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PART I

(Part II begins on page 10601)

Agencies in this issue—

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Agricultural Research Service
Agricultural Stabilization and Conservation Service
Agriculture Department
Air Force Department
Atomic Energy Commission
Civil Aeronautics Board
Civil Service Commission
Consumer and Marketing Service
Customs Bureau
Engineers Corps
Federal Aviation Agency
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Federal Maritime Commission
Federal Power Commission
Fish and Wildlife Service
Food and Drug Administration
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Veterans Administration

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THE NATIONAL ARCHIVES OF THE UNITED STATES
1934

Just Released

LIST OF CFR SECTIONS AFFECTED

January–July 1965

(Codification Guide)

The List of CFR Sections Affected is published monthly on a cumulative basis. It lists by number the titles, parts, and sections of the Code of Federal Regulations amended or otherwise affected by documents published in the FEDERAL REGISTER during 1965. Entries indicate the exact nature of all changes effected. This cumulative list of CFR sections affected is supplemented by the current lists of CFR parts affected which are carried in each daily FEDERAL REGISTER.

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(Codification Guide)

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Title 3—THE PRESIDENT

Proclamation 3666

LEIF ERIKSON DAY, 1965

By the President of the United States of America

A Proclamation

WHEREAS the intrepid seafarer, Leif Erikson, and his dauntless crew of Vikings sailed across uncharted seas to explore the shores of North America, opening the way to a new world bountifully endowed for millions who would later seek there a new life; and

WHEREAS recent archeological discoveries in Newfoundland attest to the coming of the hardy Norse seafarers to these shores almost a thousand years ago; and

WHEREAS Leif Erikson, a pathfinder in the stirring period of Norse colonization and discovery, is of special significance and inspiration to the ten million Americans of Scandinavian descent; and

WHEREAS it is particularly fitting to give national recognition to this bold explorer today, when men of similar courage and resourcefulness are challenging the equally formidable unknowns of our own times; and

WHEREAS the Congress of the United States, by a joint resolution approved September 2, 1964 (78 Stat. 849), authorized the President to proclaim October 9 in each year as Leif Erikson Day:

NOW, THEREFORE, I, LYNDON B. JOHNSON, President of the United States of America, do hereby designate Saturday, October 9, 1965, as Leif Erikson Day; and I direct the appropriate Government officials to display the flag of the United States on all Government buildings on that day.

I also invite the people of the United States to honor the memory of Leif Erikson on that day by holding appropriate exercises and ceremonies in schools and churches, or other suitable places.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the United States of America to be affixed.

DONE at the City of Washington this twelfth day of August in the year of our Lord nineteen hundred and sixty-five, and [SEAL] of the Independence of the United States of America the one hundred and ninetieth.

LYNDON B. JOHNSON

By the President:

DEAN RUSK,
Secretary of State.

[F.R. Doc. 65-8869; Filed, Aug. 18, 1965; 11:22 a.m.]

Proclamation 3667

SMITHSON BICENTENNIAL CELEBRATION

By the President of the United States of America

A Proclamation

James Smithson of London, England, on June 27, 1829, bequeathed his estate to the United States of America "to found at Washington, under the name of the Smithsonian Institution, an establishment for the increase and diffusion of knowledge among men." By subsequent acts of Congress, the United States received Smithson's property and accepted his trust. In faithful execution of this trust, by Act of Congress approved on August 10, 1846, the President, the Vice President, the Chief Justice, and the heads of the executive departments were "constituted, an 'establishment,' by the name of the 'Smithsonian Institution,' for the increase and diffusion of knowledge among men."

The direction of the affairs of the Institution was entrusted to a Board of Regents comprised of the Chief Justice, the Vice President, three Senators and three Representatives, and six other distinguished citizens of the United States. The Smithsonian Institution, in carrying out its mandate, has striven to serve as the cutting edge of original research in advancing the frontiers of knowledge beyond the limits of the practical, profitable, and obvious. In pursuing knowledge to its outer limits, it has willingly relinquished to others the task of applying the results of its original research in various fields. Thus, the former U.S. Weather Bureau and the Fish and Wildlife Service, among other organizations, were derived from programs first undertaken by the Smithsonian Institution.

It is particularly noteworthy that James Smithson, in setting forth the ideal of the "increase and diffusion of knowledge among men" as the mission of this organization, ignored considerations of nationality, private interest, and narrow scholarly specialization. Through the agency of the Institution and its bureaus (such as the Smithsonian Astrophysical Observatory and the International Exchange Service), Smithson's universal ideal has been carried around the world, raising scholarly standards abroad and at home by the fruitful interchange of ideas and knowledge. Furthermore, Anglo-American friendship has been promoted in the past by acts such as Smithson's bequest and will be served in the future by reciprocal acts of disinterested encouragement to scholarship.

Ideals of justice as well as knowledge are served by honoring those men of any country and any time who seek to further the cause of man himself, and any institution dedicated to such ideals must constantly rededicate itself to them. In rededication to Smithson's ideal, and on the anniversity of the bicentennial of his birth, the Board of Regents and the Secretary of the Smithsonian Institution have invited prominent scholars, scientists, and representatives of universities, museums, and learned societies to Washington for a program of addresses, papers, and discussions concerning the broad problems of man and his relationship to his environment. The Congress, by a joint resolution approved August 13, 1965, has called upon the President to issue a proclamation in commemoration of this historic event.

NOW, THEREFORE, I, LYNDON B. JOHNSON, President of the United States of America, and presiding officer of the Smithsonian Institution, hereby proclaim the occasion of the bicentennial celebration of the birth of James Smithson; and I designate and set aside September 17 and 18, 1965, as special days to honor the memory of James Smithson and the accomplishments of the Institution that bears his name.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the United States of America to be affixed.

DONE at the City of Washington this thirteenth day of August in the year of our Lord nineteen hundred and sixty-five, and [SEAL] of the Independence of the United States of America the one hundred and ninetieth.

LYNDON B. JOHNSON

By the President:

DEAN RUSK,
Secretary of State.

[F.R. Doc. 65-8870; Filed, Aug. 18, 1965; 11:22 a.m.]

Rules and Regulations

Title 7—AGRICULTURE

Chapter VII—Agricultural Stabilization and Conservation Service (Agricultural Adjustment), Department of Agriculture

SUBCHAPTER B—FARM MARKETING QUOTAS AND ACREAGE ALLOTMENTS

[Amdt. 17]

PART 724—BURLEY, FLUE-CURED, FIRE-CURED, DARK AIR-CURED, VIRGINIA SUN-CURED, CIGAR-BINDER (TYPES 51 AND 52), CIGAR-FILLER AND BINDER (TYPES 42, 43, 44, 53, 54, AND 55), AND MARYLAND TOBACCO

Subpart—Allotment and Marketing Quota Regulations, 1963–64 and Subsequent Marketing Years

RATES OF PENALTY PER POUND

The amendments herein are based on the marketing quota provisions of the Agricultural Adjustment Act of 1938, as amended (7 U.S.C. 1281 et seq.), and are made for the purpose of amending § 724.92 of the Tobacco Allotment and Marketing Quota Regulations, 1963–64 and Subsequent Marketing Years (27 F.R. 8937, 9211, 10743; 28 F.R. 7757, 8018, 9144, 11049; 29 F.R. 1315, 6520, 7588, 7763, 9927, 12420, 14099, 14661; 30 F.R. 823, 6146, 7646, 9147), to (1) include the rate of penalty per pound upon marketings of excess tobacco for the 1965–66 marketing year for the kinds of tobacco covered by this subpart except flue-cured and Maryland tobacco, and (2) clarify the rates of penalty on excess tobacco for the 1964–65 marketing year published in the FEDERAL REGISTER of June 13, 1964 (29 F.R. 7588). The penalty rate for flue-cured tobacco for the 1965–66 marketing year was published on July 22, 1965 (30 F.R. 9147), and the penalty rate for Maryland tobacco for such marketing year will be issued at a later date.

The harvesting of the kinds of tobacco for which the penalty rate for the 1965–66 marketing year are herein announced will shortly begin, and the producers of such kinds of tobacco need to know the penalty rate for such marketing year before they harvest their tobacco. Hence, it is necessary that the amendments set forth herein be made effective at the earliest possible date. In addition, the rate of penalty for a kind of tobacco is the result of a mathematical calculation provided in section 314 of the Act (7 U.S.C. 1314). Accordingly, it is hereby found and determined that compliance with the notice, public procedure, and effective date requirements of section 4 of the Administrative Procedure Act (5 U.S.C. 1003) is impracticable and contrary to the public interest, and the amendments contained herein shall be effective upon publication of this document in the FEDERAL REGISTER.

Paragraph (e) of § 724.92 is amended and new paragraphs (h) and (i) are added to read as follows:

§ 724.92 Rate of penalty.

* * * * *

(e) *1964–65 rate of penalty per pound.* The penalty rate per pound upon marketings of excess tobacco subject to marketing quotas during the 1964–65 marketing year shall be:

RATE OF PENALTY

Kind of tobacco	*Cents per pound*
Burley	44
Flue-cured	43
Fire-cured (type 21)	27
Fire-cured (types 22, 23, and 24)	28
Dark air-cured	25
Virginia sun-cured	24
Cigar-filler and binder (types 42, 43, 44, 53, 54, and 55)	22
Cigar-binder (types 51 and 52)	34
Maryland	34

* * * * *

(h) *1964–65 average market price.* The average market price for the kinds of tobacco listed below as determined by the Crop Reporting Board, Statistical Reporting Service, U.S. Department of Agriculture, for the 1964–65 marketing year was:

AVERAGE MARKET PRICE

Kind of tobacco	*Cents per pound*
Burley	60.2
Fire-cured (type 21)	43.1
Fire-cured (types 22, 23, and 24)	41.0
Dark air-cured	37.0
Virginia sun-cured	41.2
Cigar-filler and binder (types 42, 43, 44, 53, 54, and 55)	32.5
Cigar-binder (types 51 and 52)	48.6

(i) *1965–66 rate of penalty per pound.* The penalty rate per pound for the kinds of tobacco listed below upon marketings of excess tobacco subject to marketing quotas during the 1965–66 marketing year shall be:

RATE OF PENALTY

Kind of tobacco	*Cents per pound*
Burley	45
Fire-cured (type 21)	32
Fire-cured (types 22, 23, and 24)	31
Dark air-cured	28
Virginia sun-cured	31
Cigar-filler and binder (types 42, 43, 44, 53, 54, and 55)	34
Cigar-binder (types 51 and 52)	36

(Secs. 314, 375, 52 Stat. 48, as amended, 66 as amended; 7 U.S.C. 1314, 1375)

Effective date. Date of publication in the FEDERAL REGISTER.

Signed at Washington, D.C., this 16th of August 1965.

H. D. GODFREY,
Administrator, Agricultural Stabilization and Conservation Service.

[F.R. Doc. 65-8794; Filed, Aug. 18, 1965; 8:49 a.m.]

Title 9—ANIMALS AND ANIMAL PRODUCTS

Chapter I—Agricultural Research Service, Department of Agriculture

SUBCHAPTER F—POULTRY IMPROVEMENT

PART 146—NATIONAL TURKEY IMPROVEMENT PLAN (TURKEYS AND CERTAIN OTHER POULTRY)

Terminology and Classification; Flocks and Products

Pursuant to § 147.22 of Auxiliary Provisions on National Poultry and Turkey Improvement Plans and under section 101(b) of the Department of Agriculture Organic Act of 1944, as amended (7 U.S.C. 429), § 146.10 of Part 146, Title 9, Code of Federal Regulations, is hereby amended in the following respects:

Paragraph (g) of § 146.10 is amended by changing the last sentence of subparagraph (1)(ii) and subparagraph (2) to read:

§ 146.10 Terminology and classification; flocks and products.

* * * * *

(g) * * *

(1) * * *

(ii) * * * The HI test shall be used to confirm the results of other serological tests.

* * * * *

(2) When reactors are submitted to a laboratory as prescribed by the Official State Agency, the following criteria shall be used to determine if the flock is negative for M. gallisepticum: (i) Air sac lesions and/or sinusitis; (ii) recovery of M. gallisepticum; and (iii) supplemental serological tests. If all of these tests are negative, the flock shall be deemed to have had no M. gallisepticum reactors. If any of these tests are positive, the flock is considered suspicious and additional laboratory tests shall be conducted before the final disposition of the flock is determined.

* * * * *

(Sec. 101(b), 58 Stat. 734, as amended; 7 U.S.C. 429, 29 F.R. 16210, as amended; 30 F.R. 5799)

Effective date. The foregoing amendments shall become effective upon publication in the FEDERAL REGISTER.

These amendments are based on recommendations of the General Conference Committee. The amendments relieve certain restrictions presently imposed under the National Turkey Improvement Plan, and should be made effective promptly in order to be of maximum benefit to affected persons. Accordingly, under section 4 of the Administrative Procedure Act (5 U.S.C. 1003), it is found upon good cause that notice and other public procedure with

respect to the amendments are impracticable and unnecessary, and good cause is found for making the amendments effective less than 30 days after publication in the FEDERAL REGISTER.

Done at Washington, D.C., this 13th day of August 1965.

H. A. RODENHISER,
Acting Administrator,
Agricultural Research Service.

[F.R. Doc. 65-8768; Filed, Aug. 18, 1965; 8:47 a.m.]

Chapter III—Consumer and Marketing Service—Meat Inspection, Department of Agriculture

SUBCHAPTER B—VOLUNTARY INSPECTION AND CERTIFICATION SERVICE

PART 355—CERTIFIED PRODUCTS FOR DOGS, CATS, AND OTHER CARNIVORA; INSPECTION, CERTIFICATION, AND IDENTIFICATION AS TO CLASS, QUALITY, QUANTITY, AND CONDITION

Change in Name of Class of Products Eligible for Inspection

Pursuant to the provisions of sections 203 and 205 of the Agricultural Marketing Act of 1946, as amended (7 U.S.C. 1622, 1624), § 355.29 of the regulations for inspection and certification of products for dogs, cats, and other carnivora (9 CFR Part 355.29) is hereby amended by changing paragraph (c) to read as follows:

§ 355.29 Composition of certified products for dogs, cats, and other carnivora.

* * * * *

(c) *Composition of canned certified variety pet food.* (1) Certified variety pet food shall contain not less than 25 percent of meat or animal food meat byproduct or both, or of horse meat or animal food horse meat byproduct or both, or of mule meat or animal food mule meat byproduct or both, or of poultry products. Upon specific approval of the Director of the Division, combinations of the above specified ingredients may be used.

(2) Certified variety pet food shall contain a variety of vegetables and may contain other ingredients which are favorable to adequate nutrition.

(3) Vegetables and grains and their derivatives used as ingredients of certified variety pet food shall be of good quality, shall be free from discoloration, mold, smut, and insect infestation, and shall be otherwise fit for use as animal food.

(4) Certified variety pet food shall contain not less than 8 percent protein.

(5) Certified variety pet food shall contain not less than 2 percent fat.

(6) Certified variety pet food may contain not more than 75 percent moisture.

(Secs. 203, 205, 60 Stat. 1087, as amended, 1090, as amended; 7 U.S.C. 1622, 1624. 28 F.R. 16210, as amended, 30 F.R. 1260, as amended)

The amendment broadens the description of a class of pet food eligible for voluntary inspection and certification under the Agricultural Marketing Act of 1946, as amended, so as to permit manufacturers of pet food greater flexibility in developing new pet foods to be prepared under such inspection. The implementation of the amendment will increase the opportunity for purchasers to make selections of certified animal foods based on preference. The amendment relieves restrictions presently imposed under the voluntary inspection program and should be made effective as soon as possible in order to be of maximum benefit to affected persons.

Therefore, under section 4 of the Administrative Procedure Act (5 U.S.C. 1003) it is found upon good cause that notice and other public procedure on the amendment are impracticable and unnecessary and the amendment may be made effective less than 30 days after its publication. This amendment shall become effective upon the date of its publication in the FEDERAL REGISTER: *Provided however,* That stocks of labels theretofore approved under the regulations in 9 CFR Part 355 and existing on said date may be used, as appropriate, on products inspected under such regulations during the period of 1 year after said date.

Done at Washington, D.C., this 13th day of August 1965.

R. K. SOMERS,
Acting Deputy Administrator,
Consumer and Marketing Service.

[F.R. Doc. 65-8769; Filed, Aug. 18, 1965; 8:47 a.m.]

Title 14—AERONAUTICS AND SPACE

Chapter I—Federal Aviation Agency

[Docket No. 6850; Amdt. 39-117]

PART 39—AIRWORTHINESS DIRECTIVES

Schwien Engineering Company Turn and Bank Indicators Model S-27200-1

There have been failures of Schwien Turn and Bank Indicators that were the result of fatigue in the zinc die cast rotor. Since this condition is likely to exist or develop in other products of the same manufacture, an airworthiness directive is being issued to require replacement of the zinc rotor in these indicators with a steel rotor.

As a situation exists which demands immediate adoption of this regulation, it is found that notice and public procedure hereon are impracticable and good cause exists for making this amendment effective in less than 30 days.

In consideration of the foregoing, and pursuant to the authority delegated to me by the Administrator (25 F.R. 6489), § 39.13 of Part 39 of the Federal Aviation Regulations is amended by adding the following new airworthiness directive:

SCHWIEN. Applies to Model S-27200-1 Turn and Bank Indicators.

Compliance required before further IFR flight or at the next instrument overhaul, whichever occurs first, unless already accomplished.

To prevent further fatigue failures of the zinc die cast rotor, replace zinc die cast rotor assembly, P/N 11-7347, with General Design, Inc., steel rotor, P/N 3553-2, and two cup assembly bearings, P/N 3659, in accordance with paragraph 2 (Accomplishment Instructions) of General Design Service Bulletin No. 12.0.2800, dated June 1965, or an equivalent approved by the Aircraft Engineering Division, FAA, Western Region.

This amendment becomes effective August 17, 1965.

(Secs. 313(a), 601, and 603 of the Federal Aviation Act of 1958; 49 U.S.C. 1354(a), 1421, 1423)

Issued in Washington, D.C., on August 12, 1965.

EDWARD C. HODSON,
Acting Director,
Flight Standards Service.

[F.R. Doc. 65-8737; Filed, Aug. 18, 1965; 8:45 a.m.]

[Docket No. 6849; Amdt. 39-115]

PART 39—AIRWORTHINESS DIRECTIVES

Maule Models Bee Dee M-4, M-4, and M-4-210 Series Airplanes

There have been failures of the attachment of the fuselage fabric to the channel along the top edge of the windshield on Maule airplanes. Since this condition is likely to exist or develop in other products of the same type design, an airworthiness directive is being issued to require the installation of a metal reinforcement strip on Maule Models Bee Dee M-4, M-4, and M-4-210 Series airplanes.

As a situation exists which demands immediate adoption of this regulation, it is found that notice and public procedure hereon are impracticable and good cause exists for making this amendment effective in less than 30 days.

In consideration of the foregoing, and pursuant to the authority delegated to me by the Administrator (25 F.R. 6489), § 39.13 of Part 39 of the Federal Aviation Regulations is amended by adding the following new airworthiness directive:

MAULE. Applies to Models Bee Dee M-4, Serial Numbers 3 through 14; M-4, Serial Numbers 15 through 86; and M-4-210, Serial Numbers 1001 through 1028, airplanes.

Compliance required within the next 50 hours' time in service after the effective date of this AD unless already accomplished.

To prevent further failures of the attachment of the fuselage fabric to the windshield channel, install a metal reinforcement strip in accordance with Maule Service Letter No. 8, dated July 26, 1965, or later FAA-approved revision, or an FAA-approved equivalent.

This amendment becomes effective August 17, 1965.

(Secs. 313(a), 601, and 603 of the Federal Aviation Act of 1958; 49 U.S.C. 1354(a), 1421, 1423)

Issued in Washington, D.C., on August 12, 1965.

EDWARD C. HODSON,
Acting Director,
Flight Standards Service.

[F.R. Doc. 65-8738; Filed, Aug. 18, 1965; 8:45 a.m.]

[Docket No. 6108; Amdt. 39-116]

PART 39—AIRWORTHINESS DIRECTIVES

De Havilland Model DHC-2 Series Airplanes

Amendment 780 (29 F.R. 11260), AD 64-17-6, requires a repetitive dye penetrant inspection of the wing lift strut upper fitting of all de Havilland Model DHC-2 Series airplanes at 100-hour intervals. Subsequent to the issuance of Amendment 780, the Agency has determined from good service experience that it is only necessary to continue these repetitive inspections at intervals of 500 hours' time in service and only on those aircraft with wing strut assemblies, C2W-545A/C2W-546A. Accordingly, AD 64-17-6 is amended to limit its applicability to aircraft with C2W-545A/C2W-546A wing strut assemblies and to increase the repetitive inspection interval.

Since this amendment relieves a restriction and imposes no additional burden on any person, it is found that notice and public procedure hereon are unnecessary and good cause exists for making this amendment effective in less than 30 days.

In consideration of the foregoing and pursuant to the authority delegated to me by the Administrator (25 F.R. 6489), § 39.13 of Part 39 of the Federal Aviation Regulations, Amendment 780 (29 F.R. 11260), AD 64-17-6, is amended as follows:

(1) The applicability statement is amended to read: "Applies to Model DHC-2 Series airplanes with wing lift strut assembly, C2W-545A/C2W-546A."

(2) The paragraph that begins with the words "Conduct the following inspection * * *" is amended to read:

Conduct the following inspection within the next 100 hours' time in service after the effective date of this AD unless already accomplished within the last 400 hours' time in service and thereafter at intervals not to exceed 500 hours' time in service from the last inspection.

This amendment becomes effective August 17, 1965.

(Secs. 313(a), 601, and 603 of the Federal Aviation Act of 1958; 49 U.S.C. 1354(a), 1421, and 1423)

Issued in Washington, D.C., on August 10, 1965.

EDWARD C. HODSON,
Acting Director,
Flight Standards Service.

[F.R. Doc. 65-8739; Filed, Aug. 18, 1965; 8:45 a.m.]

[Airspace Docket No. 65-CE-98]

PART 71—DESIGNATION OF FEDERAL AIRWAYS, CONTROLLED AIRSPACE, AND REPORTING POINTS

Alteration of Control Zone

The purpose of this amendment to Part 71 of the Federal Aviation Regulations is to revoke an extension of the Aberdeen, S. Dak., control zone. The Aberdeen, S. Dak., L/MF radio range station is scheduled for decommissioning on August 19, 1965. Approach procedures, requiring a control zone extension, designated with reference to the radio range station, are to be canceled. This will make the controlled airspace based on the radio range unnecessary.

Since the action contemplated by this amendment is less restrictive in nature, and imposes no additional burden on any person, notice and public procedure hereon are unnecessary, and the amendment may become effective without regard to the 30-day statutory period.

In consideration of the foregoing, Part 71 of the Federal Aviation Regulations is amended, effective August 19, 1965, as hereinafter set forth:

In § 71.171 (29 F.R. 17581) the Aberdeen, S. Dak., control zone is amended by deleting "and within 2 miles each side of the Aberdeen RR S course, extending from the 5-mile radius zone to 8 miles S of the RR" from the text.

(Sec. 307(a) of the Federal Aviation Act of 1958; 49 U.S.C. 1348)

Issued in Kansas City, Mo., on July 30, 1965.

DONALD S. KING,
Acting Director, Central Region.

[F.R. Doc. 65-8740; Filed, Aug. 18, 1965; 8:45 a.m.]

[Airspace Docket No. 65-CE-97]

PART 71—DESIGNATION OF FEDERAL AIRWAYS, CONTROLLED AIRSPACE, AND REPORTING POINTS

Alteration of Control Zone

The purpose of this amendment to Part 71 of the Federal Aviation Regulations is to revoke an extension of the Jamestown, N. Dak., control zone.

The Jamestown, N. Dak., L/MF radio range station is scheduled for decommissioning on August 19, 1965. Approach procedures, requiring a control zone extension, designated with reference to the radio range station, are to be canceled. This will make the controlled airspace based on the radio range unnecessary.

Since the action contemplated by this amendment is less restrictive in nature, and imposes no additional burden on any person, notice and public procedure hereon are unnecessary, and the amendment may become effective without regard to the 30-day statutory period.

In consideration of the foregoing, Part 71 of the Federal Aviation Regulations is amended, effective August 19, 1965, as hereinafter set forth:

In § 71.171 (29 F.R. 17581) the Jamestown, N. Dak., control zone is amended by deleting "within 2 miles either side of the Jamestown RR E course extending from the 5-mile radius zone to 10 miles E of the RR" from the text.

(Sec. 307(a) of the Federal Aviation Act of 1958 (49 U.S.C. 1348)

Issued in Kansas City, Mo., on July 30, 1965.

DONALD S. KING,
Acting Director, Central Region.

[F.R. Doc. 65-8741; Filed, Aug. 18, 1965; 8:45 a.m.]

[Airspace Docket No. 65-CE-64]

PART 71—DESIGNATION OF FEDERAL AIRWAYS, CONTROLLED AIRSPACE, AND REPORTING POINTS

Alteration of Transition Area

On May 28, 1965, a notice of proposed rule making was published in the FEDERAL REGISTER (30 F.R. 7196) stating that the Federal Aviation Agency proposed to alter controlled airspace in the vicinity of Missoula, Mont.

Interested persons were afforded an opportunity to participate in the rule making through submission of comments. All comments received were favorable, including those of the Air Transport Association.

In consideration of the foregoing, Part 71 of the Federal Aviation Regulations is amended, effective 0001 e.s.t., December 9, 1965, as hereinafter set forth.

In § 71.181 (29 F.R. 17643) the Missoula, Mont., transition area is amended to read:

MISSOULA, MONT.

That airspace extending upward from 700 feet above the surface within 5 miles NE and 8 miles SW of the Missoula VOR 302° and 122° radials, extending from 5 miles SE to 19 miles NW of the VOR; and that airspace extending upward from 1200 feet above the surface within 8 miles SW and 9 miles NE of the Missoula VOR 298° and 188° radials, extending from 7 miles SE to 16 miles NW of the VOR.

(Sec. 307(a) of the Federal Aviation Act of 1958; 49 U.S.C. 1348)

Issued in Kansas City, Mo., on August 6, 1965.

DONALD S. KING,
Acting Director, Central Region.

[F.R. Doc. 65-8742; Filed, Aug. 18, 1965; 8:45 a.m.]

[Airspace Docket No. 65-WE-5]

PART 71—DESIGNATION OF FEDERAL AIRWAYS, CONTROLLED AIRSPACE, AND REPORTING POINTS

Alteration of Transition Area

On June 22, 1965, a notice of proposed rule making was published in the FEDERAL REGISTER (30 F.R. 8007) stating that the Federal Aviation Agency was considering an amendment to Part 71 of the Federal Aviation Regulations that would alter the transition area at Lamar, Colo.

Interested persons were afforded an opportunity to participate in the proposed rule making through submission of comments. All comments received were favorable.

In consideration of the foregoing, Part 71 of the Federal Aviation Regulations is amended, effective 0001 e.s.t., October 14, 1965, as hereinafter set forth.

In § 71.181 (29 F.R. 17675), the Lamar, Colo., transition area is amended to read:

LAMAR, COLO.

That airspace extending upward from 700 feet above the surface within a 6-mile radius of Lamar Airport (latitude 38°04'10" N., longitude 102°41'25" W.) and within 2 miles each side of the Lamar VOR 180° and 360° radials, extending from the 6-mile radius area to 8 miles N of the VOR; that airspace

extending upward from 1,200 feet above the surface within 8 miles W and 6 miles E of the Lamar VOR 180° and 360° radials, extending from 15 miles S to 13 miles N of the VOR.

(Sec. 307(a) of the Federal Aviation Act of 1958, as amended; 72 Stat. 749; 49 U.S.C. 1348)

Issued in Los Angeles, Calif., on August 9, 1965.

LEE E. WARREN,
Acting Director,
Western Region.

[F.R. Doc. 65-8743; Filed, Aug. 18, 1965; 8:45 a.m.]

[Airspace Docket Nos. 65-WE-28, 65-WE-40]

PART 71—DESIGNATION OF FEDERAL AIRWAYS, CONTROLLED AIRSPACE, AND REPORTING POINTS

Revocation of Federal Airway Segments

On June 10, 1965, and June 12, 1965, notices of proposed rule making were published in the FEDERAL REGISTER (30 F.R. 7573 and 7665) stating that the Federal Aviation Agency was considering amendments to Part 71 of the Federal Aviation Regulations that would revoke the segments of Amber 1 Federal airway from Eugene, Oreg., to Portland, Oreg., and from Seattle, Wash., to the intersection of the south course of the Victoria, British Columbia, Canada, radio range (Dungeness Fan Marker).

Interested persons were afforded an opportunity to participate in the rule making through the submission of comments. All comments received on both proposals were favorable. To eliminate unnecessary publication and since it is editorially feasible, the amendments, as proposed in airspace dockets Nos. 65-WE-28 and 65-WE-40, are combined herein as a single action.

In consideration of the foregoing, Part 71 of the Federal Aviation Regulations is amended, effective 0001 e.s.t., October 14, 1965, as hereinafter set forth.

Section 71.105 (29 F.R. 17506) is amended as follows:

In A-1 all before "Victoria RR;" is deleted and "From INT of Ediz Hook, Wash., RBN 090° bearing and S course of the Victoria, Canada, RR;" is substituted therefor.

(Sec. 307(a) of the Federal Aviation Act of 1958; 49 U.S.C. 1348)

Issued in Washington, D.C., on August 11, 1965.

DANIEL E. BARROW,
Chief, Airspace Regulations
and Procedures Division.

[F.R. Doc. 65-8744, Filed, Aug. 18, 1965; 8:45 a.m.]

[Airspace Docket No. 65-CE-108]

PART 71—DESIGNATION OF FEDERAL AIRWAYS, CONTROLLED AIRSPACE, AND REPORTING POINTS

Alteration of Control Zone and Federal Airways

The purpose of these amendments to Part 71 of the Federal Aviation Regulations is to alter controlled airspace and Federal Airways in the vicinity of Grand Forks, N. Dak.

The Grand Forks VOR is to be moved from its present location to one on the airport itself. This will necessitate slight changes in the airways which are based on this VOR. The permanent facility is scheduled for completion in the fall of 1966. At the present time, a temporary VOR is to be located on the airport at latitude 45°57'02" N., longitude 97°11'-01" W. This temporary VOR will permit straight-in approaches at lower approach minimum altitudes during the winter months while the permanent facility is being completed. At the time of the commissioning of the temporary VOR on October 14, 1965, the present VOR will be shut down. The closing of the present VOR concurrently with the commissioning of the temporary VOR will permit the retention of the GFK identifier which is considered beneficial to aircraft operating in that area.

The Federal Aviation Agency has further determined that the Park Rapids, Minn., VOR should be included in the designation of Airway V-55. This will allow the reduction in the minimum en route altitude and will permit better access to Park Rapids.

Since the change in the location of the VOR is to be effective October 14, 1965, and the action must be final prior to August 12, 1965, to permit the publication of accurate information on the U.S. Department of Commerce Coast and Geodetic Survey charts, notice and public procedure hereon are impracticable and contrary to the public interest.

In consideration of the foregoing, Part 71 of the Federal Aviation Regulations is amended effective 0001 e.s.t., October 14, 1965, as hereinafter set forth:

(1) In § 71.123 (29 F.R. 17509, 30 F.R. 1111), V-55 is amended by deleting from the text, "to Grand Forks, N. Dak." and substituting therefor, "Park Rapids, Minn. to Grand Forks, N. Dak."

(2) In § 71.123 (29 F.R. 17509) V-82 is amended by deleting from the text, "Grand Forks 066°" and substituting therefor, "Grand Forks 080°."

(3) In § 71.171 (29 F.R. 17581) the Grand Forks, N. Dak., control zone is amended to read:

GRAND FORKS, N. DAK.

Within a 5-mile radius of Grand Forks International Airport (latitude 47°57'05" N., longitude 97°10'47" W.).

(Sec. 307(a) of the Federal Aviation Act of 1958; 49 U.S.C. 1348)

Issued in Kansas City, Mo., on August 6, 1965.

DONALD S. KING,
Acting Director, Central Region.

[F.R. Doc. 65-8745; Filed, Aug. 18, 1965; 8:45 a.m.]

[Airspace Docket No. 65-CE-66]

PART 71—DESIGNATION OF FEDERAL AIRWAYS, CONTROLLED AIRSPACE, AND REPORTING POINTS

Designation of Transition Area

On June 4, 1965, a notice of proposed rule making was published in the FEDERAL REGISTER (30 F.R. 7396) stating that the Federal Aviation Agency proposed to establish controlled airspace in the Land O'Lakes, Wis., terminal area.

Interested persons were afforded an opportunity to participate in the rule making through the submission of comments. The two comments received were favorable. However, one of these comments was conditioned on the assumption that it had been determined that satisfactory two-way radio communication capabilities existed at least at and above the proposed instrument approach procedure weather ceiling minimum, which would provide for effective control of air traffic at Land O'Lakes. It has been determined by the Federal Aviation Agency that the communication capabilities at the Land O'Lakes Airport meet the criteria set forth for the designation of transition areas.

In consideration of the foregoing, Part 71 of the Federal Aviation Regulations is amended effective 0001 e.s.t., October 14, 1965, as hereinafter set forth.

In § 71.181 (29 F.R. 17643) the following transition area is added:

LAND O'LAKES, WIS.

That airspace extending upward from 700 feet above the surface within a 5-mile radius of the Land O'Lakes Municipal Airport (latitude 46°09'15" N., longitude 89°12'40" W.); and within 8 miles SW and 5 miles NE of the 311° bearing from the Land O'Lakes Airport, extending from the airport to 12 miles NW of the airport; and that airspace extending upward from 1,200 feet above the surface within 4 nm each side of the Rhinelander, Wis., VOR 018° radial, extending from the arc of a 12-mile radius circle centered on the Rhinelander VOR to the Land O'Lakes Airport.

(Sec. 307(a) of the Federal Aviation Act of 1958; 49 U.S.C. 1348)

Issued in Kansas City, Mo., on August 6, 1965.

DONALD S. KING,
Acting Director, Central Region.

[F.R. Doc. 65-8746; Filed, Aug. 18, 1965; 8:45 a.m.]

[Airspace Docket No. 65-WE-90]

PART 71—DESIGNATION OF FEDERAL AIRWAYS, CONTROLLED AIRSPACE, AND REPORTING POINTS

Modification of Amendment to Control Zone Description

On June 23, 1965, there was published in the FEDERAL REGISTER (30 F.R. 8036) an amendment to Part 71 of the Federal Aviation Regulations which altered the description of the China Lake, Calif., control zone.

Subsequent to the publication of the amendment, the owner of the Ridgecrest Airport, which appears in the description of the China Lake control zone SE extension, has advised the airport has been abandoned. The action taken herein reflects the abandonment of the Ridgecrest Airport in the description of the China Lake control zone.

Since this amendment is minor in nature and imposes no additional burden on any person, notice and public procedure hereon are unnecessary and

the amendment may be made effective immediately.

In consideration of the foregoing, effective immediately, Part 71 of the Federal Aviation Regulations is amended as hereinafter set forth.

In § 71.171 (30 F.R. 8036) the China Lake, Calif., control zone is amended to read:

CHINA LAKE, CALIF.

Within a 5-mile radius of NAF China Lake (latitude 35°41'15" N., longitude 117°41'35" W.) and within 2 miles each side of the NAF China Lake TACAN 350° and 148° radials extending from the 5-mile radius zone to 8 miles N and SE of the TACAN.

(Sec. 307(a) of the Federal Aviation Act of 1958, as amended; 72 Stat. 749; 49 U.S.C. 1348)

Issued in Los Angeles, Calif., on August 9, 1965.

LEE E. WARREN,
Acting Director,
Western Region.

[F.R. Doc. 65-8747; Filed, Aug. 18, 1965; 8:45 a.m.]

[Airspace Docket No. 65-WE-20]

PART 71—DESIGNATION OF FEDERAL AIRWAYS, CONTROLLED AIRSPACE, AND REPORTING POINTS

Transition Area; Alteration; Correction

On July 29, 1965, Federal Register Document 65-7964 was published in the FEDERAL REGISTER (30 F.R. 9438) and amended, § 71.181 of the Federal Aviation Regulations. This amendment was inadvertently shown as § 71.171 (30 F.R. 1977) instead of § 71.181 (30 F.R. 1977). Action is taken herein to correct this discrepancy.

Since this amendment is editorial in nature and imposes no additional burden on any person, notice and public procedure hereon are unnecessary and the effective date of the final rule, as initially adopted, may be retained.

In consideration of the foregoing, effective immediately, Federal Register Document 65-7964 (30 F.R. 9438) is altered as follows:

Where "§ 71.171 (30 F.R. 1977)" appears in paragraph 4, it is changed to read "§ 71.181 (30 F.R. 1977)".

(Sec. 307(a) of the Federal Aviation Act of 1958, as amended; 72 Stat. 749; 49 U.S.C. 1348)

Issued in Los Angeles, Calif., on August 9, 1965.

LEE E. WARREN,
Acting Director,
Western Region.

[F.R. Doc. 65-8748; Filed, Aug. 18, 1965; 8:45 a.m.]

[Airspace Docket No. 65-CE-54]

PART 71—DESIGNATION OF FEDERAL AIRWAYS, CONTROLLED AIRSPACE, AND REPORTING POINTS

Transition Area; Designation; Correction

On July 17, 1965, Federal Register Document 65-7552 was published in the FEDERAL REGISTER (30 F.R. 9001), amending § 71.181 of the Federal Aviation Regulations. Therein, the coordinates of Miller Field, Reed City, Mich., were cited as "latitude 43°53'30" N., longitude 83°31'00" W." The correct citation is "latitude 43°53'30" N., longitude 84°31'-00" W." Action is taken herein to correct this discrepancy.

Since this amendment is editorial in nature, and imposes no additional burden on any person, notice and public procedure hereon are unnecessary, and the effective date of the final rule, as initially adopted, may be retained.

In consideration of the foregoing, effective immediately, the description of the Reed City transition area contained in Federal Register Document 65-7552 is amended to read as follows:

REED CITY, MICH.

That airspace extending upward from 700 feet above the surface within a 5-mile radius of Miller Field, Reed City, Mich., (latitude 43°53'30" N., longitude 85°31'00" W.) and within 5 miles E and 8 miles W of the 345° bearing from Miller Field, extending from Miller Field to 17 miles N of the airport.

(Sec. 307(a) of the Federal Aviation Act of 1958; 49 U.S.C. 1348)

Issued in Kansas City, Mo., on July 30, 1965.

DONALD S. KING,
Acting Director, Central Region.

[F.R. Doc. 65-8791; Filed, Aug. 18, 1965; 8:49 a.m.]

[Airspace Docket No. 65-CE-44]

PART 71—DESIGNATION OF FEDERAL AIRWAYS, CONTROLLED AIRSPACE, AND REPORTING POINTS

Extension and Realignment of Federal Airways

On May 25, 1965, a notice of proposed rule making was published in the FEDERAL REGISTER (30 F.R. 6986) stating that the Federal Aviation Agency was considering amendments to Part 71 of the Federal Aviation Regulations that would alter VOR Federal airways Nos. 11 and 218.

Interested persons were afforded an opportunity to participate in the proposed rule making through the submission of comments. All comments received were favorable.

In consideration of the foregoing, Part 71 of the Federal Aviation Regulations is amended, effective 0001 e.s.t., October 14, 1965, as hereinafter set forth:

In § 71.123 (29 F.R. 17509, 30 F.R. 6241, 9261), V-11 and V-218 are amended as follows:

a. In V-11 all after "Evansville;" is deleted and "12 AGL Scotland, Ind., including an E alternate 12 AGL via INT Evansville 049° and Scotland 188° radials; 12 AGL Indianapolis, Ind., including an E alternate 12 AGL via INT Scotland 047° and Indianapolis 185° radials, and also a W alternate 12 AGL via INT Scotland 010° and Indianapolis 230° radials; 12 AGL Fort Wayne, Ind., including an E alternate 12 AGL via INT Indianapolis 069° and Shelbyville, Ind., 006° radials, and INT Shelbyville 006° radial with Fort Wayne 218° radials; 12 AGL Salem, Mich.; 12 AGL to INT Salem 052° and Windsor, Ont., Canada, 335° radials." is substituted therefor.

b. V-218 is amended to read as follows:

V-218 From Rochester, Minn., via Waukon, Iowa; 12 AGL Rewey, Wis.; 12 AGL Rockford, Ill.; 12 AGL INT Rockford 136° and Naperville, Ill., 290° radials; 12 AGL Naperville; 12 AGL Keeler, Mich.; 12 AGL Lansing, Mich.; 12 AGL Pontiac, Mich.; 12 AGL to INT Pontiac 112° and Windsor, Ont., Canada, 320° radials.

(Sec. 307(a) of the Federal Aviation Act of 1958; 49 U.S.C. 1348)

Issued in Washington, D.C., on August 10, 1965.

DANIEL E. BARROW,
Chief, Airspace Regulations and Procedures Division.

[F.R. Doc. 65-8790; Filed, Aug. 18, 1965; 8:49 a.m.]

[Airspace Docket No. 65-SW-26]

PART 73—SPECIAL USE AIRSPACE

Modification of Restricted Area

The purpose of this amendment to Part 73 of the Federal Aviation Regulations is to reduce the time of designation for Restricted Area R-3802 at Rabbit Island, La., from "Continuous" to "From Sunrise to Sunset."

The Agency has determined that the U.S. Navy has no requirement for night use of R-3802. Therefore, action is taken herein to change the time of designation to include only the daylight hours.

Since this amendment is less restrictive to the public, notice and public procedure hereon are unnecessary and the amendment may be made on less than 30 days' notice.

In consideration of the foregoing, Part 73 of the Federal Aviation Regulations is amended, effective immediately, as hereinafter set forth.

In § 73.38 (29 F.R. 17747) Restricted Area R-3802 at Rabbit Island, La., is amended by deleting "Time of Designation: Continuous." and substituting therefor "Time of Designation: Sunrise to Sunset."

(Sec. 307(a) of the Federal Aviation Act of 1958; 49 U.S.C. 1348)

Issued in Washington, D.C., on August 12, 1965.

CLIFFORD P. BURTON,
Acting Director, Air Traffic Service.

[F.R. Doc. 65-8749; Filed, Aug. 18, 1965; 8:45 a.m.]

[Airspace Docket No. 65-SO-16]

PART 73—SPECIAL USE AIRSPACE

Designation of Restricted Area

On May 29, 1965, a notice of proposed rule making was published in the FEDERAL REGISTER (30 F.R. 7251) stating that the Federal Aviation Agency was considering an amendment to Part 73 of the Federal Aviation Regulations that would designate a restricted area near Gainesville, Miss.

Interested persons were afforded an opportunity to participate in the proposed rule making through the submis-

sion of comments. All comments received were favorable.

In consideration of the foregoing, Part 73 of the Federal Aviation Regulations is amended, effective 0001 e.s.t., January 6, 1966, as hereinafter set forth.

R-4403 GAINESVILLE, MISS.

Boundaries. Beginning at latitude 30°-21'02" N., longitude 89°36'53" W.; to latitude 30°22'33" N., longitude 89°36'53" W.; to latitude 30°22'34" N., longitude 89°34'05" W.; to latitude 30°21'03" N., longitude 89°34'04" W.; to the point of beginning.

Altitudes. From surface to 5,000 feet MSL.

Time of use. Continuous.

Using agency. Manager, Mississippi Test Operations, National Aeronautics and Space Administration, Bay St. Louis, Miss.

Controlling agency. Federal Aviation Agency, Houston ARTC Center.

(Sec. 307(a) of the Federal Aviation Act of 1958; 49 U.S.C. 1348)

Issued in Washington, D.C., on August 12, 1965.

CLIFFORD P. BURTON,
Acting Director, Air Traffic Service.

[F.R. Doc. 65-8750; Filed, Aug. 18, 1965; 8:45 a.m.]

[Airspace Docket No. 65-WA-48]

PART 75—ESTABLISHMENT OF JET ROUTES

Jet Routes; Alteration; Amendment

On July 31, 1965, Federal Register Document No. 65-8097 was published in the FEDERAL REGISTER (30 F.R. 9577) amending Part 75 of the Federal Aviation Regulations, effective August 26, 1965, by realining Jet Route No. 503 from Seattle, Wash., to the United States/Canadian border, via the Seattle direct radial to Princeton, British Columbia; and realining Jet Route No. 517 from Spokane, Wash., to Kimberley, British Columbia, excluding the portion which lies over Canadian territory. These actions were executed upon the request of the Canadian Department of Transport to realine the jet routes via new Canadian VOR facilities in lieu of the Canadian LF facilities.

Jet Route No. 3 is presently alined in part from Spokane, Wash., to the Kimberley, British Columbia, Canada radio range, excluding the portion that lies over Canadian territory. This alinement coincides with the present alinement of Jet Route No. 517; however, Jet Route No. 3 was inadvertently omitted from Federal Register Document No. 65-8097. Action is taken herein to amend this document so as to realine Jet Route No. 3 to coincide with Jet Route No. 517 north of Spokane.

Since this amendment effects a negligible change in the airspace assignments within the United States, notice and public procedure hereon are unnecessary and the effective date of the amendment, as initially adopted, is retained.

In consideration of the foregoing, Federal Register Document No. 65-8097 (30 F.R. 9577) is amended, effective immediately, as hereinafter set forth.

Paragraph c. is added as follows:

c. In Jet Route No. 3 "the Kimberley, British Columbia, Canada, RR." is deleted and "Kimberley, British Columbia," is substituted therefor.

(Sec. 307(a) of the Federal Aviation Act of 1958; 49 U.S.C. 1348)

Issued in Washington, D.C., on August 12, 1965.

DANIEL E. BARROW,
Chief, Airspace Regulations and Procedures Division.

[F.R. Doc. 65-8751; Filed, Aug. 18, 1965; 8:45 a.m.]

[Reg. Docket No. 6395; Amdts. Nos. 91-23; 129-2]

PART 91—GENERAL OPERATING AND FLIGHT RULES

PART 129—OPERATIONS OF FOREIGN AIR CARRIERS

Airborne Distance Measuring Equipment; Foreign Aircraft

The purpose of this amendment is to require foreign civil aircraft when operating within the 48 contiguous States and the District of Columbia to be equipped with distance measuring equipment (DME).

This amendment is based on a notice of proposed rule making (Notice 64-53) issued on December 18, 1964, and published in the FEDERAL REGISTER on December 23, 1964 (29 F.R. 18232). The comment period for the original notice expired on February 22, 1965. However, subsequent to that date, it came to the Agency's attention that some foreign air carriers, who did not receive a copy of the notice, desired to make comments on the proposal. The Agency extended the comment period until May 31, 1965, by a notice published in the FEDERAL REGISTER on May 12, 1965 (30 F.R. 6541).

Most of the comments received either approved of, or offered no objection to, the Agency's proposal to require foreign civil aircraft to be equipped with DME when operating within the 48 contiguous States and the District of Columbia. One comment, while offering no objection to the proposal to require DME for operations above 24,000 feet MSL, did object to requiring installation of DME in all turbopropeller powered aircraft after June 30, 1966, regardless of the altitude flown. The Federal Aviation Regulations (§ 121.349(c)) now require all United States air carrier and commercial operator turbopropeller powered airplanes to be equipped with DME regardless of the altitude flown. The VORTAC system of air navigation is premised on the fact that, for maximum safety and efficiency, distance information from a DME is as important as the bearing information from the VOR. Furthermore, the VORTAC RHO Theta System of short range navigation has been adopted not only by the United States, but also by all members of ICAO as the international standard until 1975. In view of the above, the Agency does not agree that an exception should be made for turbopropeller powered airplanes operated by foreign air carriers below 24,000 MSL.

Several commentators stated that while they did not object to the requirement for the installation of DME equipment, the proposed mandatory installation date of December 31, 1965, did impose a substantial hardship in view of the short period remaining to arrange for the installation of the equipment. The Agency believes, after reviewing these comments, that the foreign air carriers concerned have made a bona fide effort to arrange for installation of the DME equipment as soon as possible assuming this amendment is adopted, and that any inability to meet the proposed December 31, 1965, date would be due to difficulty beyond their control. Accordingly, the Agency has decided to delay the initial date for compliance with the requirement for installing DME for operations above 24,000 feet MSL and for all turbine engine powered airplanes until December 31, 1966.

Section 91.161 is being amended by adding thereto the word "civil" before the word "aircraft" to correct a typographical omission that occurred when that section was recently amended in amendment 91-19. This amendment to § 91.161 is being made effective September 21, 1965, to coincide with the effective date of amendment 91-19.

Interested persons have been afforded an opportunity to participate in the making of this amendment (29 F.R. 18232, Notice 64-53), and due consideration has been given to all relevant matter presented.

In consideration of the foregoing, §§ 91.43 and 129.17 of the Federal Aviation Regulations are amended effective September 18, 1965, and § 91.161, thereof is amended effective September 21, 1965, as follows:

1. By amending § 91.43 by adding a new paragraph (e) to read:

§ 91.43 Special rules for foreign civil aircraft.

* * * * *

(e) Flight at and above 24,000 feet MSL.

After December 31, 1966, if VOR navigational equipment is required under paragraph (c)(1)(ii) of this section, no person may operate a foreign civil aircraft in the 48 contiguous States or in the District of Columbia, at and above 24,000 feet MSL, unless the aircraft is equipped with distance measuring equipment (DME) capable of receiving and indicating distance information from the VORTAC facilities to be used. When DME required by this paragraph fails at and above 24,000 feet MSL, the pilot in command of the aircraft shall notify ATC immediately, and may then continue operations at and above 24,000 feet MSL to the next airport of intended landing at which repairs or replacement of the equipment can be made.

2. Section 91.161(a) is amended by inserting the word "civil" before the word "aircraft".

3. By amending § 129.17 by designating the present text of the section as paragraph (a), and adding a paragraph (b) to read as follows:

§ 129.17 Radio equipment.

* * * * *

(b) Whenever VOR navigational equipment is required by paragraph (a)

of this section, at least one distance measuring by equipment (DME), capable of receiving and indicating distance information from the VORTAC facilities to be used, must be installed on each airplane when operated after December 31, 1966, within the 48 contiguous States and the District of Columbia at and above 24,000 feet MSL and must be installed on each of the following airplanes, regardless of the altitude flown, when operating within the 48 contiguous States and the District of Columbia after the indicated dates.

(1) Turbine engine powered airplanes and pressurized reciprocating engine powered airplanes—December 31, 1966.

(2) Other airplanes having a maximum certificated takeoff weight of more than 12,500 pounds—December 31, 1967.

(Secs. 313(a), 307, and 601 of the Federal Aviation Act of 1958; 49 U.S.C. 1354, 1348, and 1421)

Issued in Washington, D.C., on August 11, 1965.

D. D. THOMAS,
Deputy Administrator.

[F.R. Doc. 65-8752; Filed, Aug. 18, 1965; 8:46 a.m.]

Title 21—FOOD AND DRUGS

Chapter I—Food and Drug Administration, Department of Health, Education, and Welfare

SUBCHAPTER A—GENERAL

PART 8—COLOR ADDITIVES

PART 9—COLOR CERTIFICATION

FD&C Red No. 4

There was published in the FEDERAL REGISTER of December 11, 1964 (29 F.R. 16983), an order terminating the provisional listing of FD&C Red No. 4 for use in foods and ingested drugs and cosmetics because toxicity studies available at that time offered no basis for continued provisional listings for these general uses. The order permitted 180 days for the continued use of certified batches of the color in food and drugs generally, and did not specify any time limit for the marketing of articles to which the color had been added during the 180-day transition period.

The Commissioner of Food and Drugs has since received requests from industry to permit the use of FD&C Red No. 4 in maraschino cherries. Representatives of the industry groups requesting the use of the color were National Cherry Growers and Industries Foundation, Portland, Oreg., and the Maraschino Cherry and Glacé Fruit Association, Cincinnati, Ohio.

Recently completed studies (with dogs and guinea pigs), not available when the order of December 11, 1964, was issued, show that limited use of FD&C Red No. 4 in maraschino cherries would not be contrary to the public health.

Therefore, pursuant to the authority vested in the Secretary of Health, Education, and Welfare by Title II of the Color Additives Amendments of 1960 (Title II, Public Law 86-618; 74 Stat. 404 et seq.; 21 U.S.C., note under 376) and delegated to the Commissioner of Food and Drugs (21 CFR 2.90), the transitional color additive regulations and the color certification regulations are amended as set forth below:

§ 8.501 [Amended]

1. Section 8.501 is amended as follows:

a. Paragraph (a) is amended by inserting a new item after FD&C Red No. 3 * * *, as follows:

	Closing date	Restrictions
* * *	* * *	* * *
FD&C Red No. 4 (Sec. 9.63 of this chapter).	Dec. 31, 1966	Sec. 8.503.
* * *	* * *	* * *

b. Paragraph (c) is amended by deleting the item Ext. D&C Red No. 24.

2. Section 8.503 is amended by adding thereto a new paragraph (c), as follows:

§ 8.503 Temporary tolerances.

* * * * *

(c) Since the action outlined in § 8.502 (d) on December 11, 1964, additional studies with two species of animals have been completed. An over-all evaluation of the studies indicates that there would be no hazard to the public health if the use of FD&C Red No. 4 were restricted as follows:

(1) It may be used in food only for the coloring of maraschino cherries at a level not to exceed 150 parts per million by weight of the maraschino cherries. Such weight shall not include packing media, or in the case of candied maraschino cherries, added sugar.

(2) It may be used without quantitative restriction in externally applied drugs and cosmetics.

(3) Labels of the color additive and mixtures containing it shall bear, in addition to other statements required by the act and regulations:

(i) A statement of the quantity of FD&C Red No. 4 in weight per unit volume or percent by weight; and

(ii) The following statement or its equivalent: "This color additive may be used in or on food only for coloring maraschino cherries at a level not to exceed 150 p.p.m. by weight of the maraschino cherries. Such weight shall not include packing media, or in the case of candied maraschino cherries, added sugar. It may be used in externally applied drugs and cosmetics without quantitative restriction."

3. Section 8.510(c) is amended by inserting after the word "food" in both places in the first sentence, the parenthetical phrase "(except maraschino cherries as provided in § 8.503(c))." As amended, the first sentence of paragraph (c) reads as follows:

§ 8.510 Cancellation of certificates.

* * * * *

(c) Certificates issued heretofore for the color additive designated FD&C Red No. 4 (§ 9.63 of this chapter) and of all mixtures containing this color additive are canceled effective 180 days after the date of the publication of this order[1] insofar as food (except maraschino cherries as provided in § 8.503(c)) and ingested drugs and cosmetics are concerned, and use of this color additive in the manufacture of food (except maraschino cherries as provided in § 8.503(c)) and ingested drugs and cosmetics after that date will result in adulteration. * * *

§ 9.363 [Repealed]

4. Part 9 is amended by repealing § 9.363 *Ext. D&C Red No. 24* and by adding to Subpart B the following new section:

§ 9.63 FD&C Red No. 4.

Disodium salt of 2-(5-sulfo-2, 4-xylylazo)-1-naphthol-4-sulfonic acid.

Volatile matter (at 135° C.), not more than 10.0 percent.

Water-insoluble matter, not more than 0.3 percent.

Ether extracts, not more than 0.2 percent.

Chlorides and sulfates of sodium, not more than 5.0 percent.

Mixed oxides, not more than 1.0 percent.

Subsidiary dyes, not more than 5.0 percent.

Pure dye (as determined by titration with titanium trichloride), not less than 85.0 percent.

Notice and public procedure are not necessary prerequisites to the promulgation of this order because section 203(d)(2) of Public Law 86-618 so provides.

Effective date. This order shall become effective on the date of its publication in the FEDERAL REGISTER.

(Title II, Public Law 86-618; 74 Stat. 404 et seq.; 21 U.S.C. note under 376)

Dated: August 16, 1965.

GEO. P. LARRICK,
Commissioner of Food and Drugs.

[F.R. Doc. 65-8797; Filed, Aug. 18, 1965; 8:49 a.m.]

Title 32—NATIONAL DEFENSE

Chapter VII—Department of the Air Force

SUBCHAPTER C—PUBLIC RELATIONS

PART 825a—GIFTS TO THE DEPARTMENT OF THE AIR FORCE

A new Part 825a is added as follows:

Subpart A—General

Sec.	
825a.1	Purpose.
825a.2	Policy.
825a.3	Definitions.
825a.4	Authority to accept or reject gifts.
825a.5	Expenses prior to acceptance.
825a.6	Custodial responsibility.
825a.7	Copyrighted or patented items.
825a.8	Gifts from foreign governments.
825a.9	Gifts of real property.

Subpart B—Unconditional Gifts

825a.20	Acceptance of gifts.
825a.21	Restrictions on acceptance.
825a.22	Rejection of gifts.
825a.23	Form of instruments.
825a.24	Procedures.

[1] Order Dec. 11, 1964.

Subpart C—Conditional Gifts

Sec.
825a.30 Form of instruments proffering gifts.
825a.31 Acceptance of gifts.
825a.32 Sale of gift property.

Subpart D—Conditional Gifts Not Acceptable Under 10 U.S.C. 2601

825a.40 General provisions of the Act of July 27, 1954.

Subpart E—Sample Proffers of Gifts

825a.45 Sample proffer of gift by corporation.
825a.46 Sample proffer of gift by individual.
825a.47 Sample proffer of gift to the Air Force Academy in certain special cases.

AUTHORITY: The provisions of this Part 825a issued under sec. 8012, 70A Stat. 488, secs. 2601–2603, 70A Stat. 144–145, 76 Stat. 244; 10 U.S.C. 8012, 2601–2603.

SOURCE: AFR 11–26, March 31, 1959.

Subpart A—General

§ 825a.1 Purpose.

This part prescribes policies and procedures for receiving, accepting, and administering gifts, conditional and unconditional, proffered to the Department of the Air Force. It does not apply to gifts to individual members of the Department of the Air Force, gifts to religious funds, or gifts to nonappropriated welfare and sundry funds. It does not authorize the solicitation of gifts by Air Force personnel.

§ 825a.2 Policy.

The following policies will be considered in determining the matter of acceptance or rejection of a gift:

(a) Whenever possible, gifts of tangible personal property of nominal value should be unconditional, provided that the costs of accepting and maintaining the item will be negligible.

(b) Whenever possible, gifts of tangible personal property of more than nominal value, or gifts of personal property of nominal value, the acceptance and maintenance of which entail more than negligible costs, should be conditional, accepted under provisions of 10 U.S.C. 2601.

(c) Whenever possible, gifts of money or other intangible personal property should be conditional, accepted under the provisions of 10 U.S.C. 2601, and processed in accordance with the provisions of Subpart C of this part.

(d) No arrangements will be made which entail the granting of special privileges or concessions to the donor.

§ 825a.3 Definitions.

(a) *Gift to the Department of the Air Force.* A gift to the Department of the Air Force may be a gift proffered to the United States or a gift proffered to the Secretary of the Air Force, acting on behalf of the United States.

(b) *Unconditional gift of money or other intangible personal property.* A gift of money or other intangible personal property is unconditional if it is proffered with no limitations upon its ownership, use, expenditure, or disposition.

(c) *Unconditional gift of tangible personal property.* A gift of tangible personal property is unconditional if it is proffered with no limitations upon its ownership, use, or disposition.

(d) *Conditional gift of money or other intangible personal property.* A gift of money or other intangible personal property is conditional if proffered with any limitations upon its ownership, use, expenditure, or disposition.

(e) *Conditional gift of real property or tangible personal property.* A gift of real property or tangible personal property is conditional if proffered on condition that it be used or disposed of in fewer than all of the manners or purposes, and, in the case of tangible personal property, the places, in which it may be used; or if proffered on condition that it be used by specific departments or agencies which are fewer than all of the departments or agencies which normally use such property.

(f) *Items of nominal value.* Items of nominal value are items of an approximate value less than $100.

(g) *Gift.* Whenever the word "gift" is used it shall be construed to include devises, bequests, donations, and contributions.

(h) *Tangible personal property.* Tangible personal property is divided into three categories:

(1) Items of historic significance.
(2) Items of artistic significance.
(3) Items for current use.

(i) *Items of historic significance.* Air Force historical properties as defined in AFR 210–4 (Air Force Museum Program).

(j) *Items of artistic significance.* Paintings, prints, and other objects of art.

(k) *Items for current use.* Denotes all other items of tangible personal property, including those items which, upon acceptance, will be used by, or for the benefit of, some command, organization, or institution under the jurisdiction of the Department of the Air Force.

(l) *Intangible personal property.* Includes money, checks, money orders, drafts, bonds, shares of stock, and similar documents having a present or future benefit or value.

§ 825a.4 Authority to accept or reject gifts.

The authority to accept or reject gifts proffered to the Department of the Air Force is vested in the Secretary of the Air Force, the commanders of major air commands, the Superintendent of the Air Force Academy, and the Director of the Air Force Museum. This authority depends upon the value and kind of property proffered, as follows:

(a) *Gifts requiring Secretarial acceptance or rejection.* All gifts of real property, gifts of personal property of more than nominal value and gifts of personal property of only nominal value but requiring more than negligible expenditures for their acceptance and maintenance must be accepted or rejected by, or by direction of, the Secretary of the Air Force subject to the policies, procedures, and restrictions in this part.

§ 825a.5 Expenses prior to acceptance.

The Air Force cannot assume responsibility for defraying any expenses incurred regarding the proffered gift before it is accepted and while it is in the possession of such donor or of the Air Force under a temporary custody arrangement.

§ 825a.6 Custodial responsibility.

Except where unusual circumstances exist, the Air Force will not accept custody of a gift between the time it is proffered and the time it is accepted. If custody is assumed by the Air Force, the donor will be informed that the Air Force cannot assume responsibility for any loss of or damage to the gift before the gift is accepted by an authorized person.

§ 825a.7 Copyrighted or patented items.

(a) A gift of a copyrighted or patented item will be treated in the same manner as a gift of an item which is not protected by such rights or an item which, though once protected, is presently in the public domain.

(b) Whenever it is contemplated that a gift item, which is protected by a copyright or a patent, will be put to use by the Air Force for such governmental purposes as may come within the scope of the copyright or patent, the acceptance of the gift by the Air Force pursuant to §§ 825a.20 and 825a.31, must be conditioned on the grant of at least a royalty-free license, for such governmental purposes, under the copyright or patent.

(c) There is no objection to a copyright or patent owner making a gratuitous grant to the United States of an assignment of the copyright or patent covering the gift item.

§ 825a.8 Gifts from foreign governments.

(a) Gifts to the Department of the Air Force are not within the constitutional prohibition against the acceptance, without Congressional approval, of gifts to individuals, from foreign governments or personages (see AFR 900–7 (Decorations) (Part 882 of this chapter) concerning decorations from foreign governments). No such approval is required prior to acceptance of gifts to the Department of the Air Force.

(b) The Secretary of the Air Force has not delegated his authority to accept or reject gifts which are intended as gifts from foreign governments to the Department of the Air Force.

(c) No coordination with the Department of State is required prior to acceptance or rejection of a gift by the Secretary of the Air Force.

(d) Proffers of gifts to the United States from foreign governments, under the Act of July 27, 1954 (Ch. 582, 68 Stat. 566; 50 U.S.C.A. 1151–1156) will be processed in accordance with Subpart D of this part.

§ 825a.9 Gifts of real property.

(a) There are several statutory provisions which authorize the Secretary of the Air Force to accept gifts of land and interests therein for particular purposes. (For example, see 10 U.S.C. 9771.)

(b) Gifts of land to the Department of the Air Force most often result from negotiations between the Air Force and

States, municipalities, and other prospective donors. Generally, such gifts are for expansion of existing air bases or for construction of new base facilities. Usually the authority of the Secretary of the Air Force to accept or reject such gifts will be found in one of the several statutes on this subject.

Subpart B—Unconditional Gifts

§ 825a.20 Acceptance of gifts.

In accepting gifts the following rules will be strictly observed:

(a) All unconditional proffers of gifts requiring Secretarial acceptance or rejection (see § 825a.4) will be forwarded to Headquarters USAF, for acceptance or rejection of such gifts by, or by direction of the Secretary of the Air Force.

(b) All unconditional proffers of gifts of personal property of only nominal value may be accepted on behalf of the Secretary of the Air Force by those officers below Secretarial level as designated in § 825a.4, under the following conditions:

(1) The person authorized to accept determines that the costs which will result from the acceptance and maintenance of the proffered gift will be negligible.

(2) Where there is any doubt whether the proffered item is of only nominal value or whether the costs which will result from the acceptance and maintenance of the proffered gift will be negligible, the person receiving the proffer will process the proffer as though the gift were an item of more than nominal value.

§ 825a.21 Restrictions on acceptance.

No unconditional gifts may be accepted if such acceptance involves an expenditure of funds in excess of amounts appropriated by Congress.

§ 825a.22 Rejection of gifts.

(a) The determination to reject any unconditional gift shall be made personally by the person authorized to reject such gifts.

(b) No gift will be rejected unless it is determined that acceptance will not be in the best interest of the Air Force.

(c) Gifts may be rejected under the following circumstances:

(1) The acceptance will involve the expenditure or use of funds in excess of amounts appropriated.

(2) The proffered item is unwarrantedly dangerous.

(3) The proffered item ridicules the Air Force, a sister service, or any other governmental agency.

(4) The proffered item is in bad taste.

(5) Acceptance of the gift could raise a serious question of impropriety in the light of the donor's business relationships or propective business relationships with the Department of the Air Force.

(6) The cost of acceptance and maintenance will be out of proportion to any benefit which could accrue to the Air Force from an acceptance.

§ 825a.23 Form of instruments.

(a) There is no prescribed form for use by prospective donors in proffering unconditional gifts. Such proffers may be in the form of a memorandum or a more formal instrument. However, regardless of the form in which the proffer is made, to be unconditional it must not contain any restrictions or limitations upon the ownership, use, expenditure, or disposition of the money or property.

(b) A gift may be unconditional despite the expression in the proffer of a limitation upon its use if the limitation merely requires that the gift be used in the place, manner or purpose for which its normal use is limited by reason of its physical nature.

(c) With respect to unconditional gifts of real property, the proffer of a gift is merely an offer to transfer title to the property to the United States. Acceptance of the gift by the Secretary of the Air Force pursuant to § 825a.20, is subject to the delivery to the Air Force of a deed transferring valid title to the property to the United States. Transfer of title is effected only when, coincident with or subsequent to acceptance of the gift by the Secretary of the Air Force, such a deed is delivered to the Department of the Air Force. Before the Air Force may accept delivery of the deed, the written opinion of the Attorney General is required in favor of the validity of the title.

(d) With respect to all other unconditional gifts, acceptance of the gift effects a transfer of title to the gift property.

§ 825a.24 Procedures.

(a) *Receipt of proffers.* Any person, military or civilian, in the Department of the Air Force may receive an unconditional proffer of a gift to the Air Force, and may also receive the gift item, subject to the provisions of § 825a.6.

(b) *Acceptance.* In every case in which there has not been an oral acceptance, the acceptance of an unconditional gift will be in writing. An oral acceptance will be confirmed in writing.

Subpart C—Conditional Gifts

§ 825a.30 Form of instruments proffering gifts.

(a) There is no prescribed format for use by prospective donors in proffering conditional gifts under the provisions of 10 U.S.C. 2601. The advice of the local Staff Judge Advocate should be sought as appropriate. Such proffers may be in the form of a memorandum, or a more formal instrument. However, whenever a valuable gift is involved, the proffer of the gift should include the following elements, including the language quoted below:

(1) A description of the property proffered which is complete enough so that the gift is readily identifiable.

(2) A statement that the donor is the owner of the property, that he voluntarily gives, transfers, conveys, and assigns the property free and clear of all encumbrances, "to the Secretary of the Air Force, acting on behalf of the United States of America, to have and to hold the same forever," and that the donor relinquishes for himself, his executors, administrators, successors, and assigns all ownership, rights, title, interest, and possession in the property.

(3) A statement that no arrangements are made which will entail the granting of special concessions or privileges to the donor or to the donor's executors, administrators, successors, and assigns.

(4) A statement that the gift "is made for the benefit of or use in connection with the establishment, operation or maintenance of_____

_____

(Designated Air Force organization or institution)

or other institution or organization under the jurisdiction of the Department of the Air Force, in conformance with 10 U.S.C. 2601." For language relating to a special class of gifts for the benefit of the Air Force Academy, see § 825a.47.

(5) The signature of the donor and of a witness and the date. If the donor is a corporation or partnership, one of the officers or partners should sign on behalf of the donor.

(6) If the donor is a corporation, a certificate, signed by some other officer of the corporation (usually the secretary) certifying that he is an officer of the corporation, that the person who signed the instrument proffering the gift on behalf of the corporation is an officer of the corporation, and that the instrument proffering the gift was duly signed for and on behalf of the corporation by authority of its governing body and is within the scope of the corporation's powers. The certificate should include the date and should be sealed with the corporate seal.

(b) Sample formats are shown in §§ 825a.45 through 825a.47. They are samples only, and appropriate changes may be made in them depending upon the needs of the individual case.

(c) With respect to conditional gifts of real property under the provisions of 10 U.S.C. 2601, the proffer of gift is merely an offer to transfer title to the property to the Secretary of the Air Force, acting on behalf of the United States of America. Acceptance of the gift by the Secretary of the Air Force pursuant to § 825a.31 is subject to the delivery to the Air Force of a deed transferring valid title to the property to the Secretary of the Air Force, acting on behalf of the United States of America. Transfer of title is effected only when, coincident with or subsequent to acceptance of the gift by the Secretary of the Air Force, such a deed is delivered to the Air Force. Before the Air Force may accept delivery of the deed, the written opinion of the Attorney General is required in favor of the validity of the title. The language of the appropriate forms for proffers of conditional gifts should be revised, with respect to conditional gifts of real property, in accordance with the provisions of this section. (See §§ 825a.45 through 825a.47.)

(d) With respect to all other conditional gifts under the provisions of 10 U.S.C. 2601, acceptance of the gift effects a transfer of title to the gift property to the Secretary of the Air Force acting on behalf of the United States of America.

§ 825a.31 Acceptance of gifts.

(a) The policy of the Department of the Air Force is to accept all conditional gifts unless it is determined that acceptance of a conditional gift will not be in the best interest of the Air Force.

(b) In the acceptance of conditional gifts, the following provisions will be adhered to strictly:

(1) All conditional proffers of gifts requiring Secretarial acceptance or rejection (see § 825a.4) will be forwarded to Headquarters USAF, for acceptance or rejection of such gifts by, or by direction of, the Secretary of the Air Force.

(2) All conditional proffers of gifts of personal property of only nominal value may be accepted on behalf of the Secretary of the Air Force by those officers designated in § 825a.4 under the following conditions:

(i) The person authorized to accept determines that the costs which will result from the acceptance and maintenance of the gift will be negligible.

(ii) In any case in which there is any doubt whether the proffered gift is of only nominal value or whether the costs which will result from an acceptance will be negligible, the gift will be treated as if it were a gift of more than nominal value.

(iii) The person who accepts gifts of nominal value will submit a copy of the instrument proffering the gift and a copy of the instrument accepting the gift to the appropriate individual, as determined by the kind of property involved.

§ 825a.32 Sale of gift property.

(a) The Secretary of the Air Force may, unless specifically prohibited by the terms and conditions of the proffer of a particular gift, convert into money any gift of property, real or personal, received pursuant to 10 U.S.C. 2601.

(b) The proceeds of any such sale shall be treated in the same manner as a gift of money. The proceeds will be deposited in the appropriate account and will be subject to disbursement at the discretion of the Secretary of the Air Force in accordance with the terms and conditions of the proffer of the particular gift.

Subpart D—Conditional Gifts Not Acceptable Under 10 U.S.C. 2601

§ 825a.40 General provisions of the Act of July 27, 1954.

(a) The Secretary of the Treasury is authorized to accept or reject, on behalf of the United States, any gift or other intangible personal property "made on condition that it be used for a particular defense purpose."

(b) The Administrator of General Services is authorized to accept or reject on behalf of the United States any gift or other property, real or personal, "made on condition that it be used for a particular defense purpose."

(c) The Secretary of the Treasury and the Administrator of General Services are required to consult with the interested Federal agencies in carrying out the provisions of the act.

Subpart E—Sample Proffers of Gifts

§ 825a.45 Sample proffer of gift by corporation.

PROFFER OF GIFT

KNOW ALL MEN BY THESE PRESENTS:

That the _____, a corporation,
(Name of company)
the owner of the property listed below, acting by and through _____,
(Name of corporate Officer signing)
the _____, _____
(President) (One of its vice presidents)
_____,
( )
does hereby voluntarily give, transfer, convey and assign said property, free and clear of all encumbrances, to the Secretary of the Air Force, acting on behalf of the United States of America, to have and to hold the same forever, hereby relinquishing for itself, its successors and assigns all ownership, rights, title, interest and possession therein to the donee absolutely: _____
(Description of property)

The herein described gift and transfer of said property does not entail the granting by the donee of special concessions or privileges to the donor.

The herein described gift and transfer of said property is made for the benefit of or use in connection with the establishment, operation, or maintenance of _____
_____
(Designated Air Force organization or institution)
or other institution or organization under the jurisdiction of the Department of the Air Force, in conformance with 10 U.S.C. 2601.

IN WITNESS WHEREOF the _____
(Name of company)
has affixed its seal and caused this instrument to be executed by _____,
(Name of person signing)
_____, _____
(The president) (One of its vice presidents)
_____, for and on behalf of the
( )
_____ this _____ of _____
(Name of company) (Day) (Month)
_____.
(Year)

_____
(Name of company)
By _____
(Signature)

CERTIFICATE

I, _____, certify that I am the
(Name)
_____, _____
(Secretary) (Assistant secretary)
_____ of the _____,
( ) (Name of company)
a corporation; that _____, who
(Name)
signed the Proffer of Gift dated _____,
( )
on behalf of the _____,
(Name of company)
is _____ _____ of
(The president) (A vice president)
the _____; and said Proffer
(Name of company)
of Gift was duly signed for and on behalf of said corporation by authority of its governing body and is within the scope of its corporate powers.

_____
(Date)

_____
(Name)

_____
(Corporate seal)

NOTE: For proffers of gifts of real property, the language of the above proffer should be modified in the following ways:

In the first paragraph, following the word "voluntarily," the words "offer to" should be added; and in the same paragraph, the phrase "hereby relinquishing" should be changed to read "relinquishing upon such gift and conveyance."

At the end of the first paragraph, the following sentence should be added: "Pursuant to this offer, I will deliver to the Department of the Air Force a deed transferring valid title to said property to the Secretary of the Air Force, acting on behalf of the United States of America."

In line one of both the second and third paragraphs, the phrase "The herein described gift and transfer of said property * * *" should be changed to read, "The gift and conveyance of said property offered herein * * *"

If the gift of real estate is under a different statute, cite statute applicable in the place of 10 U.S.C. 2601.

§ 825a.46 Sample proffer of gift by individual.

PROFFER OF GIFT

KNOW ALL MEN BY THESE PRESENTS:

That I, _____, the owner of
(Name)
the property listed below, do hereby voluntarily give, transfer, convey and assign said property, free and clear of all encumbrances, to the Secretary of the Air Force, acting on behalf of the United States of America, to have and to hold the same forever, hereby relinquishing for myself, my executors, administrators, heirs and assigns all ownership, rights, title, interest and possession therein to the donee absolutely: (Description of property).

The herein described gift and transfer of said property does not entail the granting by the donee of special concessions or privileges to me or my executors, administrators, heirs and assigns.

The herein described gift and transfer of said property is made for the benefit of or use in connection with the establishment, operation, or maintenance of the _____
(Designated Air Force organization or institution)
or other institution or organization under the jurisdiction of the Department of the Air Force, in conformance with 10 U.S.C. 2601.

_____
(Signature)

_____
(Seal)

_____
(Dated)

Witness:

_____
(Signature)

NOTE: For proffers of gifts of real property, the language of the above proffer should be modified in the following ways:

In the first paragraph, following the word "voluntarily," the words "offer to" should be added; and the phrase "hereby relinquishing" should be changed to read "relinquishing upon such gift and conveyance."

At the end of the first paragraph, the following sentence should be added: "Pursuant to this offer, I will deliver to the Department of the Air Force a deed transferring valid title to said property to the Secretary of the Air Force, acting on behalf of the United States of America."

In line one of both the second and third paragraphs, the phrase "The herein described gift and transfer of said property * * *" should be changed to read, "The gift and conveyance of said property offered herein * * *"

If the gift of real estate is under a different statute, cite statute applicable in place of 10 U.S.C. 2601.

§ 825a.47 Sample proffer of gift to the Air Force Academy in certain special cases.

Except in unusual cases, the Sample Proffer of Gift by Corporation set forth in § 825a.45 and the Sample Proffer of Gift by Individual set forth in § 825a.46 are appropriate for use in proffering gifts to the Department of the Air Force for the benefit or use of the Air Force Academy. The language set forth below should be recommended for use only in those special cases in which (a) An individual intends to proffer a gift to the Department of the Air Force for the benefit or use of the Air Force Academy; (b) the total amount of his charitable contributions (including the proposed gift to the Academy) during the taxable year for income tax purposes will exceed 20 percent of his adjusted gross income; and (c) he expresses a desire to claim the benefit of the provisions of section 170(b)(1)(A)(ii) of the Internal Revenue Code of 1954, which authorize an additional deduction of up to 10 percent of the taxpayer's adjusted gross income for charitable contributions to certain educational organizations. In such special cases, Air Force personnel may recommend that the following language be substituted for the last paragraph of § 825a.46:

The herein described gift and transfer of said property is made for the benefit of or use in connection with the establishment, operation, or maintenance of the United States Air Force Academy, or any organization or institution which may be established in the future as the successor to the United States Air Force Academy, in conformance with 10 U.S.C. 2601.

By order of the Secretary of the Air Force.

FREDERICK A. RYKER,
Lt. Colonel, U.S. Air Force, Chief, Special Activities Group, Office of The Judge Advocate General.

[F.R. Doc. 65-8731; Filed, Aug. 18, 1965; 8:45 a.m.]

Title 41—PUBLIC CONTRACTS AND PROPERTY MANAGEMENT

Chapter 8—Veterans Administration

PART 8-1—GENERAL

Procurement Sources

1. In § 8-1.302-1(a), subparagraph (7) is amended to read as follows:

§ 8-1.302-1 General.

(a) * * *

(7) Federal prison industries and blind-made products with the following exceptions:

(i) Shoes, work and dress. (FPI Clearance No. C-4186, May 11, 1965.)

(ii) Civilian suits, including sport coats, dress slacks, and overcoats. (FPI Clearance No. C-69939, Mar. 5, 1957.)

* * * * *

2. The headnote of § 8-1.305-4 is amended to read as follows:

§ 8-1.305-4 Optional use of interim Federal specifications.

* * * * *

(Sec. 205(c), 63 Stat. 390, as amended, 40 U.S.C. 486(c); sec. 210(c), 72 Stat. 1114, 38 U.S.C. 210(c))

These regulations are effective immediately.

Approved: August 13, 1965.

By direction of the Administrator.

[SEAL] A. T. MCANSH,
Acting Associate Deputy Administrator.

[F.R. Doc. 65-8759; Filed, Aug. 18, 1965; 8:47 a.m.]

Title 33—NAVIGATION AND NAVIGABLE WATERS

Chapter II—Corps of Engineers, Department of the Army

PART 203—BRIDGE REGULATIONS

Correction

F.R. Document 65-8219, appearing at 30 F.R. 9766, August 5, 1965, is corrected by changing the section number "§ 203.-277," in the first column near the top of page 9766, to read "§ 203.227."

J. C. LAMBERT,
Major General, U.S. Army, The Adjutant General.

[F.R. Doc. 65-8733; Filed, Aug. 18, 1965; 8:45 a.m.]

Title 47—TELECOMMUNICATION

Chapter I—Federal Communications Commission

[FCC 65-742; RM-535]

PART 83—STATIONS ON SHIPBOARD IN THE MARITIME SERVICES

Station Documents

1. The North Pacific Marine Radio Council, Inc., 820 Minor Avenue North, Seattle 9, Wash., has filed a petition requesting that section 8.367 (now 83.367) of the Commission's rules be amended to permit licensees of ship radiotelephone stations not subject to the Safety Convention the option of maintaining on board the Marine Radio Telephony Manual published by the Radio Technical Commission for Marine Services in lieu of Part 83 of the rules. Petitioner states that the RTCM Manual is a handy pamphlet containing a readable, easily understood, and accurate summary of the rules and regulations pertaining to operation in the 2000-3500 kc/s band on voluntarily equipped vessels.

2. The rules governing stations in the maritime services, where safety of life at sea is of primary importance, include detailed rules relating to operational procedures. These rules concern such matters as frequencies to be used for distress, procedures to be used in transmitting distress signals, procedures to be used in acknowledging distress signals, control of distress communications, and procedures relating to the use of urgency and safety signals. Also included are procedural rules concerning communications other than distress, safety and urgent communications, and rules relating to station licensing, operator requirements, station identification, the use of frequencies, transmitter adjustment and maintenance, secrecy of communications, and other matters with which a station licensee should be familiar. Thus, to assure that licensees have current information concerning the licensing and use of their ship radio stations, each licensee should have available a copy of Part 83 of the Commission's rules.

3. However, recognizing the lack in some instances of appropriate storage space and the fact that the operator of a small boat normally does not have an opportunity to use Part 83 while operating the boat, the rule amendments herein ordered would permit licensees of voluntarily equipped vessels to retain Part 83 of the rules in a suitable place on shore rather than on shipboard. There is no objection, of course to providing a copy of the RTCM Manual on board the vessel if the boat operator desires to do so.

4. The amendments herein ordered are minor in nature and, hence, it is unnecessary to comply with the prior notice, procedure, and effective date provisions of section 4 of the Administrative Procedure Act.

5. *Accordingly, it is ordered,* Effective August 20, 1965, that Part 83 of the Commission's rules is amended as set forth below.

6. *It is further ordered,* That this proceeding is terminated.

(Sec. 4, 48 Stat. 1066, as amended; 47 U.S.C. 154. Interprets or applies sec. 303, 48 Stat. 1082, as amended; 47 U.S.C. 303)

Adopted: August 10, 1965.

Released: August 11, 1965.

FEDERAL COMMUNICATIONS COMMISSION,[1]

[SEAL] BEN F. WAPLE,
Secretary.

A. Part 83, Stations on Shipboard in the Maritime Services, is amended as follows:

1. Section 83.367 is amended by revising paragraph (b) to read:

§ 83.367 Station documents.

* * * * *

(b) Ship radiotelephone stations not subject to the Safety Convention shall be provided with the documents listed in subparagraphs (1), (2), (3), and (6) of paragraph (a) of this section: *Provided,* That, at the option of the licensee of a voluntarily equipped radiotelephone station the required copy of Part 83 of the Commission's rules may be retained in a suitable place on shore in lieu of being provided aboard the vessel.

[F.R. Doc. 65-8784; Filed, Aug. 18, 1965; 8:49 a.m.]

[1] Commissioners Hyde, Acting Chairman; Lee and Cox acting as a board.

Title 50—WILDLIFE AND FISHERIES

Chapter I—Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Department of the Interior

PART 32—HUNTING

Crab Orchard National Wildlife Refuge, Ill.

The following special regulation is issued and is effective on date of publication in the FEDERAL REGISTER.

§ 32.12 Special regulations; migratory game birds; for individual wildlife refuge areas.

ILLINOIS

CRAB ORCHARD NATIONAL WILDLIFE REFUGE

Public hunting of mourning doves on the Crab Orchard National Wildlife Refuge is permitted from 12 noon c.s.t., September 1, 1965, until sunset November 9, 1965, but only on the area designated by signs as open to hunting. This open area comprising approximately 12,380 acres, is delineated on a map available at the refuge headquarters and from the Regional Director, Bureau of Sport Fisheries and Wildlife, Minneapolis, Minn., 55408. Hunting shall be in accordance with all applicable State and Federal regulations subject to the following special conditions:

(1) Dogs—not to exceed two dogs per hunter may be used to retrieve mourning doves.

The provisions of this special regulation supplement the regulations which govern hunting on wildlife refuges generally which are set forth in Title 50, Code of Federal Regulations, Part 32, and in the current Federal Migratory Bird Regulations. The provisions of this special regulation are effective to November 10, 1965.

URBAN C. NELSON,
Acting Regional Director, Bureau of Sport Fisheries and Wildlife.

AUGUST 12, 1965.

[F.R. Doc. 65-8760; Filed, Aug. 18, 1965; 8:47 a.m.]

PART 32—HUNTING

Mark Twain National Wildlife Refuge, Ill.

The following special regulation is issued and is effective on date of publication in the FEDERAL REGISTER.

§ 32.22 Special regulations; upland game; for individual wildlife refuge areas.

ILLINOIS

MARK TWAIN NATIONAL WILDLIFE REFUGE

Public hunting of black, gray, and fox squirrels on the Mark Twain National Wildlife Refuge, Ill., is permitted from sunrise September 1, 1965, to sunset September 17, 1965, only on the areas of the Gardner Unit designated by signs as open to hunting. These open areas, comprising 4,200 acres of the total Gardner Unit area, are delineated on a map available at the refuge headquarters and from the Regional Director, Bureau of Sport Fisheries and Wildlife, 1006 West Lake Street, Minneapolis, Minn., 55408. Hunting shall be in accordance with all applicable State regulations concerning the hunting of squirrels subject to the following conditions:

(1) A Federal permit is required to enter the public hunting area. Permits may be obtained from the Mark Twain National Wildlife Refuge headquarters, Quincy, Ill.

The provisions of this special regulation supplement the regulations which govern hunting on wildlife refuge areas generally which are set forth in Title 50, Code of Federal Regulations, Part 32.

The provisions of this special regulation are effective to September 18, 1965.

URBAN C. NELSON,
Acting Regional Director, Bureau of Sport Fisheries and Wildlife.

AUGUST 12, 1965.

[F.R. Doc. 65-8761; Filed, Aug. 18, 1965; 8:47 a.m.]

Proposed Rule Making

DEPARTMENT OF THE INTERIOR

Bureau of Land Management

[43 CFR Subpart 2236]

SPECIAL USES

Permits

Basis and purpose. Notice is hereby given that pursuant to the authority vested in the Secretary of the Interior by section 2478 of the Revised Statutes (43 U.S.C. 1201), it is proposed to amend 43 CFR Subpart 2236 as set forth below.

A purpose of this amendment is to protect and provide more effectively for maintenance of the natural beauty along roads. This amendment provides that no permit will be allowed for the erection of an advertising display on public lands less than 1,000 feet from the edge of any road right-of-way.

The amendment also rearranges existing provisions to provide an improved sequence. It also provides regulations for drilling for water wells, as well as certain minor revisions.

It is the policy of the Department of the Interior, whenever practicable, to afford the public an opportunity to participate in the rule making process. Accordingly, interested persons may submit written comments, suggestions, or objections with respect to the proposed amendments to the Bureau of Land Management, Washington, D.C., 20240, within 30 days of the date of publication of this notice in the FEDERAL REGISTER.

Subpart 2236 is revised in its entirety to read as follows:

Subpart 2236—Permits

§ 2236.0–2 Objectives.

(a) *General.* It is the policy of the Secretary of the Interior, in the administration of the public lands, to permit the beneficial use thereof, where practical, for special purposes not specifically provided for by the existing public land laws. Permits for such special use cannot be issued, however, in any case where the provisions of any public land law may be invoked. Permits will not be issued where issuance would otherwise be inconsistent with the objectives of the regulations in this chapter or would be in conflict with any Federal or State laws.

§ 2236.0–3 Authority.

Revised Statutes section 453 (1875), 43 U.S.C. 2 provides that the Director, Bureau of Land Management, shall perform, under the direction of the Secretary of the Interior, all executive duties appertaining to the surveying and sale of the public lands of the United States, or in anywise regarding such public lands.

§ 2236.0–5 Definitions.

For the purposes of the regulations in this subpart,

(a) The term "advertising displays" means any signs or other devices erected or maintained for outdoor advertising or for outdoor public information purposes, except signs erected and maintained by Federal, State, or local highway authorities within highway rights-of-way.

(b) The word "highway" is used in its general sense to include all routes of public surface travel.

(c) The term "public lands" means lands administered by the Secretary of the Interior through the Bureau of Land Management.

§ 2236.1 General provisions.

§ 2236.1–1 Application.

(a) *Qualification of applicants.* Applications pursuant to this subpart may be filed by any of the following: (1) Any person 21 years of age, or over, who is a citizen of the United States, or who has declared his intention to become a citizen, (2) any group or association composed of such persons, (3) any corporation organized under the laws of the United States or of any State thereof, authorized to conduct business in the State in which the land involved is situated, (4) any agency of the Federal Government, or (5) any State or political subdivision thereof.

(b) *Form to be used.* Applications must be executed on a form approved by the Director.

(c) *Filing.* The application may be filed in any office of the Bureau of Land Management having jurisdiction over the lands.

§ 2236.1–2 Fees.

Each application for a special land-use permit or a renewal thereof must be accompanied by a nonrefundable application service fee of $10. However, no charges will be made for applications by agencies of the Federal Government or agencies of the States and political subdivisions thereof.

§ 2236.1–3 Permits and renewals.

(a) *Terms; general.* (1) A special land-use permit will be revocable in the discretion of the authorized officer at any time, upon notice, if in his judgment the lands should be devoted to another use, or the conditions of the permit have been breached.

(2) A special land-use permit will not be issued for a larger area than the authorized officer determines is necessary for the contemplated use. The land may be surveyed or unsurveyed.

(b) *Stipulations.* A special land-use permit shall contain such stipulations as the authorized officer considers necessary to protect the lands and resources involved and the public interest in general.

(c) *Renewals.* Upon the expiration of a permit, if the permittee has complied with the provisions thereof, he will, upon the filing of an application for renewal, be the preferred applicant for a new permit, under regulations then in force, provided no superior claim to the land has been asserted in the meantime. Renewal, if granted, will be in the form of a new permit.

§ 2236.1–4 Rental charges.

(a) Each permittee will be required to pay to the Bureau of Land Management, in advance, a rental determined by the authorized officer as the fair market value of the privileges granted. The authorized officer will determine whether payments will be annual or otherwise; he may adjust the rental at the end of each payment period. In no case will the minimum rental charge be fixed at less than $10 per payment.

(b) No rental charges will be made for special land-use permits to agencies of the Federal Government and agencies of States and political subdivisions thereof.

(c) No refunds of rentals properly paid will be made because of the revocation of the permit at any time, or because of interference with or prevention of the exercise of the privileges granted by the permit, by mineral prospectors, locators, licensees, permittees, lessees, or patentees, or by permittees under the Act of June 8, 1906 (34 Stat. 225; 16 U.S.C. 431–433), or by grantees or permittees of rights-of-way under existing laws.

§ 2236.1–5 Rights of applicants and permittees.

(a) *Occupancy of land prior to permit.* An application for special land-use permit will not entitle the applicant to occupy the land prior to the issuance of a permit. Any occupation of the land prior to the issuance of a permit under this or other applicable regulation, or any use thereafter except in accordance with the terms of the permit, is unauthorized, and constitutes a trespass (see Subpart 9239 of this chapter).

(b) *Timber and other materials.* A special land-use permit will not entitle an applicant to cut and remove timber or remove any other materials from the land. If he wishes to do so, he must make application therefor in accordance with the governing laws and regulations.

(c) *Assignment of permit.* (1) A permittee may not assign a permit or any interest therein without the approval of the authorized officer. Proposed assignments must be accompanied by a statement signed by the assignee agreeing to be bound by the provisions of the permit if the assignment is approved, and a showing that the assignee possesses the qualifications set out in § 2236.1–1(a).

(2) All applications for assignment of special land-use permits must be accompanied by a nonrefundable application service fee of $10.

(d) *Removal of improvements.* After the revocation or expiration of a permit, the permittee may, within the time specified by the authorized officer, remove all structures which have been placed upon the premises by him or his assignor, provided all rental charges due the Govern-

ment have been paid. If the permittee fails to make payment of the rental charges within 30 days from receipt of notice requiring payment or, upon revocation or expiration of the permit, fails to remove the structures within the time required by the authorized officer, the structures will become the property of the United States.

§ 2236.1–6 Segregative effect.

Special land-use permits will be subject to valid adverse claims theretofore or thereafter acquired and to the filing of applications and the acquisition of rights by others, including:

(a) Applications and selections under nonmineral laws, subject to the revocation of the permit.

(b) Prospecting, location, developing, mining, entering, leasing, or patenting of minerals under the applicable general mining laws or mineral leasing laws.

(c) Permits issued under the Act of June 8, 1906 (34 Stat. 225; 16 U.S.C. 431–433), to explore for objects of antiquity on the public lands.

(d) The acquisition by grant or permit of rights-of-way under existing laws.

§ 2236.2 Special provisions.

§ 2236.2–1 Advertising displays.

(a) *Applicability of general regulations.* All the general provisions of § 2236.1 not inconsistent with the special provisions relating to permits for advertising displays are applicable to such permits.

(b) *Applications.* In addition to the requirements of § 2236.1–1, an application for a special land-use permit for an advertising display shall contain sufficient information concerning the nature, design, and lighting effect, if any, of the display to enable its construction from the description. A sketch or photograph showing the display, and a photograph showing the location on which it is to be placed, must be furnished. The application must identify the highway along which it is proposed to erect the display and must give the distance and direction of the site, measured by highway travel to the nearest cities or towns.

(c) *Additional requirements.* In addition to the requirements of §§ 2236.02 and 2236.1 hereof:

(1) No permit for erection and maintenance of advertising displays on public lands adjacent to the National System of Interstate and Defense Highway (23 U.S.C.) will be issued under the regulations of this part, except in conformity with, and subject to, the national standards prepared and promulgated by the Secretary of Commerce.

(2) No permit for erection and maintenance of advertising displays on public lands adjacent to any other highway will be issued under the regulations of this part if the proposed display would not conform with the standards or policies established by the appropriate State or local governmental entities which have authority to establish such standards or policies.

(3) Where the authorized officer finds that established standards or policies are insufficient adequately to promote the safety, convenience, and enjoyment of public travel, to protect the public investment in the highway or in the adjacent public lands, to preserve for the public significant scenic or other recreational values in the public lands, to prevent the destruction and to insure the preservation of nature and natural beauty adjacent to the highways, or otherwise to protect the public interest, he shall establish such additional standards as he may deem appropriate in the circumstances, giving due consideration to the need for directional and other official signs; the desirability of permitting, where alternative sites are not readily available, signs advertising legitimate activities being conducted at a location within a reasonable distance thereof; and the interest of the traveling public in, and its need for, specific types of information.

(4) Notwithstanding any other provision of this subpart, no permit will be issued for the erection and maintenance of advertising displays on public lands less than 1,000 feet from the edge of any highway right-of-way.

(d) *Identification of authorized advertising displays.* Each advertising display erected or maintained under a permit issued pursuant to the regulations of this subpart, must, for convenient identification, have the serial number of such permit marked or painted thereon.

§ 2236.2–2 Water wells.

(a) *Applicability of general regulations.* All the general provisions of § 2236.1 not inconsistent with the special provisions relating to permits for drilling water wells are applicable to such permits.

(b) *Additional requirements.* (1) Renewals may be granted only if, before the expiration of his prior permit, the applicant has:

(i) Actually initiated well drilling on the land, with a firm commitment to have the well completed without delay; or

(ii) Encountered unforeseeable difficulty, and although no drilling has been initiated, has made a firm commitment to have the well completed without delay.

(2) Permits for exploratory wells shall provide:

(i) That any well, including its casing, when drilled on public domain pursuant to permit, will become the property of the United States if and when the permittee must abandon it.

(ii) That the permittee will notify the authorized officer of the Bureau of abandonment or proposed abandonment of any well drilled pursuant to permit.

(iii) That the permittee agrees to cap or plug the well, and to restore the site, upon request and to the satisfaction of the authorized officer, if and when the permittee must abondon the well.

(iv) Any provisions with reference to testing of the well or examination of records, which the authorized officer may require.

(3) The authorized officer may require a surety bond as a condition precedent to the issuance of a well permit, to insure proper capping or plugging of the well and restoration of the site.

STEWART L. UDALL,
Secretary of the Interior.

AUGUST 13, 1965.

[F.R. Doc. 65–8762; Filed, Aug. 18, 1965; 8:47 a.m.]

FEDERAL AVIATION AGENCY

[14 CFR Part 71]

[Airspace Docket No. 65–CE–95]

TRANSITION AREA

Proposed Alteration

The Federal Aviation Agency is considering an amendment to Part 71 of the Federal Aviation Regulations which would alter controlled airspace in the Appleton, Wis., terminal area.

The Appleton, Wis., transition area is presently designated as that airspace extending upward from 700 feet above the surface within a 4-mile radius of Outagamie County Airport, Appleton, Wis., (latitude 44°17'05" N., longitude 88°21'55" W.), and within 2 miles each side of the 089° bearing from the airport, extending from the 4-mile radius area to 8 miles E of the airport.

The Federal Aviation Agency, having completed a comprehensive review of the terminal airspace structural requirements in the Appleton, Wis., terminal area as the result of the recent installation of a radio beacon on the new Outagamie County Airport, Appleton, Wis., and the development of two new ADF instrument approach procedures utilizing the radio beacon as a navigational aid, proposes the following airspace action:

Alter the Appleton, Wis., transition area to comprise that airspace extending upward from 700 feet above the surface within a 5-mile radius of Outagamie County Airport, Appleton, Wis. (latitude 44°15'40" N., longitude 88°31'-10" W.), within 2 miles each side of the 135° bearing from Outagamie County Airport extending from the 5-mile radius area to 8 miles SE of the airport, and within 2 miles each side of the 285° bearing from Outagamie County Airport extending from the 5-mile radius area to 8 miles W of the airport.

The proposed transition area will provide controlled airspace protection for aircraft executing the prescribed instrument approach procedures for the new Outagamie County Airport during their descent from 1,500 feet to 700 feet above the surface and for departing aircraft during their climb from 700 feet to 1,200 feet above the surface. The proposed transition area would automatically rescind the 700-foot floor transition area at the old Outagamie County Airport.

Floors of the airways that will traverse the transition area proposed herein would automatically coincide with the floor of the transition area.

Specific details concerning the new approach procedures may be examined by contacting the Chief, Airspace Branch, Air Traffic Division, Central

Region, Federal Aviation Agency, 4825 Troost Avenue, Kansas City, Mo., 64110.

Interested persons may submit such written data, views, or arguments as they may desire. Communications should be submitted in triplicate to the Director, Central Region, Attention: Chief, Air Traffic Division, Federal Aviation Agency, 4825 Troost Avenue, Kansas City, Mo., 64110. All communications received within 45 days after publication of this notice in the FEDERAL REGISTER will be considered before action is taken on the proposed amendment. No public hearing is contemplated at this time, but arrangements for informal conferences with Federal Aviation Agency officials may be made by contacting the Regional Air Traffic Division Chief. Any data, views, or arguments presented during such conferences must also be submitted in writing in accordance with this notice in order to become part of the record for consideration. The proposal contained in this notice may be changed in the light of comments received.

The public docket will be available for examination by interested persons in the office of the Regional Counsel, Federal Aviation Agency, 4825 Troost Avenue, Kansas City, Mo., 64110.

This amendment is proposed under the authority of section 307(a) of the Federal Aviation Act of 1958 (49 U.S.C. 1348).

Issued at Kansas City, Mo., on July 28, 1965.

DONALD S. KING,
Acting Director, Central Region.

[F.R. Doc. 65-8754; Filed, Aug. 18, 1965; 8:46 a.m.]

[14 CFR Part 71]

[Airspace Docket No. 65-CE-94]

CONTROL ZONE AND TRANSITION AREA

Proposed Designation

The Federal Aviation Agency is considering an amendment to Part 71 of the Federal Aviation Regulations to designate controlled airspace in the Mankato, Minn., terminal area.

The Federal Aviation Agency, having completed a comprehensive review of the terminal airspace structural requirements in the Mankato, Minn., terminal area, including studies attendant to the implementation of the provisions of Amendments 60-21 (26 F.R. 570) and 60-29 (27 F.R. 4012) of Part 60 of the Civil Air Regulations, proposes to take the following airspace actions:

(1) Designate a control zone at Mankato, Minn., to comprise that airspace within a 5-mile radius of the Mankato Municipal Airport (latitude 44°08'44" N., longitude 93°59'04" W.) and within 2 miles each side of the Mankato VOR 149° radial extending from the 5-mile radius zone to 8 miles SE of the VOR. This control zone will be effective during the times designated by a Notice to Airmen and continuously published in the Airman's Information Manual.

(2) Designate a transition area at Mankato, Minn., to comprise that airspace extending upward from 700 feet above the surface within a 5-mile radius of Mankato Municipal Airport (latitude 44°08'44" N., longitude 93°59'04" W.) and within 2 miles each side of the Mankato VOR 149° radial, extending from the 5-mile radius area to 8 miles SE of the VOR, and that airspace extending upward from 1,200 feet above the surface within 5 miles SW and 8 miles NE of the Mankato VOR 149° and 329° radials, extending from 13 miles SE to 7 miles NW of the VOR.

The proposed control zone and control zone extension, when effective, will provide protection for aircraft executing prescribed departure and approach procedures at the Mankato, Minn., Municipal Airport during the hours of operation of the weather reporting service to be provided by certificated personnel of North Central Airlines. The normal hours for the taking of these weather observations, and the dissemination of this information, are dependent on airline scheduling operations, and will be initially specified in the final rule. Normally, 30 days notice will be given prior to any change of these hours by a Notice to Airmen and continuously published in the Airman's Information Manual.

The proposed transition area extending upward from 700 feet above the surface will provide protection for aircraft executing prescribed arrival and departure procedures when they are between 700 feet and 1,500 feet above the surface during the times that the control zone is not in effect. The proposed transition area extending upward from 1,200 feet above the surface will provide protection for aircraft in the procedure turn portion of the instrument approach procedure, and for those aircraft holding southeast of the Mankato VOR.

The floors of the airways which would traverse the transition area proposed herein would automatically coincide with the floor of the transition area.

Interested persons may submit such written data, views, or arguments as they may desire. Communications should be submitted in triplicate to the Director, Central Region, Attention: Chief, Air Traffic Division, Federal Aviation Agency, 4825 Troost Avenue, Kansas City, Mo., 64110. All communications received within 45 days after publication of this notice in the FEDERAL REGISTER will be considered before action is taken on the proposed amendment. No public hearing is contemplated at this time, but arrangements for informal conferences with Federal Aviation Agency officials may be made by contacting the Regional Air Traffic Division Chief. Any data, views, or arguments presented during such conferences must also be submitted in writing in accordance with this notice in order to become part of the record for consideration. The proposal contained in this notice may be changed in the light of comments received.

The public docket will be available for examination by interested persons in the office of the Regional Counsel, Federal Aviation Agency, 4825 Troost Avenue, Kansas City, Mo., 64110.

This amendment is proposed under the authority of section 307(a) of the Federal Aviation Act of 1958 (49 U.S.C. 1348).

Issued at Kansas City, Mo., on July 30, 1965.

DONALD S. KING,
Acting Director, Central Region.

[F.R. Doc. 65-8755; Filed, Aug. 18, 1965; 8:46 a.m.]

[14 CFR Part 71]

[Airspace Docket No. 65-CE-103]

TRANSITION AREA

Proposed Designation

The Federal Aviation Agency is considering an amendment to Part 71 of the Federal Aviation Regulations to designate controlled airspace at Charles City, Iowa.

A public use instrument approach procedure is planned for the Charles City, Iowa, Airport. No controlled airspace presently exists in the Charles City, Iowa, terminal area.

The Federal Aviation Agency, having completed a comprehensive review of the airspace structural requirements in the Charles City terminal area, proposes the following airspace action:

Designate the Charles City, Iowa, transition area as that airspace extending upward from 700 feet above the surface within a 5-mile radius of the Charles City, Iowa, Municipal Airport (latitude 43°04'25" N., longitude 92°36'35" W.) and within 2 miles each side of the 313° bearing from the airport, extending from the 5-mile radius area to 8 miles northwest of the airport; and that airspace extending upward from 1,200 feet above the surface within 5 miles SW and 8 miles NE of the 313° bearing from the airport, extending from the airport to 12 miles NW of the airport excluding that portion which overlies the Leroy, Iowa, transition area.

The proposed transition area extending upward from 700 feet above the surface will provide protection for aircraft executing prescribed arrival and departure procedures at the Charles City Airport. The extension to the NW will provide protection for arriving aircraft during the final approach portion of the instrument approach procedure. The proposed transition area extending upward from 1,200 feet above the surface will provide protection for aircraft during the procedure turn portion of the instrument approach procedure. The proposed instrument approach procedure will be made effective concurrently with the designation of the proposed transition area.

The floors of the airways which would traverse the transition area proposed herein would automatically coincide with the floor of the transition area.

Specific details of the public instrument approach procedure to be used may be examined by contacting the Chief, Airspace Branch, Air Traffic Division, Central Region, Federal Aviation Agency, 4825 Troost Avenue, Kansas City, Mo., 64110.

Interested persons may submit such written data, views, or arguments as they may desire. Communications should be submitted in triplicate to the Director, Central Region, Attention: Chief, Air Traffic Division, Federal Aviation Agen-

cy, 4825 Troost Avenue, Kansas City, Mo., 64110. All communications received within 45 days after publication of this notice in the FEDERAL REGISTER will be considered before action is taken on the proposed amendment. No public hearing is contemplated at this time, but arrangements for informal conferences with Federal Aviation Agency officials may be made by contacting the Regional Air Traffic Division Chief. Any data, views, or arguments presented during such conferences must also be submitted in writing in accordance with this notice in order to become part of the record for consideration. The proposal contained in this notice may be changed in the light of comments received.

The public docket will be available for examination by interested persons in the office of the Regional Counsel, Federal Aviation Agency, 4825 Troost Avenue, Kansas City, Mo., 64110.

This amendment is proposed under the authority of section 307(a) of the Federal Aviation Act of 1958; 49 U.S.C. 1348.

Issued at Kansas City, Mo., on August 6, 1965.

DONALD S. KING,
Acting Director, Central Region.

[F.R. Doc. 65-8756; Filed, Aug. 18, 1965; 8:46 a.m.]

[14 CFR Part 71]

[Airspace Docket No. 65-WE-46]

CONTROL ZONES, CONTROL AREA EXTENSIONS AND TRANSITION AREA

Proposed Alteration; Revocation and Designation

The Federal Aviation Agency is considering amendments to Part 71 of the Federal Aviation Regulations which would alter the controlled airspace in the Seattle, Wash., terminal area.

The Agency, having completed a comprehensive review of the terminal airspace structure requirements in the Seattle area, including studies attendant to the implementation of the provisions of CAR Amendments 60-21/60-29, proposes the following airspace actions:

1. Alter the Olympia, Wash., control zone by redesignating it as that airspace within a 5-mile radius of Olympia Municipal Airport (latitude 46°58'15" N., longitude 122°54'00" W.), within 2 miles each side of the Olympia VOR 195° radial, extending from the 5-mile radius zone to 5.5 miles S of the VOR, and within 2 miles each side of the Olympia VOR 007° radial, extending from the 5-mile radius zone to 5.5 miles N of the VOR.

2. Alter the Fort Lewis, Wash., control zone by redesignating it as that airspace within a 5-mile radius of Gray AAF, Fort Lewis, Wash. (latitude 47°04'55" N., longitude 122°34'55" W.), excluding the portions within the Tacoma, Wash. (McChord AFB) control zone and the portion east of a line 2 miles W of and parallel to the McChord AFB VOR 182° radial.

3. Alter the Tacoma, Wash. (Tacoma Industrial Airport) control zone by redesignating it within a 5-mile radius of Tacoma Industrial Airport (latitude 47°15'55" N., longitude 122°34'40" W.), excluding the portion E of a line 2 miles E of and parallel to the 009° bearing from the Gray AAF RBN; within 2 miles each side of the 009° bearing from the Gray AAF RBN, extending from the 5-mile radius zone to 1 mile N of the RBN, excluding the portion within the McChord AFB control zone, and within 2 miles each side of the 187° bearing from the Tacoma Industrial RBN, extending from the 5-mile radius zone to 1 mile S of the RBN. The control zone will be effective during the times established in advance by a Notice to Airmen and continuously published in the Airman's Information Manual.

4. Alter the Tacoma, Wash. (McChord AFB) control zone by redesignating it as that airspace within a 5-mile radius of McChord AFB (latitude 47°08'20" N., longitude 122°28'30" W.), excluding the portion SW of a line extending from latitude 47°09'12" N., longitude 122°35'15" W., to latitude 47°04'15" N., longitude 122°31'15" W.; within 2 miles each side of the McChord AFB VOR 182° radial, extending from the 5-mile radius zone to 7 miles S of the VOR and within 2 miles each side of the McChord AFB ILS localizer S course, extending from the 5-mile radius zone to 1 mile N of the McChord RBN.

5. Alter the Seattle, Wash. (NAS Seattle) control zone by redesignating it as that airspace within a 5-mile radius of NAS Seattle (latitude 47°40'50" N., longitude 122°15'10" W.), excluding the portion W of longitude 122°19'30" W.; within a 1-mile radius of Kenmore Air Harbor, Seattle, Wash. (latitude 47°45'-25" N., longitude 122°15'25" W.); within 2 miles each side of the NAS Seattle TACAN 336° radial, extending from the 5-mile radius zone to 6.5 miles N of the TACAN, and within 2 miles each side of the NAS Seattle TACAN 175° radial, extending from the 5-mile radius zone to 5.5 miles S of the TACAN. The portions within the Seattle (Boeing Field Airport) control zone are excluded.

6. Alter the Seattle, Wash. (Seattle-Tacoma International Airport) control zone by redesignating it as that airspace bounded by a line beginning at latitude 47°29'20" N., longitude 122°13'33" W., thence S to latitude 47°28'09" N., longitude 122°13'33" W., thence SE to latitude 47°27'00" N., longitude 122°11'50" W., thence clockwise along the arc of a 5-mile radius circle centered on Seattle-Tacoma International Airport (latitude 47°26'50" N., longitude 122°18'30" W.) to latitude 47°29'30" N., longitude 122°23'10" W., thence E to the point of beginning, and within 2 miles each side of the 360° bearing from the Seattle-Tacoma ILS LOM, extending from the 5-mile radius arc to LOM.

7. Alter the Seattle, Wash. (Boeing Field) control zone by redesignating it as that airspace bounded by a line beginning at latitude 47°34'10" N., longitude 122°12'40" W., thence S to latitude 47°32'10" N., longitude 122°12'40" W., thence SW to latitude 47°31'27" N., longitude 122°13'33" W., thence S to latitude 47°29'20" N., longitude 122°13'-33" W., thence W to latitude 47°29'20" N., longitude 122°23'10" W., thence clockwise along the arc of a 5-mile radius circle centered on Boeing Field Airport (latitude 47°31'45" N., longitude 122°18'00" W.) to the point of beginning, and within 2 miles each side of the 150° bearing from the Boeing ILS LOM, extending from the 5-mile radius arc to 2 miles SE of the LOM.

8. Alter the Renton, Wash., control zone by redesignating it as that airspace bounded by a line beginning at latitude 47°32'10" N., longitude 122°12'40" W., thence clockwise along the arc of a 3-mile radius circle centered on the Renton Municipal Airport (latitude 47°-29'35" N., longitude 122°12'50" W.) to latitude 47°27'00" N., longitude 122°-11'50" W., thence NW to latitude 47°-28'09" N., longitude 122°13'33" W., thence N to latitude 47°31'27" N., longitude 122°13'33" W., thence NE to the point of beginning, from 0700 to 2300 hours, local time, daily.

9. Alter the Everett, Wash., control zone by redesignating it as that airspace within a 5-mile radius of Paine Field, Everett, Wash. (latitude 47°54'40" N., longitude 122°16'50" W.); within 2 miles each side of the Paine VOR 356° radial, extending from the 5-mile radius zone to 8 miles N of the VOR and within 2 miles each side of the Paine TACAN 175° radial, extending from the 5-mile radius zone to 6.5 miles S of the TACAN.

10. Revoke the following control area extensions:

a. Seattle, Wash. (A).
b. Tacoma, Wash.
c. Toledo, Wash.

11. Designate the Seattle, Wash., transition area as that airspace extending upward from 700 feet above the surface within a 23-mile radius of McChord AFB, Tacoma, Wash. (latitude 47°08'20" N., longitude 122°28'30" W.); within a 23-mile radius of the Seattle VORTAC; within a 10-mile radius of Olympia VORTAC, within 2 miles each side of the Olympia VORTAC 170° radial, extending from the 10-mile radius area to 12 miles S of the VORTAC, within 2 miles each side of the Olympia VORTAC 195° radial, extending from the 10-mile radius area to 14 miles S of the VORTAC, and within 2 miles each side of the Olympia VORTAC 269° radial, extending from the 10-mile radius area to 14 miles W of the VORTAC; within a 23-mile radius of latitude 47°26'48" N., longitude 122°18'35" W.; within an 8-mile radius of Kitsap County Airport, Bremerton, Wash. (latitude 47°29'35" N., longitude 122°45'35" W.); that airspace N of Seattle extending from the 23-mile radius area bounded on the W by longitude 122°30'00" W., on the N by latitude 48°05'00" N., and on the E by longitude 121°55'00" W.; that airspace extending upward from 1,200 feet above the surface bounded on the E by longitude 121°35'00" W., on the SE by a line extending from latitude 46°55'00" N., longitude 121°35'00" W., to latitude 46°55'00" N., longitude 121°53'00" W., to latitude 46°45'00" N., longitude 121°-

53'00'' W., on the S by latitude 46°-45'00'' N., on the W by longitude 123°15'00'' W., and on the N by latitude 48°05'00'' N., and that airspace SW of Seattle bounded on the S by V-204, on the NW by V-27W and on the E by longitude 123°15'00'' W.; that airspace S of Seattle extending upward from 4,500 feet MSL bounded on the E by longitude 122°30'00'' W., on the S by latitude 46°-25'00'' N., on the W by V-27 and on the N by latitude 46°45'00'' N., and that airspace SW of Seattle bounded on the SE by V-27, on the SW by the arc of a 37-mile radius circle centered on the Olympia, Wash., VORTAC, and on the N by V-204; that airspace S of Seattle extending upward from 7,000 feet MSL, bounded on the E by longitude 121°-53'00'' W., on the S by latitude 46°25'00'' N., on the W by longitude 122°30'00'' W., and on the N by latitude 46°45'00'' N.; that airspace W of Seattle extending upward from 8,500 feet MSL, bounded on the E by longitude 123°15'00'' W., on the S by V-27W, on the W by longitude 123°-40'00'' W., and on the N by latitude 47°30'00'' W.; that airspace NW of Seattle extending upward from 9,500 feet MSL bounded on the E by longitude 123°15'00'' W., on the S by latitude 47°-30'00'' N., on the W by longitude 123°-40'00'' W., and on the N by latitude 48°03'00'' N., and that airspace NE of Seattle bounded on the E by longitude 121°00'00'' W., on the S by V-2N, on the W by longitude 121°35'00'' W., and on the N by latitude 48°00'00'' N. The portions within the Portland, Oreg., and Port Angeles, Wash., transition areas are excluded.

The control zones and extensions proposed for alteration herein are necessary to provide protection for aircraft executing prescribed instrument approach and departure procedures for the particular airports within the Seattle terminal area.

The Seattle transition area proposed for designation herein is required to provide protection for aircraft executing prescribed instrument approach, departure, transition, holding and radar vectoring procedures within the Seattle terminal area.

Interested persons may submit such written data, views, or arguments as they may desire. Communications should be submitted in triplicate to the Director, Western Region, Attention: Chief, Air Traffic Division, Federal Aviation Agency, 5651 West Manchester Avenue, Post Office Box 90007, Airport Station, Los Angeles, Calif., 90009. All communications received within 45 days after publication of this notice in the FEDERAL REGISTER will be considered before action is taken on the proposed amendment. No public hearing is contemplated at this time, but arrangements for informal conferences with Federal Aviation Agency officials may be made by contacting the Regional Air Traffic Division Chief. Any data, views, or arguments presented during such conferences must also be submitted in writing in accordance with this notice in order to become part of the record for consideration. The proposal contained in this notice may be changed in the light of comments received.

A public docket will be available for examination by interested persons in the office of the Regional Counsel, Federal Aviation Agency, 5651 West Manchester Avenue, Los Angeles, Calif., 90045.

This amendment is proposed under the authority of section 307(a) of the Federal Aviation Act of 1958, as amended (72 Stat. 749; 49 U.S.C. 1348).

Issued in Los Angeles, Calif., on August 9, 1965.

LEE E. WARREN,
Acting Director,
Western Region.

[F.R. Doc. 65-8757; Filed, Aug. 18, 1965; 8:46 a.m.]

[14 CFR Part 39]

[Docket No. 6484]

AIRWORTHINESS DIRECTIVES

Boeing Model 727 Series Airplanes

The Federal Aviation Agency is considering amending Part 39 of the Federal Aviation Regulations by adding an airworthiness directive applicable to Boeing Model 727 Series airplanes. There have been cracks in the lower chord of the horizontal stabilizer rear spar on the subject airplanes. Since this condition is likely to exist or develop in other aircraft of the same type design, the proposed AD would require inspection of the horizontal stabilizer rear spar on Boeing Model 727 Series airplanes.

Interested persons are invited to participate in the making of the proposed rule by submitting such written data, views, or arguments as they may desire. Communications should identify the docket number and be submitted in duplicate to the Federal Aviation Agency, Office of the General Counsel, Attention: Rules Docket, 800 Independence Avenue SW., Washington, D.C., 20553. All communications received on or before September 17, 1965, will be considered by the Administrator before taking action upon the proposed rule. The proposals contained in this notice may be changed in the light of comments received. All comments will be available, both before and after the closing date for comments, in the rules docket for examination by interested persons.

This amendment is proposed under the authority of sections 313(a), 601, and 603 of the Federal Aviation Act of 1958 (49 U.S.C. 1354(a), 1421, 1423).

In consideration of the foregoing, it is proposed to amend § 39.13 of Part 39 of the Federal Aviation Regulations by adding the following new airworthiness directive:

BOEING. Applies to all Model 727 Series airplanes.

Compliance required within the next 650 hours' time in service after the effective date of this AD for airplanes with 350 or more hours' time in service on the effective date of this AD and before the accumulation of 1,000 hours' time in service for airplanes with less than 350 hours' time in service on the effective date of this AD unless already accomplished.

To prevent further cracks in the lower chord of the horizontal stabilizer rear spar, accomplish the following:

(a) Inspect the lower chord of the horizontal stabilizer rear spar between Stabilizer Stations 188.65 and 225.54 in accordance with Paragraph II of Boeing Service Bulletin No. 55-18, dated May 14, 1965, or later FAA-approved revision.

(b) If cracks are found, repair before further flight in accordance with Paragraph II of Boeing Service Bulletin No. 55-18, dated May 14, 1965, or later FAA-approved revision, or an equivalent approved by the Aircraft Engineering Division, FAA Western Region.

NOTE: It is requested that the results of the inspection required by this AD be reported through the assigned local FAA inspector to the Aircraft Engineering Division, FAA Western Region.

Issued in Washington, D.C., on August 10, 1965.

EDWARD C. HODSON,
Acting Director,
Flight Standards Service.

[F.R. Doc. 65-8758; Filed, Aug. 18, 1965; 8:46 a.m.]

Notices

INTERSTATE COMMERCE COMMISSION

[Notice 804]

MOTOR CARRIER, BROKER, WATER CARRIER, AND FREIGHT FORWARDER APPLICATIONS

AUGUST 13, 1965.

The following applications are governed by Special Rule 1.247[1] of the Commission's general rules of practice (49 CFR 1.247), published in the FEDERAL REGISTER, issue of December 3, 1963, effective January 1, 1964. These rules provide, among other things, that a protest to the granting of an application must be filed with the Commission within 30 days after date of notice of filing of the application is published in the FEDERAL REGISTER. Failure seasonably to file a protest will be construed as a waiver of opposition and participation in the proceeding. A protest under these rules should comply with § 1.40 of the general rules of practice which requires that it set forth specifically the grounds upon which it is made and specify with particularity the facts, matters, and things relied upon, but shall not include issues or allegations phrased generally. Protests not in reasonable compliance with the requirements of the rules may be rejected. The original and six (6) copies of the protest shall be filed with the Commission, and a copy shall be served concurrently upon applicant's representative, or applicant if no representative is named. If the protest includes a request for oral hearing, such request shall meet the requirements of § 1.247(d)(4) of the special rule. Subsequent assignment of these proceedings for oral hearing, if any, will be by Commission order which will be served on each party of record.

The publications hereinafter set forth reflect the scope of the applications as filed by applicants, and may include descriptions, restrictions, or limitations which are not in a form acceptable to the Commission. Authority which ultimately may be granted as a result of the applications here noticed will not necessarily reflect the phraseology set forth in the application as filed, but also will eliminate any restrictions which are not acceptable to the Commission.

No. MC 1585 (Sub-No. 6), filed July 26, 1965. Applicant: BARNES TRUCK LINE, a corporation, Post Office Box 109, Columbia, Miss. Applicant's representative: Harold D. Miller, Jr., Suite 700 Petroleum Building, Post Office Box 1250, Jackson, Miss. Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *General commodities* (except those of unusual value, classes A and B explosives, household goods as defined by the Commission, commodities in bulk, those requiring special equipment, and those injurious to other lading), serving the plant site of the St. Regis Paper Co. located at or near Wanilla, Miss., as an off-route point in connection with applicant's authorized regular route operations. NOTE: If a hearing is deemed necessary, applicant requests it be held at Jackson, Miss.

No. MC 1641 (Sub-No. 66), filed July 30, 1965. Applicant: PEAKE TRANSPORT SERVICE, INC., Box 366, Chester, Nebr. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Fertilizer* and *fertilizer ingredients*, between points in Kansas, Missouri, Iowa, South Dakota, North Dakota, and Nebraska. NOTE: If a hearing is deemed necessary, applicant requests it be held at Kansas City, Mo.

No. MC 21170 (Sub-No. 111), filed July 28, 1965. Applicant: BOS LINES, INC., 408 South 12th Avenue, Marshalltown, Iowa. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Foodstuffs*, from points in New York on and west of a line beginning at Cape Vincent, N.Y., thence along New York Highway 12E to junction U.S. Highway 11, thence along U.S. Highway 11 to the New York-Pennsylvania State line and points in Pennsylvania in an area bounded on the north and west by U.S. Highway 11, on the south by the Pennsylvania-Maryland State line, on the east by U.S. Highway 222, and on the north by U.S. Highway 230, to points in Illinois, Indiana, Michigan, Missouri, and Ohio. NOTE: If a hearing is deemed necessary, applicant requests it be held at St. Louis, Mo.

No. MC 21170 (Sub-No. 112), filed July 28, 1965. Applicant: BOS LINES, INC., 408 South 12th Avenue, Marshalltown, Iowa. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Plastic articles*, between Sidney, Ohio, and points in Pennsylvania, and (2) *materials and supplies* used in the manufacturing, sale, and distribution of plastic articles, from points in Pennsylvania, to Sidney, Ohio. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 21170 (Sub-No. 113), filed July 28, 1965. Applicant: BOS LINES, INC., 408 South 12th Avenue, Marshalltown, Iowa. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Plastic articles*, between Sidney, Ohio, and points in Illinois, Indiana, Kentucky, and Michigan, and (2) *materials and supplies* used in the manufacture, sale, and distribution of plastic articles, from points in Illinois, Indiana, Kentucky, and Michigan, to Sidney, Ohio. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 22278 (Sub-No. 26), filed July 29, 1965. Applicant: TAKIN BROS. FREIGHT LINE, INC., Post Office Box 5000, Waterloo, Iowa. Applicant's representative: Truman A. Stockton, Jr., The 1650 Grant Street Building, Denver, Colo. Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *Dairy products*, and *bakery goods*, serving Deerfield, Ill., as an off-route point in connection with applicant's authorized regular-route operations between Hudson, Iowa, and Chicago, Ill. NOTE: If a hearing is deemed necessary, applicant requests it be held at Des Moines, Iowa, or Chicago, Ill.

No. MC 22278 (Sub-No. 27), filed July 29, 1965. Applicant: TAKIN BROS. FREIGHT LINE, INC., Post Office Box 5000, Waterloo, Iowa. Applicant's representative: Truman A. Stockton, Jr., The 1650 Grant Street Building, Denver 3, Colo. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Glassware and glass containers, with or without their equipment of caps, covers, tops, or stoppers, paper cartons, or accessories for glass containers*, from the plantsite of Anchor Hocking Glass Corp., located at Gurnee, Ill., to points in Wisconsin, Iowa, Minnesota, Missouri, Nebraska, and (2) *materials, supplies, and equipment as are used in the manufacture of glassware*, on return. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 27817 (Sub-No. 64), filed July 29, 1965. Applicant: H. C. GABLER, INC., Rural Delivery 3, Chambersburg, Pa. Applicant's representative: Christian V. Graf, 407 North Front Street, Harrisburg, Pa. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Grass stop, in rolls, metal stove shovels, metal roofing and siding, and fabricated metal building products*, from the plant site of the Penn Supply and Metal Corporation, Inc., located at Philadelphia, Pa., to points in Kentucky and Tennessee. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 29116 (Sub-No. 16), filed July 26, 1965. Applicant: DIRECT TRANSPORTS, INC., 1400 Kansas Avenue, Kansas City, Kans., 66105. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *General commodities* (except those of unusual value, classes A and B explosives, household goods as defined by the Commission, commodities in bulk, commodities requiring special equipment, and those injurious or contaminating to other lading), between St. Joseph, Mo., on the one hand, and, on the other, points in Iowa and Nebraska.

[1] Copies of Special Rule 1.247 can be obtained by writing to the Secretary, Interstate Commerce Commission, Washington, D.C., 20423.

NOTE: Applicant holds authority in MC 29116 to transport the above commodities by the Gateway of King City, Mo. The purpose of this application is to change the Gateway from King City, Mo., to St. Joseph, Mo., subject to the following: Restriction: The authority proposed herein shall be restricted against tacking with any authority presently held by carrier. Any duplication between the authority proposed herein and any other authority held by carrier shall be considered as resulting in a single operating right only, not severable by sale or otherwise. If a hearing is deemed necessary, applicant requests it be held at Kansas City, Mo.

No. MC 29566 (Sub-No. 110), filed August 5, 1965. Applicant: SOUTHWEST FREIGHT LINES, INC., 1400 Kansas Avenue, Kansas City, Kans., 66105. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, tranpsorting: *Gypsum products, building materials, roofing materials, and insulating materials*, and *materials and supplies* used in the installation of such commodities (except liquid commodities, in bulk, in tank vehicles), from the plant site of Bestwall Gypsum Co., located at or near Blue Rapids, Kans., to points in Nebraska. NOTE: If a hearing is deemed necessary, applicant requests it be held at Kansas City, Mo.

No. MC 31600 (Sub-No. 587) (AMENDMENT), filed April 15, 1965, published FEDERAL REGISTER May 13, 1965, amended August 3, 1965, and republished as amended this issue. Applicant: P. B. MUTRIE MOTOR TRANSPORTATION, INC., Calvary Street, Waltham, Mass. Applicant's representative: E. Stephen Heisley, Transportation Building, Washington, D.C. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Commodities* in bulk (except cement), (1) between points in New York, (2) from points in New York and Massachusetts to points in Massachusetts, Connecticut, Rhode Island, New Hampshire, Vermont, and Maine, and (3) from points in New York, to points in Pennsylvania. NOTE: Applicant states the service as proposed above is to be restricted to shipments having a prior movement by rail. The purpose of this republication is to include Maine as a destination State not shown in previous publication. If a hearing is deemed necessary, applicant requests it be held at New York, N.Y.

No. MC 33641 (Sub-No. 56), filed May 12, 1965. Applicant: IML FREIGHT, INC., 235 West Third South Street, Salt Lake City, Utah. Applicant's representative: Marshall G. Berol, 100 Bush Street, San Francisco, Calif., 94104. Authority sought to operate as a *common carrier*, by motor vehicle, over regular and irregular routes, transporting: Regular routes: (A) *General commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, livestock, commodities in bulk, and those requiring special equipment), (1) serving the site of the U.S. Atomic Energy plant at or near Marshall, Colo., as an off-route point in connection with applicant's authorized regular-route operations to and from Denver, Colo.; (2) between Denver, Colo., and Salt Lake City, Utah; from Denver over U.S. Highway 40 to junction Alternate U.S. Highway 40 (formerly U.S. Highway 40), thence over Alternate U.S. Highway 40 via Snyderville, Utah, to junction U.S. Highway 40, thence over U.S. Highway 40 to Salt Lake City, and return over the same route, serving all intermediate points between Kimball Junction, Utah, and Salt Lake City; (3) between Denver, Colo., and Salt Lake City, Utah; from Denver over U.S. Highway 40 to Heber, Utah, thence over U.S. Highway 189 to Provo, Utah, thence over U.S. Highway 91 to Salt Lake City, and return over the same route, serving the intermediate points of Midvale, and Murray, Utah; (B) *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, livestock, household goods as defined by the Commission, commodities in bulk, and those requiring special equipment), (1) between Salt Lake City, Utah, and Denver, Colo.; from Salt Lake City over U.S. Highway 91 to Ogden, Utah, thence over U.S. Highway 30S to Evanston, Wyo., also (1) from Salt Lake City over U.S. Highway 91 to junction Utah Highway 106 (formerly Alternate U.S. Highway 91).

Thence over Utah Highway 106 via Bountiful, and Farmington, Utah, to junction U.S. Highway 89 (formerly Utah Highway 49), thence over U.S. Highway 89 to junction U.S. Highway 30S, thence over U.S. Highway 30S to Evanston, Wyo., and (2) from Salt Lake City over U.S. Highway 40 to junction U.S. Highway 189 (formerly Utah Highway 4), near Kimball junction, Utah, thence over U.S. Highway 189 to Wanship, Utah, thence continue over U.S. Highway 189 to Evanston, Wyo.), thence over U.S. Highway 30S to junction U.S. Highway 30 near Little America, Wyo. (also from Evanston, Wyo., over U.S. Highway 189 via Oakley, Wyo., to junction U.S. Highway 30N, thence over U.S. Highway 30N via Granger, Wyo., to junction U.S. Highway 30 near Little America, Wyo.), thence over U.S. Highway 30 via Tipton, and Rawlins, Wyo., to junction unnumbered highway, thence over unnumbered highway to Walcott, Wyo., thence return over unnumbered highway to junction U.S. Highway 30, thence over U.S. Highway 30 to junction unnumbered highway (formerly U.S. Highway 30), thence over unnumbered highway via Hanna, and Elmo, Wyo., to junction U.S. Highway 30, thence over U.S. Highway 30 via Laramie, Wyo., to Cheyenne, Wyo., thence over U.S. Highway 85 to Denver (also from Laramie over U.S. Highway 287 via Fort Collins, Colo., to Denver; also from Fort Collins over Colorado Highway 14 to Ault, Colo., thence over U.S. Highway 85 to Denver), and return over the same route, serving all intermediate points; and the off-route points of Superior, and Kemmerer, Wyo., Murray, and Midvale, Utah, and points on U.S. Highway 91 between Ogden and Richmond, Utah; (2) between Salt Lake City, Utah, and Elko, Nev., over U.S. Highway 40, serving all intermediate points, and the off-route points of Cobre, and Lamoille, Nev.; (3) between Salt Lake City, Utah, and Ely, Nev.; (a) from Salt Lake City over Alternate U.S. Highway 50 (formerly U.S. Highway 50), to Ely and return over the same route; serving all intermediate points and the off-route points of Gold Hill, and Ibapah, Utah, and Cherry Creek, Egan, Tippett, Andersons Ranch, Aurum, Muncy, Ruth, and Kimberly, Nev.; (b) from Salt Lake City over U.S. Highway 40 to Wells, Nev.

Thence over U.S. Highway 93 to Becky Springs, Nev., thence over Alternate U.S. Highway 50 (formerly U.S. Highway 50) to Ely and return over the same route, serving all intermediate points and the off-route points of Gold Hill, and Ibapah, Utah, and Cherry Creek, Egan, Tippett, Andersons Ranch, Aurum, Muncy, Ruth, and Kimberly, Nev.; (4) between Omaha, Nebr., and Denver and Greeley, Colo.; (a) from Omaha over U.S. Highway 6 via Lincoln, Nebr., to Hastings, Nebr. (also from Lincoln over U.S. Highway 34 to junction U.S. Highway 281, thence over U.S. Highway 281 to Grand Island, Nebr., thence return over U.S. Highway 281 to junction U.S. Highway 34, thence over U.S. Highway 34 to Hastings), thence over to U.S. Highway 34 to Brush, Colo., thence over U.S. Highway 6 to Denver and return over the same route, serving the intermediate points of Lincoln and Hastings, Nebr., those between Hastings and Denver and those between Lincoln and Hastings, except those on U.S. Highway 6; (b) from Omaha, Nebr., to Brush, Colo., as specified above, thence continuing over U.S. Highway 34 to Greeley and return over the same route, serving the intermediate points of Lincoln and Hastings, Nebr., those between Hastings and Denver, and those between Lincoln and Hastings, except those on U.S. Highway 6; (5) between Denver, Colo., and Cheyenne, Wyo.; from Denver over U.S. Highway 87 (formerly Colorado Highway 185) to Wellington, Colo., thence over U.S. Highway 87 to Cheyenne and return over the same route, serving no intermediate points and serving the junction Colorado Highway 14 and U.S. Highway 87 for joinder purposes only, as an alternate route for operating convenience only; (6) between Denver, Colo., and Loveland, Colo.; from Denver over U.S. Highway 87 to junction U.S. Highway 34.

Thence west over U.S. Highway 34 to Loveland and return over the same route, serving no intermediate points, as an alternate route for operating convenience only; (7) between Denver, Colo., and Greeley, Colo.; from Denver over U.S. Highway 87 to junction U.S. Highway 34, thence east over U.S. Highway 34 to Greeley and return over the same route, serving no intermediate points, as an alternate route for operating convenience only; (C) *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, classes A and B explosives, livestock, household goods as defined by the Commission, commodities in bulk and those requiring special

equipment), (1) between Salt Lake City, Utah, and junction U.S. Highway 40 and 95, near Fernley, Nev.; from Salt Lake City over U.S. Highway 91 to Santaquin, Utah, thence over U.S. Highway 6 to junction unnumbered highway (formerly U.S. Highway 6), thence over unnumbered highway to junction U.S. Highway 6, thence over U.S. Highway 6 to Ely, Nev., thence over U.S. Highway 50 to Fallon, Nev., thence over U.S. Highway 95 to junction U.S. Highway 40 and return over the same route, serving the intermediate point of Eureka, Nev., all intermediate points between Delta, Utah, and Ely, Nev. (not including Delta), and all intermediate and off-route points in Nevada within 50 miles of Ely; (2) between Elko, Nev., and South San Francisco, Calif.; from Elko over U.S. Highway 40 to junction unnumbered highway (formerly U.S. Highway 40), thence over unnumbered highway via Roseville, Calif., to junction U.S. Highway 40.

Thence over U.S. Highway 40 to San Francisco, Calif., thence over U.S. Highway By-pass 101 to South San Francisco and return over the same route, serving all intermediate points in California, and the off-route points of Crockett, Martinez, Richmond, Alameda, and San Leandro, California, limited to shipments moving between points east of Elko, Nev., on the one hand, and points in California, on the other; (3) between Reno, Nev., and junction U.S. Highway 40 and Alternate U.S. Highway 40 (near Davis, Calif.); from Reno over U.S. Highway 395 to junction Alternate U.S. Highway 40, thence over Alternate U.S. Highway 40 through Quincy, Calif., to junction U.S. Highway 40 (near Davis, Calif.), serving no intermediate points, and return over the same route, as an alternate route for operating convenience only; (4) between Logan, Utah, and Garden City, Utah, over U.S. Highway 89, serving no intermediate points; (5) between Pocatello, Idaho, and Montpelier, Idaho, over U.S. Highway 30N, serving all intermediate points, and the off-route points of Grace, Ovid, Paris, Bloomington, St. Charles, and Geneva, Idaho, and Smoot, and Afton, Wyo.; (6) between Salt Lake City, Utah, and Paris, Idaho; from Salt Lake City over U.S. Highway 91 to Preston, Idaho, thence over Idaho Highway 34 to junction U.S. Highway 30N., thence over U.S. Highway 30N to Montpelier, Idaho (also, when Idaho Highway 34 is impassable due to weather condition, from Preston over U.S. Highway 91 to junction U.S. Highway 30N, thence over U.S. Highway 30N to Montpelier).

Thence over U.S. Highway 89 to Paris and return over the same route, serving all intermediate points, and the off-route points of Largo, Lava Hot Springs, Liberty, Fish Haven, Dingle, Bancroft, Conda, Henry, Geneva, St. Charles, Bloomington, and Central, Idaho; (7) between Kemmerer, Wyo., and Salt Lake City, Utah; from Kemmerer over U.S. Highway 30N to Sage, Wyo., thence over Wyoming Highway 89 to junction Utah Highway 51, thence over Utah Highway 51 to junction Utah Highway 3, thence over Utah Highway 3 to junction Wyoming Highway 89, thence over Wyoming Highway 89 to Evanston, Wyo. (also from Kemmerer over U.S. Highway 189 to Evanston), thence over U.S. Highway 30S to Ogden, Utah, thence over U.S. Highway 91 to Salt Lake City and return over the same route, serving the intermediate point of Ogden, Utah; (8) serving the mine and plant site of Central Farmers Fertilizer Co., located in Bear Lake County, Idaho, approximately 8 miles northwest of Georgetown, Idaho, as an off-route point in connection with carrier's authorized regular-route operations over U.S. Highway 30N; (9) between San Francisco, Calif., and Soledad, Calif.; from San Francisco over U.S. Highway 101 (also over U.S. Highway 101 Bypass) to the junction of the two highways near Edenvale, Calif., and thence over U.S. Highway 101 to Soledad, and return over the same route, serving all intermediate points and serving the off-route points of Natividad, Spreckels, Permanente, Alviso, and Agnew, Calif.; (10) between San Francisco, Calif., and Carmel, Calif.; over California Highway 1, serving all intermediate points and serving the off-route points of San Gregorio, Pescadero, Camp McQuaide, Seabright, Capitola, Sea Cliff, and Del Mar, Calif.; (11) between Half Moon Bay, Calif., and San Mateo, Calif.; from Half Moon Bay over unnumbered highway to junction California Highway 5, thence over California Highway 5 to junction unnumbered highway.

Thence over unnumbered highway to San Mateo and return over the same route, serving all intermediate points; (12) between San Gregorio, Calif., and Redwood City, Calif.; from San Gregorio over unnumbered highways via LaHonda and Woodside, Calif., to Redwood City and return over the same route, serving all intermediate points; (13) between Santa Cruz, Calif., and Boulder Creek, Calif.; from Santa Cruz over California Highway 9 to Boulder Creek (also from Santa Cruz over California Highway 17 to junction unnumbered highway, thence over unnumbered highway via Mt. Hermon, Calif., to junction California Highway 9, thence over California Highway 9 to Boulder Creek), and return over the same route, serving all intermediate points; (14) between San Jose, Calif., and Santa Cruz, Calif., over California Highway 17, serving all intermediate points; (15) between Gilroy, Calif., and Watsonville, Calif., over California Highway 152, serving all intermediate points; (16) between Watsonville, Calif., and San Juan, Calif., over unnumbered highway known as the Chittenden Pass Road, serving all intermediate points and serving the off-route point of Aromas, Calif.; (17) between Watsonville, Calif., and junction unnumbered highway and U.S. Highway 101, over unnumbered highway through Prunedale, Calif., serving all intermediate points; (18) between Salinas, Calif., and Castorville, Calif., over unnumbered highway, serving all intermediate points; (19) between Salinas, Calif., and Monterey, Calif.; from Salinas over unnumbered highway through Blanco, Calif., to junction California Highway 1, just north of Neponset, Calif., and thence over California Highway 1 to Monterey and return over the same route, serving all intermediate points; (20) between Salinas, Calif., and Monterey, Calif.; from Salinas over unnumbered highway through Blanco, Calif., to junction California Highway 1 just north of Marina, Calif., thence over U.S. Highway 1 to Monterey and return over the same route, serving all intermediate points; (21) between Salinas, Calif., and Pacific Grove, Calif., over unnumbered highway, serving all intermediate points; (22) between Carmel, Calif., and Robles Del Rio, Calif., over unnumbered highway through Carmel Valley, Calif., serving all intermediate points; (23) between Robles Del Rio, Calif., and Salinas, Calif., over unnumbered highway, serving all intermediate points; (24) between Gilroy, Calif., and Hollister, Calif.; from Gilroy over U.S. Highway 101 to junction California Highway 25, and thence over California Highway 25 to Hollister and return over the same route, serving all intermediate points; (25) between Hollister, Calif., and San Juan, Calif., over California Highway 156, serving all intermediate points; (26) between Richmond, Calif., and San Jose, Calif.; from Richmond over U.S. Highway 40 to junction U.S. Highway 50, thence over U.S. Highway 50 to junction California Highway 9.

Thence over California Highway 9 to junction California Highway 17, thence over California Highway 17 via Warm Springs and Milpitas, Calif., to San Jose (also from Oakland over California Highways 9 or 17 to Warm Springs, and thence over California Highway 17 to San Jose), and return over the same route, serving all intermediate points and serving the off-route points of Alameda, Newark, Alviso, Mulford Gardens, Russell, Arden, and Santa Rita, Calif.; (27) between Oakland, Calif., and Livermore, Calif.; over U.S. Highway 50, serving all intermediate points and serving the off-route point of Pleasanton, Calif.; (28) between Livermore, Calif., and San Jose, Calif.; from Livermore over unnumbered highway to junction California Highway 21, thence over California Highway 21 to junction California Highway 17, and thence over California Highway 17 to San Jose and return over the same route, serving all intermediate points and serving the off-route points of Santa Rita Prison Farm and Hearst Ranch, Calif.; (29) between San Francisco, Calif., and Tulare, Calif.; from San Francisco over U.S. Highway 40 to junction U.S. Highway 50, thence over U.S. Highway 50 to junction U.S. Highway 99, and thence over U.S. Highway 99 to Tulare and return over the same route, serving all intermediate points and serving the off-route points of Visalia, Hanford, Lyoth, and Lathrop, Calif.; (30) between Gilroy, Calif., and Tulare, Calif.; from Gilroy over California Highway 152 to junction U.S. Highway 99 at Califa, Calif., thence over U.S. Highway 99 to Tulare, and return over the same route, serving all intermediate points; (31) between San Francisco, Calif., and Oakland East Bay Area, Calif.; from San Francisco over the Oakland East Bay Bridge to Oakland East Bay Area and return over the same route, serving all intermediate points; (32) between Oakland, Calif., and Martinez, Calif.; from Oakland over U.S.

Highway 40 to junction unnumbered highway.

Thence over unnumbered highway via Crockett and Port Costa, Calif., to Martinez and return over the same route, serving all intermediate points and serving the off-route points of Berkeley, Stege Junction, Hercules, Albany, El Cerrito, Alameda, Piedmont, Emeryville, Giant, and San Leandro, Calif.; (33) between Oakland, Calif., and Antioch, Calif., over California Highway 24 serving all intermediate points and serving all off-route points within 3 miles of California Highway 24; (34) between Lafayette, Calif., and Moroga, Calif., over unnumbered highway, serving all intermediate points; (35) between Walnut Creek, Calif., and Dublin, Calif., over California Highway 21, serving all intermediate points and serving the off-route point of Diablo, Calif., and off-route points within three miles of the unnumbered highways to and from Diablo; (36) between Concord, Calif., and Byron, Calif., over Marsh Creek Road, serving all intermediate points; (37) between Antioch, Calif., and Byron, Calif., over California Highway 4, serving all intermediate points; (38) between Oakland, Calif., and Vallejo, Calif., over U.S. Highway 40, serving all intermediate points and serving the off-route point of Mare Island, Calif.; (39) between Sacramento, Calif., on the one hand, and, on the other, points on and within 3 miles of the following highways:

(a) U.S. Highway 40 between Sacramento and Loomis and Dixon, including those two points.

(b) U.S. Highway 99–E between Lincoln and Roseville, including those two points.

(c) U.S. Highway 50 between Sacramento and Clarksville, including Clarksville.

(d) California Highway 16 between Sacramento and Michigan Bar, including Michigan Bar.

(e) U.S. Highway 50 between Sacramento and Stockton, including Stockton.

(f) California Highway 24 between Sacramento and Ryde, including Ryde.

(g) California Highway 16 between Sacramento and Madison, including Madison.

(h) U.S. Highway 99–W between Zamora and junction of U.S. Highway 99–W and California Highway 16, including Zamora.

(i) Alternate U.S. Highway 40 (formerly California Highway 24) between Woodland and Robbins, including Woodland and Robbins.

(j) County Road between Sacramento and Rio Oso, including Rio Oso, via Verona and Nicolaus.

(k) California Highway 128 (formerly Californa Highway 28) between Winters and Davis, including Winters and Davis.

(l) U.S. Highway 99–W between Woodland and Davis, including those two points.

(40) All points on route 39 above, on the one hand, and, on the other, Oakland and San Francisco, Calif., over U.S. Highways 99, 99–E, 99–W, 40 and 50, and California Highways 4, 12, 24, 16, 21, and 17, serving off-route points with 3 miles of the above specified highways, on the one hand, and, on the other, Oakland, San Francisco, Calif.; (41) between San Francisco, Calif., and Vallejo, Calif.; from San Francisco over U.S. Highway 101 to junction unnumbered highway known as Atherton Avenue, thence over unnumbered highway to junction California Highway 37, thence over California Highway 37 to junction Californa Highway 48, and thence over California Highway 48 to Vallejo and return over the same route, serving all intermediate points and serving the off-route points of Mill Valley, Corte Madera, Larkspur, Kentfield, Ross, San Anselmo, Fairfax, Sausalito, Belvedere, Tiburon, California City, McNear Beach, China Camp, Santa Venetia, Rafael Village, St. Vincents, and Hamilton Field, Calif.; (42) between San Rafael, Calif., and Richmond, Calif., over the Richmond-San Rafael Bridge, serving all intermediate points and serving the off-route point of San Quentin, Calif.; (43) between San Rafael, Calif., and Napa, Calif.; from San Rafael over U.S. Highway 101 to junction California Highway 37.

Thence over California Highway 37 to junction California Highway 12, thence over California Highway 12 to Napa and return over the same route, serving all intermediate points; (44) between Napa, Calif., and Vallejo, Calif.; over California Highway 29, serving all intermediate points; (D) *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, classes A and B explosives, household goods as defined by the Commission, commodities in bulk and those requiring special equipment), (1) between Chicago, Ill., and Lincoln, Nebr.; (a) from Chicago over U.S. Highway 34 to junction Illinois Highway 65, thence over Illinois Highway 65 to Aurora, Ill., thence over Illinois Highway 31 to junction U.S. Highway 34 at or near Oswego, Ill., thence over U.S. Highway 34 via Earlville, Ill., to junction Illinois Highway 92, thence over Illinois Highway 92 to Moline, Ill., thence over U.S. Highway 6 to Lincoln and return over the same route, serving the intermediate points of Council Bluffs, Iowa, Omaha, Nebr., and those between Omaha and Lincoln, Nebr., without restriction; the intermediate point of Joliet, Ill., for pick-up only; and the intermediate point of Des Moines, Iowa, and off-route points in Nebraska for delivery only; (b) from Chicago over U.S. Highway 66 to junction Alternate U.S. Highway 66, thence over Alternate U.S. Highway 66 to Joliet, Ill., thence over U.S. Highway 30, Aurora, Ill., thence to Lincoln, as specified above, and return over the same route, serving the intermediate points of Council Bluffs, Iowa, Omaha, Nebr., and those between Omaha and Lincoln, Nebr., without restriction; the intermediate point of Joliet, Ill., for pick-up only; and the intermediate point of Des Moines, Iowa, and off-route points in Nebraska for delivery only; (c) from Chicago over Alternate U.S. Highway 30 via Dixon, and Sterling, Ill., to junction U.S. Highway 30, thence over U.S. Highway 30 to Missouri Valley, Iowa.

Thence over Alternate U.S. Highway 30 to Council Bluffs, Iowa, thence over U.S. Highway 6 to Lincoln and return over the same route, serving the intermediate points of Council Bluffs, Iowa, Omaha, Nebr., and those between Omaha and Lincoln, Nebr., without restriction; the intermediate points of Joliet, Ill., for pickup only; and the intermediate point of Des Moines, Iowa, and off-route points in Nebraska for delivery only; (2) between Mills Junction, Utah, and Eureka, Utah; from Mills Junction over Utah Highway 36 to junction U.S. Highway 6, thence over U.S. Highway 6 to Eureka and return over the same route, serving the U.S. Ordnance Depot, and the U.S. Chemical Warfare Depot, near Tooele, Utah; (3) between Paris, Idaho, and Randolph, Utah; from Paris over U.S. Highway 89 to junction Utah Highway 3, thence over Utah Highway 3 to Randolph and return over the same route. From Paris over U.S. Highway 89 to Montpelier, Idaho, thence over U.S. Highway 30N to junction Wyoming Highway 89 near Sage, Wyo., thence over Wyoming Highway 89 to Wyoming-Utah State line, thence over Utah Highway 51 to junction Utah Highway 3, thence over route described immediately above to Randolph, and return over the same route, serving the intermediate points of Bloomington, St. Charles, and Fish Haven, Idaho, Garden City, and Laketown, Utah, and Cokeville, Wyo.; (4) serving the site of the Little Mountain, Utah Production Testing Facility of the Marquardt Aircraft Co. plant approximately 11 miles west of Ogden, Utah, as an off-route point in connection with carrier's authorized regular route operations over U.S. Highway 91; (5) between Vale, Oreg., and Ontario, Oreg.; from Vale over U.S. Highway 26 (formerly U.S. Highway 28) to junction Oregon Highway 201 (formerly U.S. Highway 28).

Thence over Oregon Highway 201 to Ontario and return over the same route, serving all intermediate points and off-route points within 1 mile of route as described immediately above, and subject to the condition that no service shall be performed in connection with any shipment whose entire movement over carrier's line is between Vale, and Ontario; (6) between Prineville, Oreg., and the junction of U.S. Highway 26 and Oregon Highway 19; over U.S. Highway 26 serving all intermediate points and with service at Prineville restricted to shipments which originate at, or are destined to, points on the indicated portion of the highway specified; (7) serving Robertson and Ferguson, Mo., and the Ford Motor Co. plantsite near Robertson, as off-route points in connection with carrier's four regular-route operations described next below; (8) between St. Louis, Mo., and Cincinnati, Ohio, and Louisville, Ky.; (a) from St. Louis over U.S. Highway 50 through Shoals, Ind., to Cincinnati, and return over the same route, serving the intermediate and off-route points of Alton, East Alton, and Centralia, Ill., except for traffic originating at or destined to points in the St.

Louis, Mo., commercial zone as defined by the Commission in 2 M.C.C. 285; points in the St. Louis, Mo., commercial zone, as defined in 2 M.C.C. 285; except for traffic originating at or destined to Alton, East Alton, and Centralia, Ill., and Seymour and Lawrenceburg, Ind., points within 15 miles of Cincinnati, and those within 10 miles of Louisville, without restriction; (b) from St. Louis to Shoals, Ind., as specified immediately above, thence over U.S. Highway 150 to Louisville and return over the same route, serving the intermediate and off-route points of Alton, East Alton, and Centralia, Ill., except for traffic originating at or destined to points in the St. Louis, Mo., commercial zone, as defined by the Commission in 2 M.C.C. 285; points in the St. Louis, Mo., commercial zone, as defined in 2 M.C.C. 285; except for traffic originating at or destined to Alton, East Alton, and Centralia, Ill., and Seymour and Lawrenceburg, Ind., points within 15 miles of Cincinnati, and those within 10 miles of Louisville, without restriction; (9) between Centralia, Ill., and St. Louis, Mo.; from Centralia over U.S. Highway 51 to Sandoval, Ill.

Thence over U.S. Highway 50 to St. Louis and return over the same route, serving all intermediate points, and the off-route point of St. Rose, Ill.; (10) between East St. Louis, Ill., and Centralia, Ill.; from East St. Louis over Illinois Highway 13 to Belleville, Ill., thence over U.S. Highway 161 to Centralia and return over the same route, serving no intermediate points; (11) between Preston, Idaho, and McCammon, Idaho, over U.S. Highway 91, serving no intermediate points, as an alternate route for operating convenience only, restricted against shipments moving to, from, or through, Pocatello, Idaho, except as otherwise provided in applicant's presently effective certificate in respect of operations when Idaho Highway 34 is impassable due to weather conditions; (12) between Portland, Oreg., and junction Oregon Highway 19 and U.S. Highway 26 west of Dayville, Oreg., over U.S. Highway 26, serving no intermediate points, as an alternate route for operating convenience only, restricted to traffic moving to or from points in Grant and Herney Counties, Oreg.; (13) between Arlington, Oreg., and Cairo Junction, Oreg., from Arlington over U.S. Highway 30 to junction Oregon Highway 201, thence over Oregon Highway 201 to Cairo Junction and return over the same route, serving no intermediate points, as an alternate route for operating convenience only; (14) between Salina, Utah, and junction U.S. Highways 6 and 40 at or near Empire, Colo.; from Salina over Utah Highway 10 to Price, Utah.

Thence over combined U.S. Highways 6 and 50 to Grand Junction, Colo., thence over combined U.S. Highways 6 and 24 to Dowd, Colo., thence over U.S. Highway 6 to junction U.S. Highway 40 at or near Empire, Colo., and return over the same route, serving no intermediate points and serving Price, Utah, for joinder purposes only, as an alternate route for operating convenience only in connection with applicant's authorized regular-route operations; restricted to shipments moving between Los Angeles, Calif., on the one hand, and, on the other, Denver, Colo., and points east thereof; (15) between Thistle, Utah, and Price Utah, over combined U.S. Highways 6 and 50, serving no intermediate points, as an alternate route for operating convenience only in connection with applicant's authorized regular-route operations; (16) between Tulare, Calif., and Los Angeles, Calif.; from Tulare over U.S. Highway 99 to junction Interstate Highway 5, thence over Interstate Highway 5 to Los Angeles and return over the same route, serving no intermediate points, as an alternate route for operating convenience only in connection with applicant's authorized regular-route operations, restricted to the transportation of shipments originating at, interchanged at, or destined to points in Malheur County, Oreg., or points east of the Nevada-Utah State line and east of the Oregon-Idaho State line; (17) between Louisville, Ky., and junction U.S. Highways 421 and 50, near Versailles, Ind.; from Louisville over U.S. Highway 31E to junction Indiana Highway 62.

Thence over Indiana Highway 62 to junction Indiana Highway 107, thence over Indiana Highway 107 to junction U.S. Highway 421, thence over U.S. Highway 421 to junction U.S. Highway 50, and return over the same route, serving no intermediate points, as an alternate route for operating convenience only in connection with applicant's authorized regular-route operations between St. Louis, Mo., and Cincinnati, Ohio, restricted (1) to the transportation of commodities moving from, to or through points in the St. Louis, Mo., commercial zone, and Centralia, Ill., and (2) against the transportation of traffic moving between the Louisville, Ky., commercial zone, on the one hand, and, on the other, the Cincinnati, Ohio, commercial zone; (18) between Springfield, Mo., and Lebanon, Mo., over U.S. Highway 66, serving no intermediate points and serving Lebanon, Mo., for the purpose of joinder only, as an alternate route for operating convenience only in connection with applicant's authorized regular-route operations between East St. Louis, Ill., and Springfield, Mo.; (19) between Ontario, Oreg., and the Brownlee Dam Site; from Ontario over U.S. Highway 30 to Huntington, Oreg., thence over unnumbered highway in a northerly direction to the Brownlee Dam Site, and return over the same route, serving intermediate and off-route points within 5 miles of the dam site; (20) between Baker, Oreg., and the Brownlee Dam Site; from Baker over Oregon Highway 86 to Robinette, Oreg., thence over unnumbered highway in a northerly direction to the Brownlee Dam Site, and return over the same route, serving intermediate and off-route points within 5 miles of the dam site; (21) between Weiser, Idaho, and the Brownlee Dam Site; (a) from Weiser over U.S. Highway 95 to Cambridge, Idaho.

Thence over Idaho Highway 71 (formerly unnumbered highway) in a northwesterly direction to the Brownlee Dam Site and return over the same route, serving intermediate and off-route points within 5 miles of the dam site as stated above; (b) from Weiser over U.S. Highway 95 via Cambridge, Idaho, to Council, Idaho, thence over unnumbered highway in a northwesterly direction to Cuprum, Idaho, thence over unnumbered highway in a southerly direction to the Brownlee Dam Site and return over the same route, serving intermediate and off-route points within 5 miles of the dam site, (22) between Preston, Idaho, and McCammon, Idaho, over U.S. Highway 91, serving no intermediate points, as an alternate route for operating convenience only in connection with applicant's authorized regular-route operations between Pocatello, Idaho, and Brigham City, Utah; (23) between junction U.S. Highways 30S and 191 near Tremonton, Utah, and McCammon, Idaho, over U.S. Highway 191, serving no intermediate points as an alternate route for operating convenience only in connection with applicant's authorized regular-route operations between Pocatello, Idaho, and Brigham City, Utah; (24) between Logan, Utah, and Brigham City, Utah; from Logan over Utah Highway 69 to Collinston, Utah, thence over unnumbered county road through Deweyville and Honeyville, Utah, to Brigham City and return over the same route, serving no intermediate points except Deweyville, Utah, for joinder purposes only, as an alternate route for operating convenience only in connection with applicant's authorized regular-route operations between Pocatello, Idaho, and Brigham City, Utah; (25) between Deweyville, Utah, and a point on U.S. Highway 191 at or near Tremonton, Utah, over unnumbered county road, serving no intermediate points as an alternate route for operating convenience only in connection with applicant's authorized regular-route operations between Pocatello, Idaho, and Brigham City, Utah; (E) *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or amored equipment, classes A and B explosives, household goods as defined by the Commission, commodities in bulk (other than citrus fruits and agricultural commodities), commodities requiring special equipment (other than those requiring refrigeration or specialized handling or rigging because of size or weight) and those injurious or contaminating to other lading), (1) between Los Angeles Harbor, Calif., and Ogden, Utah; from Los Angeles Harbor over truck boulevard to Los Angeles, Calif., thence over U.S. Highway 66 to Barstow, Calif.

Thence over U.S. Highway 91 to Ogden and return over the same route, serving all intermediate points in California, Arizona, and Utah, and those in Nevada between Las Vegas, Nev., and the Nevada-Arizona State line, and off-route points of the test site of the U.S. Atomic Energy Commission at or near Mercury, Nev., Enterprise, Milford, Delta, and Heber, Utah, Riverside, Calif., those in the Los Angeles commercial zone and the Los Angeles harbor commercial zone as

defined by the Commission in Los Angeles, Calif., Commercial Zone 3 M.C.C. 248, those in California between Los Angeles harbor, and Los Angeles, Calif., within 15 miles of the route described immediately above, those in California, Arizona, and Utah within 10 miles of the route described immediately above, those within 10 miles of Las Vegas, Nev., those within 10 miles of Ogden, Utah, and those in Nevada within 10 miles of the route described immediately above and between Las Vegas, Nev., and the Nevada-Arizona State line unrestricted; and serving the intermediate point of Las Vegas, Nev., restricted to traffic moving to or from points other than those in Calif.; (2) between Los Angeles, Calif., and the junction of U.S. Highway 66 with unnumbered highway (approximately 5 miles northwest of San Bernardino, Calif.); from Los Angeles over U.S. Highway 99 to junction unnumbered highway.

Thence over unnumbered highway to junction U.S. Highway 66 and return over the same route, serving no intermediate points excepting those as specified above which are pertinent to this route as described immediately above; (3) between Anderson, Utah, and Nephi, Utah; from Anderson over Utah Highway 15 to junction U.S. Highway 89, thence over U.S. Highway 89 to Pigeon Hollow Junction, Utah, thence over Utah Highway 11 (formerly Utah Highway 189) to Nephi and return over the same route, serving all intermediate points; and off-route points within 10 miles of this route as described immediately above; (4) between Harrisburg, Utah, and LaVerkin, Utah, over Utah Highway 17, serving no intermediate points excepting those as specified above which are pertinent to this route as described immediately above; (5) between Gunnison, Utah, and Levan, Utah, over Utah Highway 28, serving no intermediate points excepting those as specified above which are pertinent to this route as described immediately above; (6) between Pigeon Hollow Junction, Utah, and Spanish Fork, Utah, over U.S. Highway 89, serving all intermediate points; (7) between Cove Fort, Utah, and Sevier, Utah, over Utah Highway 13, serving all intermediate points; (8) between Glendale, Nev., and Salt Lake City, Utah; from Glendale over U.S. Highway 93 to Ely, Nev., thence over Alternate U.S. Highway 50 (formerly U.S. Highway 50) to Salt Lake City and return over the same route, serving no intermediate points; (9) between Barstow, Calif., and Davis Dam Site, Nev.; (a) from Barstow over U.S. Highway 66 to junction unnumbered highway near Fenner, Calif., thence over said unnumbered highway to junction U.S. Highway 95 at Arrowhead Junction, Calif.

Thence over U.S. Highway 95 to junction Nevada Highway 77, thence over Nevada Highway 77 to Davis Dam Site, and return over the same route, serving no intermediate points; (b) from Barstow over route described immediately above to junction unnumbered highway near Fenner, Calif., thence over U.S. Highway 66 to junction U.S. Highway 95, thence over U.S. Highway 95 to junction unnumbered highway at Arrowhead Junction, Calif., thence over route described immediately above to Davis Dam Site and return over the same route, serving no intermediate points; (c) from Barstow over the two routes described immediately above to junction unnumbered highway near Fenner, Calif., thence over the route described immediately above to junction U.S. Highway 95, thence over U.S. Highway 95 to Needles, Calif., thence over unnumbered highway (formerly California Highway 76) to the California-Nevada State line, thence over Nevada Highway 76 to junction unnumbered highway, thence east over said unnumbered highway to Davis Dam and return over the same route, serving no intermediate points; (F) *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, classes A and B explosives, household goods as defined by the Commission, commodities in bulk (other than citrus fruits and agricultural commodities) and those requiring special equipment), between Weiser, Idaho, and Brigham City, Utah; from Weiser over U.S. Highway 95 through Payette, Idaho to Fruitland, Idaho, thence over U.S. Highway 30 to Ontario, Oreg.

Thence over U.S. Highway 26 through Nyssa, Oreg., to junction U.S. Highway 20, thence over U.S. Highway 20 through Parma, and Notus, Idaho, to junction U.S. Highway 30, thence over U.S. Highway 30 through Nampa, Meridian, Boise, Mountain Home, and Glenns Ferry, Idaho, to Bliss, Idaho, thence over Idaho Highway 24 through Gooding, Idaho, to Shoshone, Idaho, thence over U.S. Highway 93 to Twin Falls, Idaho (also from Bliss over U.S. Highway 30 through Buhl, and Filer, Idaho to Twin Falls), thence over U.S. Highway 30 to Burley, Idaho, thence over U.S. Highway 30S through Malta, and Strevell, Idaho, and Snowville, Tremonton, and Bear River City, Utah, to Brigham City and return over the same route, serving the intermediate points of Ontario, and Nyssa, Oreg., Payette, Parma, Notus, Caldwell, Nampa, Meridian, Boise, Mountain Home, Glenns Ferry, Bliss, Gooding, Shoshone, Twin Falls, Filer, Buhl, Burley, Malta, and Strevelle, Idaho, and Snowville, Tremonton, Bear River City, and Corrine, Utah, and the off-route points of Jerome and Rupert, Idaho, in the transportation of the commodities specified immediately above; and serving the off-route points of the Mountain Home, Idaho, Air Base, and the U.S. Army Air Base (Gowen Field) Boise, Idaho, in the transportation of general commodities, except those of unusual value, class A and B explosives, household goods as defined by the Commission, commodities in bulk, and those requiring special equipment. (G) *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, household goods as defined by the Commission and commodities in bulk), serving the site of the Glenn L. Martin plant, near Waterton, Colo., as an off-route point in connection with applicant's authorized regular-route operations to and from Denver, Colo., restricted (1) against the transportation of classes A and B explosives, between the site of the Glenn L. Martin plant, near Waterton, Colo., on the one hand, and, on the other, points in Utah, and (2) to the extent it proposes the transportation of classes A and B explosives, shall be limited in point of time to a period expiring 5 years after November 7, 1967; (H) *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, classes A and B explosives, livestock, animal feeds, baled hay, grain in sacks, household goods as defined by the Commission and commodities in bulk), (1) between Denver, Colo., and Norton, Kans.; from Denver over U.S. Highway 36 via St. Francis, Kans., to Norton, and return over the same route, serving all intermediate points east of Strasburg, Colo., and the off-route points of the Bonny Dam Site near Hale, Colo., and the site of the U.S. Atomic Energy Plant at or near Marshall, Colo.; (2) between junction U.S. Highways 36 and 383, and Atwood, Kans.; from junction U.S. Highways 36 and 383 over U.S. Highway 383 to junction U.S. Highway 24, thence over U.S. Highway 24 to Colby, Kans.

Thence over Kansas Highway 25 to Atwood and return over the same route, serving all intermediate points; (I) *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, classes A and B explosives, household goods as defined by the Commission, commodities in bulk, commodities requiring special equipment and those injurious or contaminating to other lading), (1) between junction U.S. Highway 30 and Alternate U.S. Highway 30 near Clarks, Nebr., and Missouri Valley, Iowa, over U.S. Highway 30, serving no intermediate points and serving the termini for the purpose of joinder only, as an alternate route for operating convenience only, with shipments transported over the routes herein proposed, originating at or destined to Salt Lake City, Utah, or points west thereof; (2) between Park, Kans., and Kansas City, Mo; (a) from Park over U.S. Highway 40 to junction City, Kans., thence over Kansas Highway 18 to Manhattan, Kans., thence over U.S. Highway 24 to junction U.S. Highway 75, thence over U.S. Highway 75 to Topeka, Kans., thence over U.S. Highway 40 to Kansas City, Mo., and return over the same route, serving the intermediate point of Kansas City, Kans., the intermediate or off-route point of the site of the Goodyear plant (located approximately 1½ miles northwest of the city limits of Topeka, Kans.), and the off-route point of North Kansas City, Mo.; (b) from Park over route specified immediately above to junction U.S. Highway 40 and Kansas Highway 107 near Maywood, Kans., thence over Kansas Highway 107 to Edwardsville, Kans., thence over Kansas Highway 32 to Kansas City, Kans..

Thence over city streets to Kansas City, Mo., and return over the same route, serving the intermediate point of Kansas

City, Kans., the intermediate or off-route point of the site of the Goodyear plant (located approximately 1⅓ miles northwest of the city limits of Topeka, Kans.), and the off-route point of North Kansas City, Mo.; (3) between Kansas City, Mo., and St. Francis, Kans.; from Kansas City, Mo., over U.S. Highway 24 to junction U.S. Highway 281, thence over U.S. Highway 281 to Smith Center, Kans., thence over U.S. Highway 36 via Oberlin, Kans., to St. Francis and return over the same route, serving the intermediate points of Kansas City, Wheeler, Bird City, McDonald, Atwood, Oberlin, Norton, Prairie View, Phillipsburg, Kensington, Athol, and Smith Center, Kans., the intermediate or off-route point of the site of the Goodyear plant (located approximately 1⅓ miles northwest of the city limits of Topeka, Kans.), and the off-route points of Blakeman, Ludell, Norcatur, Herndon, Almena, Long Island, Hill City, Hoxie, and Colby, Kans., and North Kansas City, Mo.; (4) from Oberlin, Kans., to Culbertson, Nebr.; from Oberlin over U.S. Highway 83 to McCook, Nebr., thence over U.S. Highway 6 to Culbertson and return over the same route with no transportation for compensation except as otherwise authorized, serving the intermediate point of McCook, Nebr., for delivery only and the off-route point of Danbury, Nebr., for delivery only; (5) between Portland, Oreg., and Prairie City, Oreg., from Portland over Sandy Boulevard (formerly U.S. Highway 30) to junction Bypass U.S. Highway 30 (formerly U.S. Highway 30), thence over Bypass U.S. Highway 30 to junction U.S. Highway 30.

Thence over U.S. Highway 30 to Arlington, Oreg., thence over Oregon Highway 19 to junction U.S. Highway 26 (formerly U.S. Highway 28), thence over U.S. Highway 26 to Prairie City, and return over the same route, serving all intermediate points between Arlington, and Prairie City, Oreg., unrestricted; Arlington and intermediate points between Arlington, and Portland, restricted to traffic moving to or from points east of Arlington; and the off-route points in Grant County, Oreg., without restriction; (6) between Canyon City, Oreg., and Izee, Oreg.; from Canyon City south approximately 15 miles over U.S. Highway 395 to junction unnumbered county highway, thence west over unnumbered county highway to Izee, and return over the same route, serving all intermediate points; (7) between Halfway, Mo., and Springfield, Mo.; (a) from Halfway over Missouri Highway 32 to Bolivar, Mo., thence over Missouri Highway 83 (formerly portion Missouri Highway 13) to junction Missouri Highway 13, thence over Missouri Highway 13 to Springfield, and return over the same route, serving the intermediate point of Bolivar, Mo.; (b) from Halfway over Missouri Highway 32 to junction U.S. Highway 65, near Buffalo, Mo., thence over U.S. Highway 65 to Springfield and return over the same route, serving no intermediate points; (J) *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, classes A and B explosives, livestock, household goods as defined by the Commission, commodities in bulk, commodities requiring special equipment and those injurious or contaminating to other lading), (1) between Canyon City, Oreg., and Burns, Oreg.; over U.S. Highway 395, serving the intermediate points of Seneca, and Silvies, Oreg., unrestricted; and all other intermediate points within 10 miles of Burns, and also off-route points within 10 miles of Burns, restricted to transportation of the commodities specified immediately above, but not excepting livestock; (2) between junction U.S. Highway 26 (formerly U.S. Highway 28) and Oregon Highway 7, and Baker, Oreg.; over Oregon Highway 7, serving no intermediate points; (3) between Pendleton, Oreg., and Mount Vernon, Oreg., over U.S. Highway 395, serving the intermediate point of Pilot Rock, Oreg., and intermediate points between Pendleton, and Pilot Rock, restricted to traffic moving to or from points south of Pilot Rock; and all other intermediate points without restriction; (4) between Ely, Nev., and Las Vegas, Nev.; from Ely over U.S. Highway 93 via Pioche, Caliente, and Alamo, Nev., to Las Vegas, and return over the same route, serving all intermediate points, except as specified above, and the off-route points of Hiko, Nev., and points on Nevada State Highway 83 which are within 6 miles of Pioche, Nev.; restriction: The service authorized above is subject to the following conditions:

No service shall be performed at North Las Vegas, Nev., nor at points on U.S. Highways 91 and 93 between the northerly city limits of Las Vegas and a point on U.S. Highway 93, one mile north of the junction of U.S. Highways 91 and 93, at or near Glendale, Nev., except at Nellis Air Force Base; Carrier shall not interchange at Las Vegas, Nev., traffic moving beyond Ely, Nev., except to points of Lane City, Ely, East Ely, Ruth, Kimberly, and McGill, Nev. Carrier shall not interchange at Ely, Nev., traffic moving beyond Las Vegas, Nev. (5) between McGill, Nev., and Kimberly, Nev.; from McGill over Alternate U.S. Highway (formerly U.S. Highway 50) to junction U.S. Highway 50, thence over U.S. Highway 50 to junction Nevada Highway 44, thence over Nevada Highway 44 via Ruth, Nev., to Kimberly and return over the same route, serving the intermediate points of Lane City, Ely, East Ely, and Ruth, Nev.; (6) between Kansas City, Kans., and East St. Louis, Ill.; from Kansas City, Kans., over U.S. Highway 50 to junction Missouri Highway 100 near Gray Summit, Mo., thence over Missouri Highway 100 to St. Louis, Mo., thence across the Mississippi River to East St. Louis and return over the same route, serving all intermediate points and the off-route points of Clarksburg, Elston, Osage City, and Algoa Farms, Mo., points within 20 miles of Eads Bridge, St. Louis, Mo., and those within 15 miles of Kansas City, Mo.; (7) between Sedalia, Mo., and Warsaw, Mo.; from Sedalia over U.S. Highway 65 to junction Missouri Highway 7 (formerly Missouri Highway 35) thence over Missouri Highway 7 to Warsaw and return over the same route, serving all intermediate points; and the off-route points of Lincoln, Ionia, and Cole Camp, Mo.; (8) between Warsaw, Mo., and Springfield, Mo.; from Warsaw over Missouri Highway 7 (formerly Missouri Highway 35) to junction U.S. Highway 65.

Thence over U.S. Highway 65 to Springfield, and return over the same route, serving all intermediate points; and the off-route points of Hermitage and Wheatland, Mo.; (9) between junction U.S. Highway 50 and unnumbered highway at or near Knob Noster, Mo., and Whiteman Air Force Base (formerly shown as Sedalia Glider Base); from junction U.S. Highway 50 and unnumbered highway at or near Knob Noster, Mo., over said unnumbered highway to Whiteman Air Force Base, and return over the same route, serving no intermediate points; (10) between junction U.S. Highway 50 and Missouri Highway 5, near Syracuse, Mo., and Boonville, Mo.; from junction U.S. Highway 50 and Missouri Highway 5 over Missouri Highway 5 to junction U.S. Highway 40, thence over U.S. Highway 40 to Boonville, and return over the same route, serving no intermediate points and restricted to traffic interchanged at Springfield, Mo.; and (11) serving points in Hickory County, Mo. (except Cross Timbers, Hermitage, Preston, Weaubleau, and Wheatland), as off-route points in connection with carrier's regular-route operation; (J) *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, classes A and B explosives, household goods as defined by the Commission, livestock, commodities in bulk and those requiring special equipment), (1) serving intercontinental ballistics missile launching sites located in Wyoming within 25 miles of Cheyenne, Wyo., as off-route points in connection with carrier's regular-route operations to and from Cheyenne, Wyo.; (2) between Strasburg, Colo., and Park, Kans., over U.S. Highway 40, serving no intermediate points and serving the termini for the purpose of joinder only, as an alternate route for operating convenience only in connection with applicant's authorized regular-route operations between Kansas City, Mo., and Denver, Colo.; (3) between Oakley, Kans., and junction U.S. Highways 83 and 24 near Halford, Kans., over U.S. Highway 83 serving no intermediate points and serving the termini for purposes of joinder only, as an alternate route for operating convenience only in connection with applicant's authorized regular-route operations between Kansas City, Mo., and Denver, Colo.; (4) between junction U.S. Highways 83 and 24 near Halford, Kans., and junction U.S. Highway 24 and Kansas Highway 9, about four miles north of Osborne, Kans., over U.S. Highway 24, serving no intermediate points and serving the termini for the purposes of joinder only, as an alternate route for operating convenience only, in connection with applicant's authorized regular-route operations between Kansas City, Mo., and Denver, Colo.; (5) between junction U.S. Highway 24 and Kansas Highway 18, near Bogue, Kans., and Junction City, Kans., over Kansas High-

way 18, serving no intermediate points and serving the termini for purposes of joinder only, as an alternate route for operating convenience only, in connection with applicant's authorized regular-route operations between Kansas City, Mo., and Denver, Colo.; and (6) between Limon, Colo., and Colby, Kans., over U.S. Highway 24, serving no intermediate points and serving the termini for purposes of joinder only, as an alternate route for operating convenience only in connection with applicant's authorized regular-route operations between Kansas City, Mo., and Denver, Colo.; (K) *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, classes A and B explosives, household goods as defined by the Commission, commodities in bulk (other than grain and livestock feed) and commodities requiring special equipment), between Afton, Wyo., and Pocatello, Idaho; (a) from Afton over U.S. Highway 89 to Alpine, Wyo., thence across the Wyoming-Idaho State line to junction U.S. Highway 26.

Thence over U.S. Highway 26 to junction U.S. Highway 191, thence over U.S. Highway 191 to Pocatello, and return over the same route, serving the intermediate points of Montpelier, Idaho Falls, Irwin, and Swan Valley, Idaho, all intermediate points in Wyoming (including Smoot), and those in Idaho located on U.S. Highway 26 within 1 mile of Alpine, Wyo., and serving the off-route points of Auburn, Fairview, Bedford, Turnerville, and Freedom, Wyo., and those within 2 miles of Freedom; (b) from Afton over U.S. Highway 89 to Geneva, Idaho, thence across the Idaho-Wyoming State line to junction Wyoming Highway 89 thence over Wyoming Highway 89 to Border, Wyo., thence over U.S. Highway 30N to Pocatello, and return over the same route, serving the intermediate points of Montpelier, Idaho Falls, Irwin, and Swan Valley, Idaho, all intermediate points in Wyoming (including Smoot), and those in Idaho located on U.S. Highway 26 within 1 mile of Alpine, Wyo., and serving the off-route points of Auburn, Fairview, Bedford, Turnerville, and Freedom, Wyo., and those within 2 miles of Freedom; (L) *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, livestock, household goods as defined by the Commission and commodities in bulk), between Rawlins, Wyo., and Casper, Wyo.; from Rawlins over U.S. Highway 287 to junction Wyoming Highway 220 at Muddy Gap, Wyo., and thence over Wyoming Highway 220 to Casper, and return over the same route, serving no intermedite points; Restriction: The service authorized herein is subject to the following conditions: service is restricted to the transportation of shipments having an immediately prior or immediately subsequent movement by railroad in trailers on flat cars, in so-called piggyback service; (M) *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, classes A and B explosives, household goods, as defined by the Commission, commodities requiring special equipment, and those injurious or contaminating to other lading), between Bolivar, Mo., and East St. Louis, Ill.; from Bolivar over Missouri Highway 32 to Buffalo, Mo.

Thence over Missouri Highway 73 to junction Missouri Highway 64, thence over Missouri Highway 64 to Lebanon, Mo., thence over U.S. Highway 66 to Gray Summit, Mo., thence over Missouri Highway 100 to St. Louis, Mo., thence across the Mississippi River to East St. Louis and return over the same route, serving the intermediate point of St. Louis, Mo., for traffic other than livestock; and intermediate and off-route points within 15 miles of Bolivar, restricted to pickup and delivery of livestock; (N) *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, livestock, household goods as defined by the Commission, commodities in bulk, commodities requiring special equipment and those injurious or contaminating to other lading), between Cheyenne, Wyo., and junction U.S. Highway 6 and Alternate U.S. Highway 30 near Omaha, Nebr.; from Cheyenne over U.S. Highway 30 to junction Alternate U.S. Highway 30 near Clarks, Nebr., thence over Alternate U.S. Highway 30 to junction U.S. Highway 6, and return over the same route, serving no intermediate points, except Grand Island, Nebr., for the purpose of joinder only, and serving the termini for the purpose of joinder only; (O) *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, liquid petroleum products, in bulk, in tank vehicles, classes A and B explosives, livestock, household goods as defined by the Commission, commodities in bulk, commodities requiring special equipment and those injurious or contaminating to other lading), between Vale, Oreg., and Burns, Oreg., over U.S. Highway 20, serving no intermediate points, as an alternate route for operating convenience only; (P) *household goods* as defined by the Commission and *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, classes A and B explosives, commodities in bulk, commodities requiring special equipment and those injurious or contaminating to other lading), (1) between Kansas City, Kans., and Clinton, Mo.; (a) from Kansas City, Kans., over U.S. Highway 50 to Warrensburg, Mo., thence over Missouri Highway 13 to Clinton and return over the same route, serving the intermediate points of Kansas City, Warrensburg, Postoak, Shawnee Mound, Calhoun, Lewis Station, Windsor, Cornelia, and Leeton, Mo., in the transportation of the immediately above-specified commodities; and points in the Kansas City, Kans.-Kansas City, Mo., commercial zone, as defined by the Commission in 31 M.C.C. 5, as intermediate and off-route points, in the transportation of general commodities, except classes A and B explosives, livestock, grain, petroleum products in bulk, household goods as defined by the Commission, and commodities requiring special equipment; (b) from Kansas City, Kans., over U.S. Highway 50 to Warrensburg, thence over Missouri Highway 13 to junction Missouri Highway 2, thence over Missouri Highway 2 to Windsor, Mo.

Thence over Missouri Highway 52 to Clinton and return over the same route, serving the intermediate points of Kansas City, Warrensburg, Postoak, Shawnee Mound, Calhoun, Lewis Station, Windsor, Cornelia, and Leeton, Mo., in the transportation of the immediately above-specified commodities; and points in the Kansas City, Kans.-Kansas City, Mo., commercial zone; as defined by the Commission in 31 M.C.C. 5, as intermediate and off-route points, in the transportation of general commodities, except classes A and B explosives, livestock, grain, petroleum products in bulk, household goods as defined by the Commission, and commodities requiring special equipment; (2) between Clinton, Mo., and Kansas City, Mo.; from Clinton over Missouri Highway 7 (formerly Missouri Highway 35) to junction U.S. Highway 71, thence over U.S. Highway 71 to Kansas City and return over the same route, serving no intermediate points; Irregular Routes: (A) *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, livestock, household goods as defined by the Commission, commodities in bulk and those requiring special equipment), between Denver, Colo., and points within 10 miles of Denver, with all shipments to or from municipalities to be limited to quantities of 10,000 pounds or more; (B) *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, classes A and B explosives, household goods as defined by the Commission, commodities in bulk and those requiring special equipment (other than for loading or unloading)), between Las Vegas, Nev., on the one hand, and, on the other, points in Nevada within 75 miles of Las Vegas; and (C) *general commodities* (except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment, classes A and B explosives, livestock, household goods as defined by the Commission, commodities in bulk, commodities requiring special equipment and those injurious or contaminating to other lading), from Sedalia, Mo., to points in Johnson, Henry, Benton, Pettis, Saline, Cooper, Moniteau, Morgan, Miller, and Cole Counties, Mo. NOTE: Applicant states that the purpose of this application is to delete the exception "those of unusual value" where it exists in its present certificates and insert in lieu thereof, "except those commodities, the transportation of which the shipper requires carrier to furnish armed guards or armored equipment." If a hearing is deemed necessary, applicant requests it be held at Salt Lake City, Utah.

No. MC 35469 (Sub-No. 31), filed August 5, 1965. Applicant: MODERN TRANSFER CO., INC., 1300 Hanover

Avenue, Allentown, Pa. Applicant's representative: P. F. Gilligan (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Pulverized limestone*, in bulk, from the plantsite of Eastern Industries, Inc., located at Kutztown, Berks County, Pa., to New York, N.Y., and points in Nassau, Westchester and Suffolk Counties, N.Y., and points in New Jersey. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 40757 (Sub-No. 5), filed July 26, 1965. Applicant: CREECH BROTHERS TRUCK LINES, INC., 312 West Cherry Street, Troy, Mo. Applicant's representative: A. A. Marshall, 216 Buder Building, St. Louis 1, Mo. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Aluminum structural forms* and *aluminum airplane wing skins*, from Tullahoma, Tenn., to St. Charles, Mo. NOTE: If a hearing is deemed necessary, applicant requests it be held at St. Louis, Mo.

No. MC 41240 (Sub-No. 10), filed August 4, 1965. Applicant: NELSON TRUCKING SERVICE, INC., Mediapolis, Iowa. Applicant's representative: Charles B. Myers, 611 Field Building, Chicago, Ill., 60603. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Building materials, gypsum* and *gypsum products* and *materials and supplies* used in the installation and application of such commodities, from Mediapolis, Iowa, to points in Missouri. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 46737 (Sub-No. 45), filed August 2, 1965. Applicant: GEO. F. ALGER COMPANY, a corporation, 3050 Lonyo Road, Detroit, Mich. Applicant's representative: James P. Tryand, 1226 Monroe Boulevard, Dearborn, Mich. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Lime and limestone products*, in bulk and in bags, from Detroit (River Rouge), Mich., to points in Indiana and Ohio. NOTE: If a hearing is deemed necessary, applicant requests it be held at Detroit, Mich.

No. MC 50069 (Sub-No. 328), filed July 12, 1965. Applicant: REFINERS TRANSPORT & TERMINAL CORPORATION, 111 West Jackson Boulevard, Chicago, Ill., 60604. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Petroleum products*, in bulk, in tank vehicles, between St. Louis, Mo.; Wood River, Ill.; Louisville, Ky.; Madison, Ind.; and East Liverpool, Ohio, on the one hand, and, on the other, St. Louis, Mo.; Wood River, Ill.; Louisville, Ky.; Madison, Ind., and East Liverpool, Ohio. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 51146 (Sub-No. 22), filed July 29, 1965. Applicant: SCHNEIDER TRANSPORT & STORAGE, INC., 817 McDonald Street, Green Bay, Wis. Applicant's representative: Charles W. Singer, Tower Suite 3600, 33 North La Salle Street, Chicago, Ill., 60602. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Paper and paper products*, from Miquon, Pa., to points in Illinois, Indiana, Iowa, Michigan, Minnesota, Ohio, Wisconsin, and St. Louis, Mo., and *returned, refused, and rejected shipments* of the above commodities, on return. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 51146 (Sub-No. 23), filed July 29, 1965. Applicant: SCHNEIDER TRANSPORT & STORAGE, INC., 817 McDonald Street, Green Bay, Wis. Applicant's representative: Charles W. Singer, Tower Suite 3600, 33 North La Salle Street, Chicago, Ill., 60602. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Building board, wall board, insulation board*, finished or not finished, with or without decorative or protective material, and *accessories* and *supplies* used in the installation thereof, from Wright City, Mo., to points in Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Ohio, Pennsylvania, and Wisconsin. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 51146 (Sub-No. 24), filed August 4, 1965. Applicant: SCHNEIDER TRANSPORT & STORAGE, INC., 817 McDonald Street, Green Bay, Wis. Applicant's representative: James C. Hardman, 33 North La Salle Street, Chicago, Ill., 60602. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Paper* and *paper products*, from Fitchburg, Mass., to points in Illinois, Indiana, Iowa, Michigan, Minnesota, Ohio, Wisconsin, and St. Louis, Mo., and *returned, refused*, and *rejected shipments*, on return. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 52022 (Sub-No. 3), filed July 26, 1965. Applicant: SANTINI BROS., INC., doing business as THE SEVEN BROTHERS AND THE SEVEN SANTINI BROTHERS, 1405 Jerome Avenue, Bronx, N.Y. Applicant's representative: Edward M. Alfano, 2 West 45th Street, New York 36, N.Y. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Household goods*, as defined by the Commission, between points in Boone, Winnebago, Cook, DuPage, McHenry, Lake, Will, and Kane Counties, Ill. NOTE: Applicant states the above operation will be restricted to shipments having a prior or subsequent movement beyond said counties and further restricted to pickup and delivery service incidental to and in connection with packing, crating, and containerization or unpacking, uncrating, and decontainerization of such shipments. If a hearing is deemed necessary, applicant requests it be held at New York, N.Y.

No. MC 52953 (Sub-No. 31), filed July 28, 1965. Applicant: ET & WNC TRANSPORTATION COMPANY, a corporation, 132 Legion Street, Johnson City, Tenn. Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *General commodities* (except those of unusual value, classes A and B explosives, household goods as defined by the Commission, commodities in bulk, commodities requiring special equipment and those injurious or contaminating to other lading), between Florence, Ala., and junction U.S. Highways 72 and 64 near South Pittsburg, Tenn.; (a) from Florence over U.S. Highway 72 to junction U.S. Highway 64 near South Pittsburg, Tenn., and return over the same route, serving all intermediate points; and (b) from Florence over U.S. Highway 72 to junction Alternate U.S. Highway 72, thence over Alternate U.S. Highway 72 to junction U.S. Highway 72, thence over U.S. Highway 72 to junction U.S. Highway 64 near South Pittsburg, Tenn., and return over the same route, serving all intermediate points. NOTE: Common control may be involved. If a hearing is deemed necessary, applicant requests it be held at Chattanooga, Tenn.

No. MC 56210 (Sub-No. 9), filed July 29, 1965. Applicant: PROSPECT TRUCKING CO., INC., 212 Nottingham Way, Trenton, N.J. Applicant's representative: Francis W. McInerny, 1000 16th Street NW., Washington, D.C., 20036. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Prefabricated buildings* (knocked down, or in sections), from Pemberton, N.J. to West Trenton, N.J. NOTE: Applicant states that it intends to tack the above-proposed authority with that authority previously granted in Certificate MC 56210, wherein applicant is authorized to serve points in the States of Connecticut, Delaware, Maryland, New York, Pennsylvania, and the District of Columbia. If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 59367 (Sub-No. 23), filed July 29, 1965. Applicant: DECKER TRUCK LINE, INC., Post Office Box 915, Fort Dodge, Iowa. Applicant's representative: William A. Landau, 1307 East Walnut Street, Des Moines 16, Iowa. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Meat, meat products, meat byproducts* and *articles* distributed by meat packinghouses, as described in sections A and C of Appendix I to the report in *Descriptions in Motor Carrier Certificates*, 61 M.C.C. 209 and 766 (except hides and commodities in bulk, in tank vehicles), from the plantsite of Missouri Beef Packers, Inc., located at or near Phelps City, Mo., restricted to traffic originating at such facilities, to points in Illinois, Indiana, Iowa, Michigan, Minnesota, Nebraska, North Dakota, South Dakota, and Wisconsin. NOTE: If a hearing is deemed necessary, applicant requests it be held at Kansas City, Mo., Omaha, Nebr., or Washington, D.C.

No. MC 60012 (Sub-No. 72), field July 23, 1965. Applicant: RIO GRANDE MOTOR WAY, INC., 1400 West 52d Street, Denver, Colo. Applicant's representative: Royce D. Sickler, Post Office Box 5482, Denver, Colo., 80217. Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *General commodities* (ex-

cluding household goods as defined by the Commission, livestock, commodities in bulk and commodities requiring special equipment), serving points in San Juan County, N. Mex., within 20 miles of U.S. Highway 550 and New Mexico Highway 17, as off-route points in connection with carrier's authorized regular-route operations to and from Farmington, N. Mex. (excluding service at points located on U.S. Highway 550 west of Farmington, N. Mex.). NOTE: Applicant is a wholly owned subsidiary of the Denver and Rio Grande Western Railroad Co. If a hearing is deemed necessary, applicant requests it be held at Farmington, N. Mex.

No. MC 60786 (Sub-No. 33), filed July 28, 1965. Applicant: RALPH G. SMITH, INC., 239 East Market Street, West Chester, Pa. Applicant's representative: G. Donald Bullock, Box 146, Wyncote, Pa. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Livestock*, other than ordinary, and in connection therewith, *personal effects* of their attendants and *supplies* and *equipment, including mascots*, used in the care, transportation, and exhibition of such livestock, between points in Tennessee, on the one hand, and, on the other, points in Connecticut, Delaware, Florida, Illinois, Indiana, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, New Hampshire, Missouri, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Vermont, Virginia, West Virginia, the District of Columbia, Georgia, and Arkansas. NOTE: If a hearing is deemed necessary, applicant requests it be held at Lexington, Ky.

No. MC 61403 (Sub-No. 137), filed August 2, 1965. Applicant: THE MASON AND DIXON TANK LINES, INC., Eastman Road, Kingsport, Tenn. Applicant's representative: W. C. Mitchell, 140 Cedar Street, New York 6, N.Y. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Silica gel catalyst*, in bulk, in pressurized tank vehicles, from Cincinnati, Ohio to points in Louisiana and Texas. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 61592 (Sub-No. 47), filed July 26, 1965. Applicant: JENKINS TRUCK LINE, INC., 3708 Elm Street, Bettendorf, Iowa, 52722. Applicant's representative: Donald A. Morken, 1000 First National Bank Building, Minneapolis, Minn., 55402. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Lumber and logging industry machinery* and *equipment and attachments and parts* for said machinery and equipment, when accompanying the items being transported (except vehicles designed for highway use and except commodities which, because of size or weight, require the use of special equipment), from the ports of entry located on the international boundary line between the United States and Canada located in Minnesota, to points in Alabama, Arkansas, Florida, Georgia, Indiana, Kentucky, Louisiana, Michigan, Mississippi, North Carolina, Ohio, South Carolina, Tennessee, West Virginia, Wisconsin, and Virginia. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 61592 (Sub-No. 48), filed July 26, 1965. Applicant: JENKINS TRUCK LINE, INC., 3708 Elm Street, Bettendorf, Iowa, 52722. Applicant's representative: Val M. Higgins, 1000 First National Bank Building, Minneapolis, Minn., 55402. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Tractors* (not including tractors with vehicle beds, bed frames or fifth wheels or those which because of size or weight require the use of special equipment), and *attachments and parts therefor*, when transported on the same vehicle, at the same time, from New Orleans, La., to points in Alabama, Arkansas, Florida, Georgia, Indiana, Kentucky, Louisiana, Mississippi, Missouri, and Tennessee. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 61592 (Sub-No. 49), filed July 26, 1965. Applicant: JENKINS TRUCK LINE, INC., 3708 Elm Street, Bettendorf, Iowa, 52722. Applicant's representative: Donald A. Morken, 1000 First National Bank Building, Minneapolis, Minn., 55402. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Livestock* and *poultry equipment*, from Burlington, Iowa, to points in Arkansas, Colorado, Illinois, Indiana, Iowa, Kansas, Kentucky, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Texas, Wisconsin, and Wyoming. NOTE: Applicant states that it is presently handling livestock and poultry equipment from Burlington, Iowa, to a large number of destinations and the purpose of this application is, in part, to remove existing gateways to Illinois, Wisconsin, Minnesota, North Dakota, South Dakota, Nebraska, St. Louis, Mo., and Omaha, Nebr. If a hearing is deemed necessary, applicant requests it be held at Washington, D.C., or Chicago, Ill.

No. MC 64932 (Sub-No. 383), filed July 28, 1965. Applicant: ROGERS CARTAGE CO., a corporation, 1439 West 103d Street, Chicago, Ill. Applicant's representative: David Axelrod, 39 South La Salle Street, Chicago 3, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Anhydrous ammonia, nitrogen fertilizer solution, aqua ammonia, and fertilizers*, in bulk, (1) from the facilities of the Tuloma Gas Products Co. (located between Peoria and North Pekin, Ill., approximately ¼ mile north of junction Wesley Road and Illinois Highway 29), to points in Iowa, Indiana, Michigan, Minnesota, Missouri, Ohio, South Dakota, and Wisconsin, and (2) from the facilities of the Tuloma Gas Products Co. (located approximately 4 miles south of Burlington, Iowa), to points in Illinois, Indiana, Michigan, Minnesota, Missouri, Nebraska, South Dakota, and Wisconsin. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 65802 (Sub-No. 34), filed August 5, 1965. Applicant: LYNDEN TRANSFER, INC., Post Office Box 433, Lynden, Wash., 98264. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *General commodities* (except household goods as defined by the Commission, commodities which because of size or weight require the use of special equipment and oil field commodities as defined by the Commission in *Mercer-Extension*, 74 M.C.C. 459), between points in Alaska. NOTE: If a hearing is deemed necessary, applicant requests it be held at Anchorage, Alaska.

No. MC 66562 (Sub-No. 1943) (REPUBLICATION), filed March 27, 1963, published FEDERAL REGISTER issue of May 26, 1965, amended and clarified at the prehearing conference held at Washington, D.C., June 29, 1965, and republished this issue. Applicant: RAILWAY EXPRESS AGENCY, INCORPORATED, 219 East 42d Street, New York 17, N.Y. Applicant's representative: William Q. Keenan (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *General commodities*, moving in express service, between West Elizabeth, Pa., and Uniontown, Pa., over Pennsylvania Highway 51, serving no intermediate points, but serving the off-route point of Charleroi, Pa. NOTE: Applicant also proposes to perform "collection and delivery service" at points within 6 miles of Uniontown, points within 7 miles of Charleroi, and those within 13 miles of West Elizabeth. The purpose of this republication is to clarify the issues involved.

No. MC 66562 (Sub-No. 1945) (Republication), filed April 10, 1963, published FEDERAL REGISTER issue of May 26, 1965, amended and clarified at the prehearing conference held at Washington, D.C., June 29, 1965, and republished this issue. Applicant: RAILWAY EXPRESS AGENCY, INC., 219 East 42d Street, New York 17, N.Y. Applicant's representative: William H. Marx (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *General commodities*, moving in express service, (1) between Charleston, W. Va., and Parkersburg, W. Va.: (a) from Charleston over West Virginia Highway 14 to junction West Virginia Highway 4, thence over West Virginia Highway 4 to junction West Virginia Highway 36, thence over West Virginia Highway 36 to Spencer, W. Va., thence over West Virginia Highway 14 to junction U.S. Highway 21, thence over U.S. Highway 21 to Parkersburg, and return over the same route, serving the intermediate points of Clendenin and Spencer, W. Va., and the off-route point of Clay, W. Va., (b) from Charleston over West Virginia Highway 14 to junction U.S. Highway 21, thence over U.S. Highway 21 to Parkersburg, and return over the same route, serving the intermediate point of Ripley, W. Va., (c) from Charleston over Interstate Highway 77 to Ripley, W. Va.

Thence over U.S. Highway 21 to Parkersburg, and return over the same route, serving the intermediate point of Ripley, W. Va., (d) from Charleston over U.S. Highway 21 to junction West Vir-

ginia Highway 56, thence over West Virginia Highway 56 to junction West Virginia Highway 2, thence over West Virginia Highway 2 to Parkersburg, and return over the same route, serving the intermediate points of Ravenswood and Ripley, W. Va., (2) between Quinwood, W. Va., and Cowen, W. Va.: (a) from Quinwood over West Virginia Highway 20 to Cowen, and return over the same route, serving the off-route points of Allingdale and Richwood, W. Va., (b) from Quinwood over West Virginia Highway 20 to junction West Virginia Highway 39, thence over West Virginia Highway 39 to junction U.S. Highway 19, thence over U.S. Highway 19 to junction West Virginia Highway 41, thence over West Virginia Highway 41 to junction West Virginia Highway 20, thence over West Virginia Highway 20 to Cowen, and return over the same route, serving no intermediate points; (3) between Huntington, W. Va., and Parkersburg, W. Va., from Huntington over U.S. Highway 52 to junction Ohio Highway 7, thence over Ohio Highway 7 to junction U.S. Highway 50, thence over U.S. Highway 50 to Parkersburg, and return over the same route, serving the intermediate points of Gallipolis and Pomeroy, Ohio, (b) from Huntington over West Virginia Highway 2 to junction West Virginia Highway 62, thence over West Virginia Highway 62 to junction U.S. Highway 33.

Thence over U.S. Highway 33 to Pomeroy, Ohio, thence return over U.S. Highway 33 to junction West Virginia Highway 2, thence over West Virginia Highway 2 to Parkersburg, and return over the same route, serving the intermediate points of New Haven and Ravenswood, W. Va., and Pomeroy, Ohio, (4) between Weston, W. Va., and Charleston, W. Va.: (a) from Weston over U.S. Highway 119 to junction West Virginia Highway 5, thence over West Virginia Highway 5 to junction West Virginia Highway 4, thence over West Virginia Highway 4 to junction West Virginia Highway 14, thence over West Virginia Highway 14 to Charleston, and return over the same route, serving the intermediate points of Clendenin, Gassaway, Sutton, Heaters, Burnsville, and Glenville, W. Va., and the off-route point of Clay, W. Va., (b) from Weston over U.S. Highway 19 to junction West Virginia Highway 4, thence over West Virginia Highway 4 to junction West Virginia Highway 14, thence over West Virginia Highway 14 to Charleston, and return over the same route, serving Heaters, Sutton, Gassaway, and Clendenin, W. Va., and the junction of U.S. Highway 19 and West Virginia Highway 4 as intermediate points, and Clay, W. Va., as an off-route point. NOTE: Applicant also proposes to perform "collection and delivery service" at points within 11 miles of Parkersburg, W. Va., and those within 3 miles of Weston, W. Va., (5) between Weston, W. Va., and Norton, W. Va.: from Weston over U.S. Highway 19 to junction West Virginia Highway 4, thence over West Virginia Highway 4 to Norton, and return over the same route, serving Buckhannon, W. Va., and the junction of U.S. Highway 19 and West Virginia Highway 4 as intermediate points, and Frenchton, W. Va., as an off-route point. NOTE: Applicant also requests modification of or removal of the so-called rail and/or air restrictions now contained in its existing certificates in No. MC 66562, Sub-Nos. 83, 154, 258, 529, 955, 1344, 1345, 1527 (only as to route between Pomeroy and Kanauga, Ohio), 1603 (only as to route between Flatwoods and Heaters, W. Va.), and 1812. The purpose of this republication is to clarify the issues involved.

No. MC 66562 (Sub-No. 1948) (Republication), filed April 19, 1963, published FEDERAL REGISTER issue of May 26, 1965, amended and clarified at the prehearing conference held at Washington, D.C., on June 29, 1965, and republished this issue. Applicant: RAILWAY EXPRESS AGENCY, INC., 219 East 42d Street, New York 17, N.Y. Applicant's representative: William H. Marx (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *General commodities*, moving in express service, between Roanoke, Va., and Waynesboro, Va.; from Roanoke over U.S. Highway 11 to junction U.S. Highway 340, and thence over U.S. Highway 340 to Waynesboro, and return over the same route, serving the intermediate and off-route points of Cloverdale, Troutville, Buchanan, Lexington, Hollins, Natural Bridge, Glasgow, Buena Vista, Vesuvius, Stuarts Draft, and Lyndhurst, Va. NOTE: Applicant also requests modification of, or removal of, the so-called rail and/or air restrictions now contained in the certificates issued in No. MC 66562, Sub-Nos. 1402 and 1412 (only as to route between Roanoke and Bristol, Va.); and in No. MC 1650. The purpose of this republication is to clarify the issues involved.

No. MC 67450 (Sub-No. 11), filed July 23, 1965. Applicant: PETERLIN CARTAGE CO., a corporation, 9651 South Ewing Avenue, Chicago, Ill. Applicant's representative: Joseph M. Scanlan, 111 West Washington Street, Chicago 2, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Such commodities* as are manufactured, sold, and distributed by persons engaged in the manufacture, processing, and milling of grain products, other than commodities in bulk in tank vehicles, between St. Charles, Ill., on the one hand, and, on the other, points in Indiana, Ohio, and the lower peninsula of Michigan. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 67450 (Sub-No. 12), filed July 23, 1965. Applicant: PETERLIN CARTAGE CO., a corporation, 9651 South Ewing Avenue, Chicago, Ill. Applicant's representative: Joseph M. Scanlan, 111 West Washington Street, Chicago 2, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Animal and pet foods and pet toys and accessories, advertising, display materials when moving in conjunction with animal and pet foods*, from Chicago, Ill., to points in Indiana, Ohio, and the lower peninsula of Michigan. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 67450 (Sub-No. 13), filed August 3, 1965. Applicant: PETERLIN CARTAGE CO., a corporation, 9651 South Ewing Avenue, Chicago, Ill. Applicant's representative: Joseph M. Scanlan, 111 West Washington Street, Chicago, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Grain products*, dry, in bulk, in tank trailers, from Indianapolis, Ind., to points in Ohio, Illinois, Michigan, Kentucky, and Missouri. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill., Indianapolis, Ind., or Washington, D.C.

No. MC 67583 (Sub-No. 11), filed August 3, 1965. Applicant: KANE TRANSFER CO., a corporation, 5400 Tuxedo Road, Tuxedo, Md. Applicant's representative: Spencer T. Money, Suite 411 Park Lane Building, Washington, D.C. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Such merchandise dealt in by retail grocery and food houses*, including supplies, equipment, trading stamps, and advertising matter, from the Grand Union Co. warehouse, located at Landover, Md., to the Grand Union Co. stores, located at Winchester, Va. NOTE: Applicant is also authorized to conduct operations as a common carrier in certificate No. MC 9859, therefore, dual operations may be involved. If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 69116 (Sub-No. 94), filed July 30, 1965. Applicant: SPECTOR FREIGHT SYSTEM, INC., 205 West Wacker Drive, Chicago, Ill., 60606. Applicant's representative: David Axelrod, 39 South La Salle Street, Chicago 3, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *General commodities* (except those of unusual value, classes A and B explosives, household goods as defined by the Commission, commodities in bulk, and those requiring special equipment), serving the plantsite of Perkins Engines, Inc., located on Wixom Road near the intersection of Interstate Highway 96, approximately 15 miles northwest of Detroit, Mich., as an off-route point in connection with applicant's authorized regular route operations. NOTE: If a hearing is deemed necessary, applicant requests it be held at Lansing, Mich.

No. MC 69763 (Sub-No. 8), filed July 27, 1965. Applicant: CRAIG HENDERSON, doing business as GLENVILLE TRANSFER, Post Office Box 431, Glenville, W. Va. Applicant's representative: J. A. Bibby, Jr., Suite 504, Security Building, Charleston, W. Va. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *General commodities* (except classes A and B explosives and commodities in bulk, those requiring special equipment, and those injurious or contaminating to other lading), between points in Wirt County, W. Va., and points in West Virginia. NOTE: If a hearing is deemed necessary, applicant requests it be held at Charleston, W. Va.

No. MC 71516 (Sub-No. 70), filed August 2, 1965. Applicant: ALABAMA HIGHWAY EXPRESS, INC., 3300 Fifth Avenue, South Birmingham, Ala. Applicant's representative: Robert E. Tate, 2031 Ninth Avenue, South Birmingham, Ala. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Cement asbestos products* (except conduit and pipe which because of size, shape, weight, or inherent character require the use of special equipment), and *fittings, materials*, and *accessories* for the installation or transportation thereof (except in bulk) from Ragland, Ala., to points in Alabama, Arkansas, Kansas, Missouri, North Carolina, Oklahoma, South Carolina, Texas, and West Virginia. NOTE: If a hearing is deemed necessary, applicant requests it be held at Birmingham, Ala.

No. MC 82063 (Sub-No. 9), filed July 26, 1965. Applicant: KLIPSCH HAULING CO., a corporation, 119 East Loughborough Street, St. Louis 11, Mo. Applicant's representative: Ernest A. Brooks II, 1301–02 Ambassador Building, St. Louis, Mo., 63101. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Chemicals*, in bulk, between points in St. Charles Parrish, La., on the one hand, and, on the other, points in the United States including Alaska but excluding Hawaii. NOTE: If a hearing is deemed necessary, applicant requests it be held at New Orleans, La.

No. MC 82063 (Sub-No. 10), filed July 26, 1965. Applicant: KLIPSCH HAULING CO., a corporation, 119 East Loughborough Street, St. Louis 11, Mo. Applicant's representative: Ernest A. Brooks II, 1301–02 Ambassador Building, St. Louis, Mo., 63101. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Anhydrous ammonia, ammonium nitrate, urea, nitric acid, sulphuric acid*, and *fertilizer solution*, liquid, in bulk, in tank vehicles, and (2) *ammonium nitrate, urea, fertilizer materials* and *fertilizer ingredients* (other than liquid) in bulk, in tank or hopper-type vehicles, from the plantsite of the American Cyanamid Co. at South River, Mo. (located near Palmyra), in Marion County, Mo., to points in Arkansas, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Tennessee, Texas, and Wisconsin. NOTE: If a hearing is deemed necessary, applicant requests it be held at St. Louis, Mo.

No. MC 83539 (Sub-No. 151), filed July 30, 1965. Applicant: C & H TRANSPORTATION CO., INC., 1935 West Commerce Street, Post Office Box 5976, Dallas, Tex., 75222. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Plywood*, from Corona, Calif., Libby, Mont., points in Idaho, Oregon, Washington, points in that part of California on and north of a line beginning at Santa Cruz, Calif., and extending along California Highway 17 to junction unnumbered highway (formerly portion California Highway 17), thence along unnumbered highway through Milpitas, Calif., to junction California Highway 21, thence along California Highway 21 to Dublin, Calif., thence along U.S. Highway 50 to junction unnumbered highway (formerly portion U.S. Highway 50), thence along unnumbered highway through Livermore, Calif., to junction U.S. Highway 50, thence along U.S. Highway 50 to junction unnumbered highway (formerly portion U.S. Highway 50), thence along unnumbered highway through Folsom, Calif., to junction U.S. Highway 50, thence along U.S. Highway 50 to junction unnumbered highway (formerly portion U.S. Highway 50), thence along unnumbered highway through Camino, Calif., to junction U.S. Highway 50, thence along U.S. Highway 50 to the California-Nevada State line, to points in Delaware, the District of Columbia, Illinois, Indiana, Kentucky, Maryland, Michigan, New Jersey, New York, Ohio, Pennsylvania, Virginia, and West Virginia. NOTE: If a hearing is deemed necessary, applicant requests it be held at Portland, Oreg.

No. MC 84737 (Sub-No. 77), filed July 26, 1965. Applicant: NILSON MOTOR EXPRESS, Post Office Box 3616, Charleston, S.C., 29407. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Pipe and tubing* and *pipe and tubing fittings*, from Charleston, S.C., and points within 15 miles thereof, on the one hand, and, on the other, points in Duval County, Fla. NOTE: Applicant states that it proposes to tack the above proposed authority with authority previously granted in No. MC 84737 Sub 19 wherein applicant is authorized to transport general commodities (except those of unusual value, classes A and B explosives, household goods as defined by the Commission, commodities in bulk, commodities requiring special equipment, and those injurious or contaminating to other lading), between Charleston, S.C., and points within 15 miles of Charleston, on the one hand, and, on the other, points in South Carolina, North Carolina, and Suffolk, Roanoke, Norfolk, Martinsville, Richmond, and Winchester, Va., Washington, D.C., and Baltimore, Md. If a hearing is deemed necessary, applicant requests it be held at Columbia, S.C.

No. MC 94201 (Sub-No. 56), filed July 12, 1965. Applicant: BOWMAN TRANSPORTATION, INC., Post Office Box 2188, East Gadsden, Ala. Applicant's representative: Maurice F. Bishop, 325–29 Frank Nelson Building, Birmingham 3, Ala. Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *General commodities* (except those of unusual value, classes A and B explosives, household goods as defined by the Commission in *Practices of Motor Common Carriers of Household Goods*, 17 M.C.C. 467, commodities in bulk, commodities requiring special equipment and those injurious or contaminating to other lading), (1) between Birmingham, Ala., and Houston, Tex.; (a) from Birmingham over U.S. Highway 31 (also over Interstate Highway 65) to Atmore, Ala., thence over Alabama Highway 21 to the Alabama-Florida State line, thence over Florida Highway 97 to junction U.S. Highway 29, thence over U.S. Highway 29 to Pensacola, Fla., thence over U.S. Highway 90 to New Orleans, La., thence over U.S. Highway 61 to Baton Rouge, La., thence over U.S. Highway 190 to Kinder, La., thence over U.S. Highway 165 to junction U.S. Highway 90 (also Interstate Highway 10).

Thence over U.S. Highway 90 (also over Interstate Highway 10) to Houston and return over the same route, serving the intermediate points of Pensacola, Fla., Mobile, Ala., Grand Isle, Lockport, and Golden Meadow, La., Pascagoula and Moss Point, Miss., New Orleans, Baton Rouge, and Lake Charles, La., and Orange and Beaumont, Tex., and the off-route points of Port Arthur, Baytown, and Texas City, Tex., and those off-route points within a 15-mile radius of Birmingham and Mobile, Ala., Pensacola, Fla., New Orleans, Baton Rouge, and Lake Charles, La., and Port Arthur, Beaumont, and Houston, Tex.; (b) from Birmingham over U.S. Highway 11 (also over Interstate Highway 59) to New Orleans, La., thence over U.S. Highway 61 to Baton Rouge, La., thence over U.S. Highway 190 to Kinder, La., thence over U.S. Highway 165 to junction U.S. Highway 90 (also Interstate Highway 10), thence over U.S. Highway 90 (also over Interstate Highway 10) to Houston and return over the same route, serving the intermediate points of Meridian, Laurel, and Hattiesburg, Miss., and those off-route points within a 15-mile radius of Birmingham, Ala., New Orleans, Baton Rouge, and Lake Charles, La., Port Arthur, Beaumont, and Houston, Tex., and Hattiesburg and Meridian, Miss. (2) between Brewton, Ala., and Pensacola, Fla., over U.S. Highway 29, serving no intermediate points, as an alternate route for operating convenience only, (3) between Birmingham, Ala., and Mobile, Ala.; from Birmingham over U.S. Highway 11 to Bucksville, Ala., thence over Alabama Highway 5 to Thomasville, Ala.

Thence over U.S. Highway 43 to Mobile and return over the same route, serving no intermediate points, as an alternate route for operating convenience only; (4) between Poplarville, Miss., and Baton Rouge, La.; from Poplarville over Mississippi Highway 26 to the Mississippi-Louisiana State line, thence over Louisiana Highway 10 to Bogalusa, La., thence over Louisiana Highway 21 to Covington, La., thence over U.S. Highway 190 to Baton Rouge and return over the same route, serving no intermediate points, as an alternate route for operating convenience only; (5) between Montgomery, Ala., and junction U.S. Highways 11, 80, and Interstate Highway 59, over U.S. Highway 80, serving all intermediate points; (6) between Birmingham, Ala., and Fort Worth, Tex.; (a) from Birmingham over U.S. Highway 11 (also over Interstate Highway 20) to Meridian, Miss., thence over U.S. Highway 80 (also over Interstate Highway 20) to Fort Worth and return over the same route, serving the intermediate points of Meridian, Jackson, and Vicksburg, Miss., Monroe, Ruston, and Shreveport, La., and Marshall, Gladewater, Longview, and Dallas, Tex., and those off-route points within a 15-mile radius

of Birmingham, Ala., Fort Worth, Tex., and Meridian, Jackson, and Vicksburg, Miss.; (b) from Birmingham over U.S. Highway 11 to junction U.S. Highway 82.

Thence over U.S. Highway 82 to Texarkana, Tex.-Ark., thence over U.S. Highway 67 (also over Interstate Highway 30) to Dallas, Tex., thence over U.S. Highway 80 to Fort Worth and return over the same route, serving the intermediate points of Columbus, Greenwood, and Greenville, Miss., El Dorado and Crossett, Ark., Texarkana, Tex.-Ark., and Greenville and Dallas, Tex., and the off-route points of Plano and Garland, Tex., and Camden, Ark., and those off-route points within a 15-mile radius of Birmingham, Ala., Dallas, and Fort Worth, Tex., Texarkana, Tex.-Ark., Columbus, Greenwood, and Greenville, Miss.; (7) between Birmingham, Ala., and Topeka, Kans.; from Birmingham over U.S. Highway 78 to Memphis, Tenn., thence over U.S. Highway 70 to junction U.S. Highway 63 (also Interstate Highway 55), thence over U.S. Highway 63 to junction U.S. Highway 60 at Cabool, Mo., thence over U.S. Highway 60 to Springfield, Mo., thence over U.S. Highway 66 to Carthage, Mo., thence over U.S. Highway 71 to Kansas City, Mo., thence over Interstate Highway 70 to Topeka and return over the same route, serving the intermediate points of Memphis, Tenn., Jonesboro, and West Memphis, Ark., Springfield and Carthage, Mo., and Kansas City, Mo.-Kans., and those off-route points within a 15-mile radius of Birmingham, Ala., and Kansas City, Mo.-Kans., and Springfield, Mo.; (8) between Memphis, Tenn., and Oklahoma City, Okla.; from Memphis over U.S. Highway 70 to West Memphis, Ark., thence over Interstate Highway 40 to Oklahoma City and return over the same route, serving the intermediate points of Little Rock, Russellville, and Fort Smith, Ark., and those off-route points within a 15-mile radius of Little Rock, Ark., and Oklahoma City, Okla.; (9) between West Memphis, Ark., and Oklahoma City, Okla.; from West Memphis over U.S. Highway 70 (also over Interstate Highway 40) to Little Rock, Ark., thence over U.S. Highway 64 to Warner, Okla., thence over U.S. Highway 266 to junction U.S. Highway 62.

Thence over U.S. Highway 62 to Oklahoma City and return over the same route, serving the intermediate points of Little Rock, Russellville, and Fort Smith, Ark., and those off-route points within a 15-mile radius of Little Rock, Ark., and Oklahoma City, Okla., (10) between Fort Smith, Ark., and Oklahoma City, Okla.; from Fort Smith over U.S. Highway 64 to Tulsa, Okla., thence over U.S. Highway 66 (also over Interstate Highway 44) to Oklahoma City and return over the same route, serving the intermediate points of Muscogee and Tulsa, Okla., and those off-route points within a 15-mile radius of Tulsa and Oklahoma City, Okla.; (11) between Little Rock, Ark., and Greenville, Miss.; from Little Rock over U.S. Highway 65 to junction U.S. Highway 82 near Lake Village, Ark., thence over U.S. Highway 82 to Greenville and return over the same route, serving no intermediate points, as an alternate route for operating convenience only (12) between Houston, Tex., and Dallas, Tex., over U.S. Highway 75 (also over Interstate Highway 45), serving no intermediate points, as an alternate route for operating convenience only; (13) between Little Rock, Ark., and Texarkana, Tex., over Interstate Highway 30 (also over U.S. Highway 67), serving no intermediate points, as an alternate route for operating convenience only. NOTE: Applicant states that the above proposed operation will be restricted to service between the principal, intermediate, and off-route points named and traffic moving from, to, or through Birmingham and Mobile, Ala., Pensacola, Fla., and Memphis, Tenn. Applicant also states that it intends to tack the above proposed routes with each other and with that authority previously granted under Certificates No. MC 94201 and subs, wherein applicant is authorized to serve points in the States of Alabama, Tennessee, Virginia, Maryland, Florida, Georgia, North Carolina, South Carolina, Mississippi, Kentucky, Louisiana, West Virginia, New York, Delaware, New Jersey, District of Columbia, and Connecticut. If a hearing is deemed necessary, applicant requests it be held at Birmingham, Ala., New Orleans, La., Houston and Dallas, Tex., Memphis, Tenn., Kansas City, Mo., and Oklahoma City, Okla.

No. MC 103435 (Sub-No. 172), filed July 28, 1965. Applicant: UNITED-BUCKINGHAM FREIGHT LINES, a corporation, East 915 Springfield Avenue, Spokane 2, Wash. Applicant's representative: George R. LaBissoniere, 333 Central Building, Seattle 4, Wash. Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *General commodities* (except articles of unusual value, livestock, dangerous explosives, commodities in bulk, and household goods, as defined in *Practices of Motor Common Carriers of Household Goods*, 17 M.C.C. 467), serving the site of the International Aluminum Co. reduction plant near Ferndale, Wash., as an off-route point in connection with applicant's authorized regular-route operations. NOTE: If a hearing is deemed necessary, applicant requests it be held at Seattle, Wash.

No. MC 103880 (Sub-No. 345), filed July 28, 1965. Applicant: PRODUCERS TRANSPORT, INC., 215 East Waterloo Road, Akron, Ohio, 44306. Applicant's representative: David Axelrod, 39 South La Salle Street, Chicago 3, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Paint thinner*, in bulk, in tank vehicles, from the plantsite of E. I. du Pont de Nemours & Co., located at Flint, Mich., to Norwood, Ohio, restricted to traffic originating at the above specified plantsite. NOTE: If a hearing is deemed necessary, applicant requests it be held at Lansing, Mich.

No. MC 103880 (Sub-No. 346), filed July 30, 1965. Applicant: PRODUCERS TRANSPORT, INC., 215 East Waterloo Road, Akron, Ohio. Applicant's representative: Carl Steiner, 39 South La Salle Street, Chicago 3, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Petroleum products*, in bulk, in tank vehicles, from Seymour, Ind., and points within 10 miles thereof, to points in Illinois, Ohio, and Kentucky. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 105275 (Sub-No. 35), filed July 29, 1965. Applicant: W. T. BYRNS MOTOR EXPRESS, INC., 646 Coffeen Street, Watertown, N.Y. Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *General commodities* (except those of unusual value, classes A and B explosives, household goods as defined by the Commission, commodities in bulk, and those requiring special equipment), between Watertown, N.Y., and Tupper Lake, N.Y., over New York Highway 3, serving no intermediate points, as an alternate route for operating convenience only in connection with carrier's authorized regular route operations. NOTE: Applicant states no duplication of authority is sought. Applicant further states that the persons who own and control applicant also own and control Pulp Transport Ltd., a contract carrier holding Permit No. MC 124024 Sub 1, therefore, dual operations may be involved. If a hearing is deemed necessary, applicant requests it be held at Syracuse, N.Y.

No. MC 105813 (Sub-No. 131) filed July 30, 1965. Applicant: BELFORD TRUCKING CO., INC., 1299 Northwest 23d Street, Miami, Fla. Applicant's representative: Carl L. Steiner, 39 South La Salle Street, Chicago 3, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Frozen foods*, from the plantsite and warehouses of the Pet Milk Co., located at Allentown, Pa., to points in Kentucky, Tennessee, Alabama, Georgia, Florida, Mississippi, Louisiana, North Carolina, South Carolina, Virginia, and West Virginia. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 106163 (Sub-No. 21), filed July 30, 1965. Applicant: RED LINE TRANSFER AND STORAGE CO., INC., 2600 West Sixth Avenue, Pine Bluff, Ark. Applicant's representative: Louis Tarlowski, Pyramid Life Building, Little Rock, Ark. Authority sought to operate as a *common carrier*, by motor vehicle, transporting: *General Commodities* (except those of unusual value, classes A and B explosives, household goods as defined by the Commission, commodities in bulk, and those requiring special equipment), *regular routes*, between Birmingham, Ala., and Greenville, Miss., from Birmingham over U.S. Highway 11 to junction U.S. Highway 82 at or near Tuscaloosa, thence over U.S. Highway 82 to Greenville, and return over the same route, serving no intermediate points, and serving Greenville for the purpose of joinder only with applicant's authorized regular-route authority in MC 106163; *irregular routes*, between Greenville, Miss., on the one hand, and, on the other, Little Rock, Pine Bluff, and the site of the U.S. arsenal plant, at Baldwin, Ark., and points in that part of Arkansas bounded by a line beginning

at Pine Bluff, and extending along the southeast bank of the Arkansas River to the west bank of the Mississippi River.

Thence along the west bank of the Mississippi River to the Arkansas-Louisiana State line, thence along the Arkansas-Louisiana State line to the east bank of the Ouachita River (approximately 5 miles east of Huttig, Ark.), thence along the east bank of the Ouachita River to Morobay, Ark., and thence along Arkansas Highway 15 to point of beginning. Restriction: (A) Proposed authority above shall not be combined or joined, directly or indirectly, with any other authority held by carrier herein for the purpose of performing any through service on traffic (1) originating at or moving through the Memphis, Tenn., commercial zone and destined to Greenville, Miss., and (2) originating at Greenville, Miss., destined to or moving through the Memphis, Tenn., commercial zone. (B) Proposed authority shall not be combined or joined, directly or indirectly, with any other authority held by applicant for purpose of performing any through service on traffic (1) originating at or moving through the the Memphis, Tenn., commercial zone destined to Birmingham, Ala., and (2) originating at Birmingham, Ala., destined to or moving through the Memphis, Tenn., commercial zone. NOTE: If a hearing is deemed necessary, applicant requests it be held at Little Rock, Ark.

No. MC 106297 (Sub-No. 40), filed July 27, 1965. Applicant: MID-STATES TRAILER TRANSPORT, INC., Post Office Box 243, Oak Glenn Station, Lansing, Ill. Applicant's representative: Joseph M. Scanlan, 111 West Washington Street, Chicago 2, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Buildings* in sections mounted on wheeled undercarriages with hitchball connection, between points in the United States including Alaska, but excluding Hawaii. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 106398 (Sub-No. 310), filed July 26, 1965. Applicant: NATIONAL TRAILER CONVOY, INC., 1925 National Plaza, Tulsa, Okla. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Trailers* designed to be drawn by passenger automobiles, in initial movements, in truckaway service, from points in Morgan County, Colo., to points in the United States (except Alaska and Hawaii). NOTE: Dual operations are involved, as applicant controls three contract carriers of various food and retail grocery merchandise, Food Transport, Inc., holding permit No. MC 29281 Sub 1, Market Haulage, Inc., holding permits No. MC 116714 and subs thereunder, and Relay Transport, Inc., holding permits No. MC 111309 and Sub 2. If a hearing is deemed necessary, applicant requests it be held at Denver, Colo.

No. MC 106398 (Sub-No. 311), filed July 26, 1965. Applicant: NATIONAL TRAILER CONVOY, INC., 1925 National Plaza, Tulsa, Okla. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Trailers* designed to be drawn by passenger automobiles, in initial movements, in truckaway service, from points in Yamhill County, Oreg., to points in the United States (except Alaska and Hawaii). NOTE: Dual operations are involved, as applicant controls three contract carriers of various food and retail grocery merchandise, Food Transport, Inc., holding permit No. MC 29281 Sub 1, Market Haulage, Inc., holding permits No. MC 116714 and subs thereunder, and Relay Transport, Inc., holding permits No. MC 111309 and Sub 2. If a hearing is deemed necessary, applicant requests it be held at Portland, Oreg.

No. MC 106398 (Sub-No. 312), filed July 26, 1965. Applicant: NATIONAL TRAILER CONVOY, INC., 1925 National Plaza, Tulsa, Okla. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Trailers* designed to be drawn by passenger automobiles, in initial movements, in truckaway service, from points in Greenville County, S.C., to points in the United States except Alaska and Hawaii. NOTE: Dual operations are involved, as applicant controls three contract carriers of various food and retail grocery merchandise, Food Transport, Inc., holding permit No. MC 29281 Sub 1, Market Haulage, Inc., holding permits No. MC 116714 and subs thereunder, and Relay Transport, Inc., holding permits No. MC 111309 and Sub 2. If a hearing is deemed necessary, applicant requests it be held at Columbia, S.C.

No. MC 106398 (Sub-No. 313), filed July 26, 1965. Applicant: NATIONAL TRAILER CONVOY, INC., 1925 National Plaza, Tulsa, Okla. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Trailers* designed to be drawn by passenger automobiles, in initial movements, in truckaway service, from points in Pittsylvania County, Va., to points in the United States (except Alaska and Hawaii). NOTE: Dual operations are involved, as applicant controls three contract carriers of various food and retail grocery merchandise, Food Transport, Inc., holding permit No. MC 29281 Sub 1, Market Haulage, Inc., holding permits No. MC 116714 and subs thereunder, and relay Transport, Inc., holding permits No. MC 111309 and Sub 2. If a hearing is deemed necessary, applicant requests it be held at Richmond, Va.

No. MC 106400 (Sub-No. 57), filed July 26, 1965. Applicant: KAW TRANSPORT CO., a corporation, 701 North Sterling, Sugar Creek, Mo., 64054. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Acids, chemicals, fertilizers, and fertilizer ingredients*, between points in Illinois, Indiana, Wisconsin, Minnesota, Iowa, Missouri, Kansas, Nebraska, and South Dakota. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 106603 (Sub-No. 77), filed July 27, 1965. Applicant: DIRECT TRANSIT LINES, INC., 200 Colrain Street SW., Grand Rapids, Mich. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Canned goods*, from the distribution center of Michigan Fruit Canners located approximately two (2) miles west of Coloma, Mich., to points in Indiana, Illinois, Ohio, and Wisconsin, and *rejected shipments* of the commodities specified above, on return. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C., or Chicago, Ill.

No. MC 107002 (Sub-No. 264), filed August 2, 1965. Applicant: HEARIN-MILLER TRANSPORTERS, INC., Post Office Box 1123 (Highway 80 West), Jackson, Miss. Applicant's representative: Harry C. Ames, Jr., 529 Transportation Building, Washington, D.C., 20006. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Liquid fertilizer* and *liquid fertilizer solutions*, from points in Morgan County, Ala., to points in Mississippi. NOTE: If a hearing is deemed necessary, applicant requests it be held at Jackson, Miss.

No. MC 107064 (Sub-No. 42), filed July 28, 1965. Applicant: STEERE TANK LINES, INC., 2808 Fairmount Street, Post Office Box 2998, Dallas, Tex. Applicant's representative: Hugh T. Matthews, 630 Fidelity Union Tower, Dallas, Tex. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Acids, chemicals, petroleum, and petroleum products*, between points in Texas and New Mexico, on the one hand, and, on the other, points in Arizona, Colorado, Nebraska, Iowa, Texas, Utah, Wyoming, South Dakota, Idaho, Missouri, Kansas, Oklahoma, Arkansas, New Mexico, Nevada, Montana, and North Dakota. NOTE: If a hearing is deemed necessary, applicant requests it be held at Dallas, Tex.

No. MC 107162 (Sub-No. 17), filed August 2, 1965. Applicant: NOBLE GRAHAM, Brimley, Mich. Applicant's representative: John T. Porter, 708 First National Bank Building, Madison, Wis., 53703. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Lumber* (except flooring, plywood, veneer, and furniture stock), from points in the upper peninsula of Michigan, to the port of entry on the International Boundary Line between the United States and Canada at Sault Ste. Marie, Mich. NOTE: If a hearing is deemed necessary, applicant requests it be held at Lansing, Mich.

No. MC 107162 (Sub-No. 18), filed August 2, 1965. Applicant: NOBLE GRAHAM, Brimely, Mich. Applicant's representative: John T. Porter, 708 First National Bank Building, Madison, Wis., 53703. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Building stone*, on flatbed trailers, from points in Lawrence County, Ind., and Fond du Lac and Waukesha Counties, Wis., to points in the upper peninsula of Michigan. NOTE: If a hearing is deemed necessary, applicant requests it be held at Lansing, Mich.

No. MC 107403 (Sub-No. 634), filed July 29, 1965. Applicant: MATLACK INC., 10 West Baltimore Avenue., Lansdowne, Pa. Authority sought to operate

as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Silica gel catalyst*, in bulk, in pressurized tank vehicles, from Cincinnati, Ohio, to points in Louisiana and Texas. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 107403 (Sub-No. 635), filed August 5, 1965. Applicant: MATLACK, INC., 10 West Baltimore Avenue, Lansdowne, Pa. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Petroleum and petroleum products*, in bulk, in tank vehicles, from Falling Rock, W. Va., to Baltimore, Md.; Philadelphia, Pa., and Paulsboro, N.J. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 107496 (Sub-No. 392), filed July 30, 1965. Applicant: RUAN TRANSPORT CORP., Keosauqua Way at Third, Des Moines, Iowa. Applicant's representative: H. L. Fabritz (same as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Air entraining solution and concrete water reducing compound*, in bulk, from Denver, Colo., to Springfield, Va., Tulsa and Oklahoma City, Okla., Phoenix, Ariz., and Tiltonsville, Ohio. NOTE: Common control may be involved. If a hearing is deemed necessary, applicant requests it be held at Denver, Colo.

No. MC 107496 (Sub-No. 393), filed July 29, 1965. Applicant: RUAN TRANSPORT CORP., Keosaqua Way at Third Street, Des Moines, Iowa. Applicant's representative: H. L. Fabritz (same address as applicant's). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Fertilizer and fertilizer ingredients*, from Olathe, Kans., to points in Nebraska. NOTE: If a hearing is deemed necessary, applicant requests it be held at Des Moines, Iowa.

No. MC 107500 (Sub-No. 90), filed August 2, 1965. Applicant: BURLINGTON TRUCK LINES, INC., 796 South Pearl Street, Galesburg, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *General commodities* (except those of unusual value, classes A and B explosives, household goods as defined by the Commission, commodities in bulk, and those requiring special equipment), between Carthage, Ill., and junction U.S. Highway 136 and Illinois Highway 61, over U.S. Highway 136, for operating convenience only in connection with applicant's authorized regular-route operations. NOTE: Applicant states it is a wholly owned subsidiary of the Chicago, Burlington, and Quincy Railroad Co. If a hearing is deemed necessary, applicant requests it be held at Chicago or Springfield, Ill.

No. MC 107500 (Sub-No. 91), filed August 2, 1965. Applicant: BURLINGTON TRUCK LINES, INC., 796 South Pearl Street, Galesburg, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *General commodities* (except those of unusual value, classes A and B explosives, household goods as defined by the Commission, commodities in bulk, and those requiring special equipment), between St. Joseph, Mo., and junction U.S. Highways 36 and 383 east of Norton, Kansas., over U.S. Highway 36, serving no intermediate points and serving the termini for the purposes of joinder only, as an alternate route for operating convenience only, in connection with applicant's authorized regular-route operations, restricted against handling any traffic originating at or destined to Kansas points. NOTE: Applicant states that it intends to use the above proposed alternate route in connection with traffic it is presently handling, originating at or destined to points it is authorized to serve east and south of St. Joseph, Mo., and north and west of Norton, Kans. Applicant is a wholly owned subsidiary of the Chicago, Burlington, and Quincy Railroad Co. If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill., or Omaha, Nebr.

No. MC 107500 (Sub-No. 92), filed August 2, 1965. Applicant: BURLINGTON TRUCK LINES, INC., 796 South Pearl Street, Galesburg, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *General commodities* (except those of unusual value, classes A and B explosives, household goods as defined by the Commission, commodities in bulk, and those requiring special equipment), between Havana, Ill., and Chicago, Ill.; from Havana over U.S. Highway 136 to junction U.S. Highway 66 (also Interstate Highway 55), thence over U.S. Highway 66 (also over Interstate Highway 55) to Chicago and return over the same route, serving no intermediate points, as an alternate route for operating convenience only in connection with applicant's authorized regular-route operations. NOTE: Applicant is a wholly owned subsidiary of the Chicago, Burlington, and Quincy Railroad Co. If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 107515 (Sub-No. 522), filed July 30, 1965. Applicant: REFRIGERATED TRANSPORT CO., INC., Post Office Box 10799, Atlanta, Ga., 30310. Applicant's representative: Paul M. Daniell, Suite 1600 First Federal Building, Atlanta, Ga., 30303. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Frozen foods*, from Baltimore, Md., to points in Georgia, Florida, Ohio, Wisconsin, Michigan, Tennessee, Arkansas, Kentucky, Indiana, West Virginia, Virginia, Illinois, and Missouri. NOTE: If a hearing is deemed necessary, applicant requests it be held at Philadelphia, Pa., or Washington, D.C.

No. MC 107818 (Sub-No. 36), filed July 29, 1965. Applicant: GREENSTEIN TRUCKING CO., a corporation, 280 Northwest 12th Avenue, Pompano Beach, Fla. Applicant's representative: Martin Sack, 710 Atlantic National Bank Building, Jacksonville, Fla., 32202. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Egg cartons*, from Morris, Ill., to points in Tennessee, South Carolina, and Birmingham, Ala., and points with 65 miles of Birmingham, Ala. NOTE: If a hearing is deemed necessary, applicant requests it be held at Atlanta, Ga., or Jacksonville, Fla.

No. MC 108067 (Sub-No. 9), filed July 29, 1965. Applicant: AL ZEFFIRO TRANSFER AND STORAGE, INC., Eighth Street and Meldon Avenue, Donora, Pa. Applicant's representative: Henry M. Wick, Jr., 1515 Park Building, Pittsburgh, Pa., 15222. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Iron and steel* and *iron and steel articles* as described in appendix V to the report in *Descriptions in Motor Carrier Certificates*, 61 M.C.C. 209 and 766, between Allenport and Monessen, Pa., on the one hand, and, on the other, points in Illinois, Indiana, and the southern peninsula of Michigan. NOTE: If a hearing is deemed necessary, applicant requests it be held at Pittsburgh, Pa.

No. MC 108207 (Sub-No. 162), filed July 26, 1965. Applicant: FROZEN FOOD EXPRESS, a corporation, 318 Cadiz, Dallas, Tex. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Bananas, coconuts, and pineapples*, from Freeport, Tex., to points in Kansas, Missouri, Illinois, Oklahoma, Arkansas, Indiana, Iowa, Nebraska, Wisconsin, Minnesota, Michigan, Texas, Ohio, and Tennessee. NOTE: If a hearing is deemed necessary, applicant requests it be held at Dallas, Tex.

No. MC 108207 (Sub-No. 163), filed July 26, 1965. Applicant: FROZEN FOOD EXPRESS, a corporation, 318 Cadiz, Dallas, Tex. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Bananas, coconuts, and pineapples*, from Dallas, Tex., to points in Kansas, Missouri, Illinois, Oklahoma, Arkansas, Indiana, Iowa, Nebraska, Wisconsin, Minnesota, Michigan, Texas, Ohio, and Tennessee. NOTE: If a hearing is deemed necessary, applicant requests it be held at Dallas, Tex.

No. MC 108912 (Sub-No. 13), filed July 26, 1965. Applicant: CHICAGO PITTSBURGH EXPRESS, INC., 134 North La Salle Street, Chicago, Ill. Applicant's representative: Joseph M. Scanlan, 111 West Washington Street, Chicago 2, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products, meat byproducts, dairy products, and articles distributed by meat packinghouses*, other than commodities in bulk, in tank vehicles, from Phelps City, Mo., to points in Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, West Virginia, Delaware, Indiana, Ohio, and Illinois. NOTE: If a hearing is deemed necessary, applicant does not specify a location.

No. MC 109132 (Sub-No. 21), filed August 4, 1965. Applicant: FREIGHTWAYS, INC., 1309 North Mosley, Wichita, Kans. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products, meat byproducts*, and *articles distributed by meat packinghouses*, as described in sections A and C of appendix I to the report in *Descrip-*

tions in Motor Carrier Certificates, 61 M.C.C. 209 and 766 (except commodities in bulk, in tank vehicles), from Wichita, Kans., to points in Illinois, Indiana, Kansas, and Missouri, and those in Dane, Green, Jefferson, Kenosha, Rock, Walworth, and Waukesha Counties, Wis. NOTE: If a hearing is deemed necessary, applicant requests it be held at Wichita, Kans.

No. MC 110098 (Sub-No. 65), filed July 26, 1965. Applicant: ZERO REFRIGERATED LINES, 815 Merida Street, Box 7249, Station A, San Antonio, Tex. Applicant's representative: Donald L. Stern, 630 City National Bank Building, Omaha 2, Nebr. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products, and meat byproducts, and articles distributed by meat packinghouses* as described in sections A and C of appendix I to the report in *Descriptions in Motor Carrier Certificates*, 61 M.C.C. 209 and 766 (except commodities in bulk, in tank vehicles), from Gooding, Idaho, and points within 10 miles thereof, to points in Illinois, Iowa, Missouri, Kansas, Nebraska, Colorado, Oklahoma, Texas, New Mexico, and Arizona. NOTE: If a hearing is deemed necessary, applicant requests it be held at Boise, Idaho.

No. MC 110098 (Sub-No. 66), filed July 26, 1965. Applicant: ZERO REFRIGERATED LINES, a corporation, 815 Merida Street, Box 7249, San Antonio, Tex. Applicant's representative: Donald L. Stern, 630 City National Bank Building, Omaha 2, Nebr. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products, and meat byproducts, and articles distributed by meat packinghouses* as described in sections A and C of appendix I to the report in *Descriptions in Motor Carrier Certificates*, 61 M.C.C. 209 and 766 (except commodities in bulk, in tank vehicles), from the plantsite of Missouri Beef Packers, located at or near Phelps City, Mo., to points in Arkansas, Oklahoma, Louisiana, Texas, Mississippi, Alabama, Georgia, Florida, North Carolina, South Carolina, and Tennessee. NOTE: If a hearing is deemed necessary, applicant requests it be held at Kansas City, Mo.

No. MC 110193 (Sub-No. 105), filed July 26, 1965. Applicant: SAFEWAY TRUCK LINES, INC., 20450 Ireland Road, South Bend, Ind. Applicant's representative: W. J. Kobos, 52773 Brookdale Drive, South Bend, Ind. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Acids and chemicals*, in drums and packages and not in bulk, from Millsdale, Ill., to Fieldsboro, N.J., and (2) *citric acid*, in drums and packages and not in bulk, from Fieldsboro, N.J., to points in Ohio, Michigan (except the upper peninsula), Illinois, Missouri, Indiana, and Kansas. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 110420 (Sub-No. 470), filed July 27, 1965. Applicant: QUALITY CARRIERS, INC., Post Office Box 339, 100 South Calumet Street, Burlington, Wis. Applicant's representative: Fred H. Figge (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Chemicals*, in bulk, in tank vehicles, from Kansas City, Kans., to points in Alabama, Arkansas, Georgia, Louisiana, and Mississippi. NOTE: If a hearing is deemed necessary, applicant requests it be held at Kansas City, Mo.

No. MC 110420 (Sub-No. 471), filed July 27, 1965. Applicant: QUALITY CARRIERS, INC., Post Office Box 339, 100 South Calumet Street, Burlington, Wis. Applicant's representative: Fred H. Figge (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Vegetable oils and blends and products thereof*, in bulk, from Granite City, Ill., to points in Maine, Vermont, New Hampshire, Georgia, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Florida, West Virginia, Maryland, Delaware, Virginia, North Carolina, South Carolina, and the District of Columbia. NOTE: If a hearing is deemed necessary, applicant requests it be held at St. Louis, Mo.

No. MC 110420 (Sub-No. 472), filed July 27, 1965. Applicant: QUALITY CARRIERS, INC., Post Office Box 339, 100 South Calumet Street, Burlington, Wis. Applicant's representative: Fred H. Figge (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Formaldehyde*, in bulk, in tank vehicles, from the plantsite of the Reichold Chemicals, Inc., Kansas City, Kans., to the plantsite of the Reichold Chemicals, Inc., located in Ferndale (Detroit), Mich. NOTE: If a hearing is deemed necessary, applicant requests it be held at Kansas City, Mo.

No. MC 110420 (Sub-No. 473), filed July 28, 1965. Applicant: QUALITY CARRIERS, INC., 100 South Calumet Street, Burlington, Wis. Applicant's representative: Fred H. Figge (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Furfural*, in bulk, in tank vehicles, from Cedar Rapids, Iowa, to Sheboygan, Wis. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 110420 (Sub-No. 475), filed July 27, 1965. Applicant: QUALITY CARRIERS, INC., Post Office Box 339, 100 South Calumet Street, Burlington, Wis. Applicant's representative: Fred H. Figge (address same as applicant's). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Corn products, including but not restricted to corn grits, cornmeal, and corn flour*, dry, in bulk, in pressurized bulk trailers, from Indianapolis, Ind., to points in Illinois, Kentucky, Michigan, and Ohio. NOTE: If a hearing is deemed necessary, applicant requests it be held at Indianapolis, Ind.

No. MC 110563 (Sub-No. 32), filed August 2, 1965. Applicant: COLDWAY FOOD EXPRESS, INC., Ohio Building, Sidney, Ohio. Applicant's representative: Joseph Scanlan, 111 West Washington Street, Chicago, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products, meat byproducts and articles distributed by meat packinghouses*, as described in sections A and C of appendix I to the report in *Descriptions in Motor Carrier Certificates*, 61 M.C.C. 209 and 766 (except hides and commodities in bulk, in tank vehicles), from Phelps City, Mo., to points in Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, Virginia, West Virginia, and the District of Columbia. NOTE: If a hearing is deemed necessary, applicant requests it be held at Kansas City, Mo.

No. MC 111231 (Sub-No. 71), filed July 28, 1965. Applicant: JONES TRUCK LINES, INC., 610 East Emma Avenue, Springdale, Ark. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Canned goods*, and (2) *commodities*, the transportation of which is partially exempt under the provisions of section 203(b)(6) of the Interstate Commerce Act if transported in vehicles not used in carrying any other property when moving in the same vehicle at the same time with canned goods, from Lindale, Tex., to points in Kentucky, Indiana, Kansas, Missouri, Illinois, and Michigan. NOTE: If a hearing is deemed necessary, applicant requests it be held at Memphis, Tenn.

No. MC 111231 (Sub-No. 72), filed July 28, 1965. Applicant: JONES TRUCK LINES, INC., 610 East Emma Avenue, Springdale, Ark. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Canned foods*, from Tyler and Lindale, Tex., to points in Arizona, Oklahoma, and New Mexico. NOTE: If a hearing is deemed necessary, applicant does not specify a location.

No. MC 112148 (Sub-No. 35), filed July 29, 1965. Applicant: JAMES H. POWERS, INC., Melbourne, Iowa. Applicant's representative: William A. Landau, 1307 East Walnut Street, Des Moines 16, Iowa. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Vinegar, apple juice*, and *sweet cider*, from Bailey, Mich., to points in Iowa and Nebraska. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill., or Des Moines, Iowa.

No. MC 112254 (Sub-No. 5), filed August 4, 1965. Applicant: ROY L. ESTES, doing business as ROY ESTES TRUCKING COMPANY, 533 Jackson Street, Kingsport, Tenn. Applicant's representative: Clifford E. Sanders, 321 East Center Street, Kingsport, Tenn., 37660. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Cinder blocks, clay and clay products, shale and shale products, concrete and concrete products, and mortar mixes*, from Groseclose, Va., to points in Bell, Breathitt, Clay, Floyd, Harlan, Jackson, Johnson, Knott, Knox, Laurel, Leslie, Letcher, Mc-

Creary, Magoffin, Martin, Owsley, Perry, Pike, Rockcastle, and Whitley Counties, Ky., and points in Fayette, Logan, McDowell, Mercer, Mingo, Raleigh, Summers, and Wyoming Counties, W. Va. NOTE: Applicant states the proposed operations will be under a continuing contract or contracts with General Shale Products Corp., Johnson City, Tenn. Applicant is also authorized to conduct operations as a common carrier in Certificate No. MC 114982, therefore dual operations may be involved. If a hearing is deemed necessary, applicant requests it be held at Knoxville, Tenn.

No. MC 112668 (Sub-No. 41), filed July 26, 1965. Applicant: HARVEY R. SHIPLEY & SONS, INC., Post Office, Finksburg, Md. Applicant's representative: Donald E. Freeman, 172 East Green Street, Westminster, Md., 21157. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Calcium chloride*, in bulk, in bags and in packages, from Baltimore and Glyndon, Md., to points in Delaware, Maryland, the District of Columbia, those in Adams, Cumberland, Chester, Dauphin, Delaware, Franklin, Lancaster, Lebanon, York, Philadelphia, and Montgomery Counties, Pa., those in Arlington, Fauquier, Fairfax, Clarke, Culpeper, Frederick, King George, Loudoun, Madison, Orange, Prince William, Rappahannock, Spotsylvania, Stafford and Warren Counties, Va., and those in Jefferson County, W. Va. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 112893 (Sub-No. 30), filed July 28, 1965. Applicant: BULK TRANSPORT COMPANY, a corporation, 100 South Calumet, Burlington, Wis. Applicant's representative: Fred H. Figge (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Coal tar and coal tar products* (except coal tar chemicals) and *asphalt and asphalt products*, from Joliet, Ill., to points in Indiana, Iowa, Michigan, Missouri, and Wisconsin. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 113325 (Sub-No. 55), filed August 5, 1965. Applicant: SLAY TRANSPORTATION CO., INC., 2001 South Seventh Street, St. Louis, Mo., 63104. Applicant's representative: Chester A. Zyblut, 1000 Connecticut Avenue NW., Washington, D.C., 20036. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Commodities in bulk*, having prior movement by rail, water, or pipeline, between points in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, Tennessee, Texas, North Carolina, and South Carolina. NOTE: If a hearing is deemed necessary, applicant does not specify place of hearing.

No. MC 113362 (Sub-No. 68) (AMENDMENT) filed April 19, 1965, published in FEDERAL REGISTER issue of May 5, 1965, amended August 5, 1965, and republished as amended this issue. Applicant: ELLSWORTH FREIGHT LINES, INC., 220 East Broadway, Eagle Grove, Iowa. Applicant's representative: William J. Boyd, 30 North La Salle Street, Chicago 2, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Frozen foods*, from Braddock, Lake City, and Saltsburg, Pa., to points in Indiana, Illinois, Missouri, Iowa, Wisconsin, Minnesota, South Dakota, and Fargo, N. Dak. NOTE: The purpose of this republication is to add Saltsburg, Pa., as an origin point. If a hearing is deemed necessary, applicant requests it be held at Pittsburgh, Pa.

No. MC 113362 (Sub-No. 81), filed July 27, 1965. Applicant: ELLSWORTH FREIGHT LINES, INC., 220 East Broadway, Eagle Grove, Iowa. Applicant's representative: William J. Boyd, 30 North La Salle Street, Chicago, Ill., 60602. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Frozen food* and *frozen products*, including *frozen animal and poultry food* from New Bedford, Mass., and points within twenty (20) miles thereof, to points in Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Nebraska, Ohio, and Wisconsin. NOTE: If a hearing is deemed necessary, applicant requests it be held at Boston, Mass.

No. MC 113362 (Sub-No. 82), filed July 27, 1965. Applicant: ELLSWORTH FREIGHT LINES, INC., 220 East Broadway, Eagle Grove, Iowa. Applicant's representative: William J. Boyd, 30 North La Salle Street, Chicago, Ill., 60602. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Foodstuffs*, from North Chicago, Ill., to points in Iowa. NOTE: If a hearing is deemed necessary, applicant requests it be held at Des Moines, Iowa.

No. MC 113362 (Sub-No. 83), filed July 27, 1965. Applicant: ELLSWORTH FREIGHT LINES, INC., 220 East Broadway, Eagle Grove, Iowa. Applicant's representative: William J. Boyd, 30 North La Salle Street, Chicago, Ill., 60602. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Frozen foods*, from the plantsite and warehouses of the Pet Milk Co., located at Allentown and Chambersburg, Pa., to points in Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin, and St. Louis, Mo. NOTE: If a hearing is deemed necessary, applicant requests it be held at St. Louis, Mo.

No. MC 113362 (Sub-No. 84), filed July 30, 1965. Applicant: ELLSWORTH FREIGHT LINES, INC., 220 East Broadway, Eagle Grove, Iowa. Applicant's representative: Donald L. Stern, 630 City National Bank Building, Omaha, Nebr. Authority sought to operate a *common carrier*, by motor vehicle, over irregular routes, transporting: *Frozen foods*, from Elmira, N.Y., to points in Illinois, Indiana, Michigan, Ohio, and Carrollton, Macon, Marshall, Milan, Moberly, and St. Joseph, Mo. NOTE: If a hearing is deemed necessary, applicant requests it be held at St. Louis, Mo.

No. MC 113843 (Sub-No. 101), filed July 30, 1965. Applicant: REFRIGERATED FOOD EXPRESS, INC., 316 Summer Street, Boston, Mass., 02210. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Canned and preserved foodstuffs*, from points in Chautauqua County, N.Y., to points in Michigan. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill., or Buffalo, N.Y.

No. MC 113855 (Sub-No. 110), filed August 2, 1965. Applicant: INTERNATIONAL TRANSPORT, INC., Highway 52 South, Rochester, Minn. Applicant's representative: Gene P. Johnson, First National Bank Building, Fargo, N. Dak., 58102. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Lumber*, from points in Lawrence, Pennington, Meade, and Custer Counties, S. Dak., and Western County, Wyo., to points in Wisconsin, Indiana, Minnesota, Iowa, Illinois, and points in Nebraska on and east of U.S. Highway 81. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 113861 (Sub-No. 33), filed July 26, 1965. Applicant: WOOTEN TRANSPORTS, INC., 153 Gaston Avenue, Memphis, Tenn. Applicant's representative: Louis I. Dailey, 2111 Sterick Building, Memphis, Tenn., 38103. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Phosphoric acid, phosphatic fetilizer solutions*, and *nitrogen fertilizer solutions*, in bulk, in tank vehicles, from Memphis, Tenn., to points in Kentucky, Arkansas, that part of Missouri on and east of U.S. Highway 65 and on and south of U.S. Highway 66, that part of Mississippi on and north of U.S. Highway 80, and that part of Alabama on and north of U.S. Highway 78. NOTE: If a hearing is deemed necessary, applicant requests it be held at Memphis, Tenn.

No. MC 114004 (Sub-No. 61), filed August 3, 1965. Applicant: CHANDLER TRAILER CONVOY, INC., 8828 New Benton Highway, Little Rock, Ark. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Trailers*, designed to be drawn by passenger automobiles, in initial movements, in truckaway service, from Greenville, S.C., and points within 8 miles thereof, to points in the United States, including Alaska, but excluding Hawaii. NOTE: If a hearing is deemed necessary, applicant requests it be held at Greenville, S.C.

No. MC 114115 (Sub-No. 12), filed July 29, 1965. Applicant: TRUCKWAY SERVICE, INC., 1099 Oakwood Boulevard, Detroit, Mich. Applicant's representatives: James R. Stiverson, 50 West Broad Street, Columbus, Ohio, and Herbert Baker (same address). Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Salt*, between points in Illinois, Indiana, Kentucky, Michigan, Ohio, and Pennsylvania. NOTE: Applicant states the proposed service to be restricted to traffic having a prior or subsequent rail, truck, or water movement. No duplicating authority is sought. If a hearing is deemed necessary, applicant requests it be held at Columbus, Ohio.

No. MC 114533 (Sub-No. 104), filed August 2, 1965. Applicant: B. D. C.

CORPORATION, 4970 South Archer Avenue, Chicago, Ill., 60632. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Impressions, models*, and *bites, articulators, dentures*, and *products* and *supplies* relating to restorative dentistry, (2) *eyeglasses, frames, lenses*, and *other parts thereof* and *optical supplies*, (3) *exposed and processed film and prints, complimentary replacement film*, and *incidental dealer handling supplies* (except commercial and television motion picture film), and (4) *audit and accounting media, business records, microfilm*, and *commercial papers* such as are used in the conduct and operation of banks and banking institutions, between Omaha, Nebr., on the one hand, and, on the other, points in Iowa. NOTE: If a hearing is deemed necessary, applicant requests it be held at Omaha, Nebr.

No. MC 114848 (Sub-No. 25), filed August 2, 1965. Applicant: WHARTON TRANSPORT CORPORATION, 1498 Channel Avenue, Memphis, Tenn. Applicant's representative: James N. Clay, III, 340 Sterick Building, Memphis, Tenn. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Clay*, in bulk, (1) between points in Tennessee and South Carolina, and (2) from points in Tennessee to points in North Carolina. NOTE: If a hearing is deemed necessary, applicant requests it be held at Memphis, Tenn.

No. MC 115056 (Sub-No. 15), filed July 26, 1965. Applicant: BUNDY TRUCK LINE, INC., Gatesville, N.C. Applicant's representative: Edward G. Villalon, 1735 K Street NW., Washington, D.C., 20006. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Pickle products*, from Ahoskie, N.C., to points in New York, New Jersey, Connecticut, Virginia, Maryland, and Pennsylvania. NOTE: If a hearing is deemed necessary, applicant requests it be held at Raleigh, N.C.

No. MC 115331 (Sub-No. 141), filed July 23, 1965. Applicant: TRUCK TRANSPORT, INCORPORATED, 707 Market Street, St. Louis, Mo. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Lime, limestone, and limestone products*, from points in Adams County, Ill., to points in Iowa, Missouri, Indiana, Illinois, Kansas, Nebraska, Kentucky, Ohio, Michigan, Wisconsin, Minnesota, and South Dakota. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 115331 (Sub-No. 142), filed July 26, 1965. Applicant: TRUCK TRANSPORT, INCORPORATED, 707 Market Street, St. Louis, Mo. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Silica sand and silica flour*, in containers, from points in St. Charles, St. Louis, and Jefferson Counties, Mo., to points in Iowa, Kansas, Arkansas, Illinois, Kentucky, Tennessee, and Indiana. NOTE: If a hearing is deemed necessary, applicant requests it be held at St. Louis, Mo.

No. MC 115331 (Sub-No. 143), filed July 26, 1965. Applicant: TRUCK TRANSPORT, INCORPORATED, 707 Market Street, St. Louis, Mo. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Petroleum products*, from Wood River, Ill., and points within five (5) miles thereof, to points in Arkansas, Indiana, Iowa, Kansas, Nebraska, Kentucky, Michigan, Minnesota, Mississippi, Missouri, New Jersey, New York, Ohio, Pennsylvania, Tennessee, and Wisconsin. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill. or St. Louis, Mo.

No. MC 115331 (Sub-No. 144), filed July 26, 1965. Applicant: TRUCK TRANSPORT, INCORPORATED, 707 Market Street, St. Louis, Mo. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Acids, chemicals, fertilizer*, and *fertilizer ingredients*, in bulk, between points in Illinois, Indiana, Wisconsin, Minnesota, Iowa, Missouri, Kansas, Nebraska, Ohio, South Dakota, Kentucky, Arkansas, Oklahoma, and Michigan. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill., or St. Louis, Mo.

No. MC 115331 (Sub-No. 145), filed July 26, 1965. Applicant: TRUCK TRANSPORT, INCORPORATED, 707 Market Street., St. Louis, Mo. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Ink*, in bulk, from St. Louis, Mo., to points in Illinois, Iowa, Indiana, Kansas, Kentucky, Missouri, Tennessee, and Wisconsin. NOTE: If a hearing is deemed necessary, applicant requests it be held at St. Louis, Mo., or Chicago, Ill.

No. MC 115826 (Sub-No. 75), filed July 30, 1965. Applicant: W. J. DIGBY, INC., Post Office Box 5088, T.A., Denver, Colo. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Frozen foods*, from Denver, Colo., to Phoenix and Tucson, Ariz., Las Vegas, and Reno, Nev., San Diego, Richmond, Fresno, Stockton, Sacramento, Los Angeles, San Francisco, and Oakland, Calif. NOTE: If a hearing is deemed necessary, applicant requests it be held at Denver, Colo.

No. MC 115826 (Sub-No. 76), filed August 5, 1965. Applicant: W. J. DIGBY, INC., Post Office Box 5088, Terminal Annex, Denver, Colo. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products, meat byproducts, and articles distributed by meat packinghouses*, from Gordon, Nebr., to points in Oregon, Washington, Idaho, and California. NOTE: If a hearing is deemed necessary, applicant requests it be held at Denver, Colo.

No. MC 115826 (Sub-No. 77), filed August 5, 1965. Applicant: W. J. DIGBY, JR., Post Office Box 5088, Terminal Annex, Denver, Colo. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Foodstuffs*, from Lawton, Mich., to points in Idaho, Montana, Wyoming, and Utah. NOTE: If a hearing is deemed necessary, applicant requests it be held at Denver, Colo.

No. MC 115841 (Sub-No. 246), filed August 2, 1965. Applicant: COLONIAL REFRIGERATED TRANSPORTATION, INC., 1215 Bankhead Highway West, Post Office Box 2169, Birmingham, Ala. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Candy, confectioneries*, and *confectionery products and ingredients*, from Reading and West Reading, Pa., to points in Tennessee, Alabama, Mississippi, and Louisiana. NOTE: If a hearing is deemed necessary, applicant requests it be held at Philadelphia, Pa.

No. MC 116254 (Sub-No. 59), filed August 2, 1965. Applicant: CHEM-HAULERS, INC., Post Office Box 245, Sheffield, Ala. Applicant's representative: Walter Harwood, Nashville Bank & Trust Building, Nashville 3, Tenn. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Petroleum* and *petroleum products*, in bulk, in tank vehicles, from Albany and Alma, Ga., and points within 15 miles of each, to points in Alabama, Florida, South Carolina, and North Carolina. NOTE: If a hearing is deemed necessary, applicant requests it be held at Atlanta, Ga., or Birmingham, Ala.

No. MC 116544 (Sub-No. 61), filed July 30, 1965. Applicant: WILSON BROTHERS TRUCK LINE, INC., 700 East Fairview Avenue, Carthage, Mo. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products, meat byproducts, and articles distributed by meat packinghouses*, as described in sections A and C of Appendix I to the report in *Descriptions in Motor Carrier Certificates*, 61 M.C.C. 209 and 766 (except hides and commodities in bulk, in tank vehicles), from the plantsite of Missouri Beef Packers, Inc., located at or near Phelps City, Mo., to points in Alabama, Florida, Georgia, North Carolina, South Carolina, and Tennessee (except Memphis, Tenn.). NOTE: If a hearing is deemed necessary, applicant requests it be held at Kansas City, Mo., or Omaha, Nebr.

No. MC 116544 (Sub-No. 62), filed August 2, 1965. Applicant: WILSON BROTHERS TRUCK LINE, INC., 700 East Fairview Avenue, Carthage, Mo. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Bananas, and coconuts* in mixed shipments with bananas, from Freeport, Tex., to points in Louisiana, Arkansas, Oklahoma, Missouri, Kansas, Nebraska, Iowa, South Dakota, North Dakota, Wyoming, Minnesota, Wisconsin, and Illinois. NOTE: If a hearing is deemed necessary, applicant requests it be held at New Orleans, La.

No. MC 116763 (Sub-No. 59), filed August 4, 1965. Applicant: CARL SUBLER TRUCKING, INC., North West Street, Versailles, Ohio. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Canned, prepared*, or *preserved foodstuffs*, from points in Arkansas, Tyler and Lindale, Tex., and that part of Texas beginning at the Texas-Louisiana State line and extending on

and north of U.S. Highway 80 to Fort Worth, Tex., thence on and east of Interstate Highway 35W to the Texas-Oklahoma State line, and points in that part of Louisiana on and north of U.S. Highway 80, to points in Connecticut, Florida, Georgia, Illinois, Indiana, Kentucky, Maine, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Ohio, Oklahoma, Pennsylvania, Rhode Island, Vermont, Virginia, West Virginia, and Wisconsin. NOTE: If a hearing is deemed necessary, applicant requests it be held at Little Rock, Ark.

No. MC 116879 (Sub-No. 2), filed August 2, 1965. Applicant: RICHARD T. BESTWICK, 312 South 13th Street, Sabetha, Kans. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: (1) *Condensed milk* and *condensed skim milk*, in tank vehicles and *powdered milk*, from Sabetha, Kans., to El Dorado Springs, and Springfield Mo.; and (2) *skim milk*, from El Dorado Springs and Springfield, Mo., to Sabetha, Kans. NOTE: If a hearing is deemed necessary, applicant does not specify place of hearing.

No. MC 117119 (Sub-No. 237), filed July 29, 1965. Applicant: WILLIS SHAW FROZEN EXPRESS, INC., Elm Springs, Ark. Applicant's representative: John H. Joyce, 26 North College, Fayetteville, Ark. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Frozen foods*, from North East, Pa., to points in Arizona, California, Colorado, Iowa, Kansas, Minnesota, Missouri, Nebraska, and Wisconsin. NOTE: If a hearing is deemed necessary, applicant did not specify any particular area.

No. MC 117119 (Sub-No. 238), filed July 29, 1965. Applicant: WILLIS SHAW FROZEN EXPRESS, INC., Elm Springs, Ark. Applicant's representative: John H. Joyce, 26 North College, Fayetteville, Ark. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Confectionery, candy, cocoa, coatings, compounds, and cough drops*, from Elizabethtown, Lititz, and Reading, Pa., to points in Colorado, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, New Mexico, North Dakota, Ohio, South Dakota, Tennessee, and Wisconsin. NOTE: If a hearing is deemed necessary, applicant requests it be held at Philadelphia, Pa.

No. MC 117119 (Sub-No. 239), filed July, 28, 1965. Applicant: WILLIS SHAW FROZEN EXPRESS, INC., Elm Springs, Ark. Applicant's representative: John H. Joyce, 26 North College, Fayetteville, Ark. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Meat, meat products, meat byproducts*, and *articles* distributed by meat packinghouses (except hides and commodities in bulk, in tank vehicles), as described in appendix I to the report in *Descriptions in Motor Carrier Certificates*, 61 M.C.C. 209 and 766, from Hastings, Nebr., and points within (5) miles thereof, to points in Arkansas, Oklahoma, Louisiana, Texas, New Mexico, Arizona, Nevada, and California. NOTE: If a hearing is deemed necessary, applicant requests it be held at Omaha, Nebr.

No. MC 117119 (Sub-No. 240), filed July 29, 1965. Applicant: WILLIS SHAW FROZEN EXPRESS, INC., Elm Springs, Ark. Applicant's representative: John H. Joyce, 26 North College, Fayetteville, Ark. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Frozen foods*, (a) from points in Adams and Hall Counties, Nebr., to points in Washington, Oregon, Idaho, and Montana; (b) from points in Adams and Hall Counties, Nebr., to Denver, Colo., and Salt Lake City, Utah, for storage in transit and subsequent shipment from Denver, Colo., and Salt Lake City, Utah, to points in Washington, Oregon, Idaho, and Montana, and (c) from points in Adams and Hall Counties, Nebr., to Denver, Colo., and Salt Lake City, Utah, for stopping in transit for partial loading or unloading of shipments destined to points in Washington, Oregon, Idaho, and Montana. NOTE: If a hearing is deemed necessary, applicant requests it be held at Boise, Idaho or Lincoln, Nebr.

No. MC 117165 (Sub-No. 16), filed August 4, 1965. Applicant: C. J. DAVIS, doing business as ST. LOUIS FREIGHT LINES, St. Louis, Mich. Applicant's representative: Robert A. Sullivan, 1800 Buhl Building, Detroit, Mich., 48226. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Boards, panels* and *sheets*, and *parts, materials*, and *accessories*, incidental thereto, limited to movements on flat-bed vehicles, from the site of the plants of U.S. Plywood Corp. at or near Gaylord, Mich., to points in Alabama, Arkansas, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Hampshire, New Jersey, New York, North Carolina, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, Tennessee, Vermont, Virginia, West Virginia, and Wisconsin. NOTE: If a hearing is deemed necessary, applicant requests it be held at Detroit, Mich.

No. MC 117344 (Sub-No. 153), filed July 26, 1965. Applicant: THE MAXWELL CO., 10380 Evendale Drive, Cincinnati 15, Ohio. Applicant's representative: James R. Stiverson, 50 West Broad Street, Columbus 15, Ohio. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Fertilizer solutions, ammoniating solutions, and aqua ammonia*, in bulk, in tank vehicles, from Fulton, Ind., to points in Illinois, Indiana, Iowa, Michigan, Ohio, and Wisconsin. NOTE: If a hearing is deemed necessary, applicant requests it be held at Columbus, Ohio.

No. MC 117765 (Sub-No. 25), filed July 26, 1965. Applicant: HAHN TRUCK LINE, INC., 5800 North Eastern, Oklahoma City, Okla. Applicant's representative: Rufus H. Lawson, 106 Bixler Building, 2400 Northwest 23d Street, Oklahoma City 7, Okla. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Commodities*, in bulk, between points in Arkansas, Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Nebraska, Oklahoma, Texas, Tennessee, and Wisconsin. NOTE: Applicant states the proposed service will have a prior or subsequent movement by barge between points specified above. If a hearing is deemed necessary, applicant requests it be held at Kansas City, Mo.

No. MC 117765 (Sub-No. 26), filed July 26, 1965. Applicant: HAHN TRUCK LINE, INC., 5800 North Eastern Avenue, Oklahoma City, Okla. Applicant's representative: Rufus H. Lawson, 106 Bixler Building, 2400 Northwest 23d Street, Oklahoma City 7, Okla. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Limestone, lime, common, hydrated, quick or slaked, barn lime (ground or pulverized limestone), agricultural limestone, and mineral mixtures for animal and poultry feed*. (1) from Hannibal, Mo., to points in Arkansas, Colorado, Kansas, Oklahoma, Texas, and Wyoming, (2) from Quincy, Ill., to points in Arkansas, Colorado, Kansas, Oklahoma, Texas, and Wyoming, and (3) from Marblehead, Ill., to points in Arkansas, Colorado, Iowa, Kansas, Minnesota, Nebraska, North Dakota, South Dakota, Texas, Wisconsin, and Wyoming. NOTE: If a hearing is deemed necessary, applicant requests it be held at Kansas City or St. Louis, Mo.

No. MC 117765 (Sub-No. 27), filed July 26, 1965. Applicant: HAHN TRUCK LINE, INC., 5800 North Eastern, Oklahoma City, Okla. Applicant's representative: Rufus H. Lawson, 106 Bixler Building, 2600 Northwest 23d Street, Oklahoma City 7, Okla. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Dry fertilizer and urea* in bulk, and in bags, from Nebraska City, Nebr., to points in Iowa, Kansas, Minnesota, Missouri, North Dakota, and South Dakota. NOTE: If a hearing is deemed necessary, applicant requests it be held at Omaha, Nebr.

No. MC 117765 (Sub-No. 28), filed July 26, 1965. Applicant: HAHN TRUCK LINE, INC., 5800 North Eastern, Oklahoma City, Okla. Applicant's representative: Rufus H. Lawson, 106 Bixler Building, 2400 Northwest 23d Street, Oklahoma City 7, Okla. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Ammonium nitrate, urea, fertilizer, fertilizer materials, and fertilizer ingredients*, other than liquid, from the plantsite of the American Cyanamid Co., at South River, Mo. (located near Palmyra), in Marion County, Mo., to points in Arkansas, Illinois, Iowa, Kansas, Missouri, Nebraska, and Oklahoma, and *exempt commodities*, on return. If a hearing is deemed necessary, applicant requests it be held at St. Louis, Mo.

No. MC 117765 (Sub-No. 29), filed July 26, 1965. Applicant: HAHN TRUCK LINE, INC., 5800 North Eastern, Okla-

homa City, Okla. Applicant's representative: Rufus H. Lawson, 106 Bixler Building, 2400 Northwest 23d Street, Oklahoma City 7, Okla. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Wood shavings*, in bales, and *byproducts* thereof, in bundles, bales, and bags, from points in Hubbard, Wadena, Becker, and Otter Tail Counties, Minn., to points in Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, South Dakota, and Wisconsin, and *exempt commodities* on return. NOTE: If a hearing is deemed necessary, applicant requests it be held at Minneapolis, Minn.

No. MC 117815 (Sub-No. 57), filed August 4, 1965. Applicant: PULLEY FREIGHT LINES, INC., 2341 Easton Boulevard, Des Moines, Iowa. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Glassware, bottles*, and *containers*, and (2) *caps, covers, and/or closures*, for glass containers, and *fiberboard boxes* when moving in mixed loads with glassware, bottles, and containers, from points in Lake and Will Counties, Ill., to points in Iowa, Minnesota, Missouri, Nebraska, North Dakota, South Dakota, Wisconsin, and the Upper Peninsula of Michigan. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 117883 (Sub-No. 49), filed July 26, 1965. Applicant: SUBLER TRANSFER, INC., East Main Street, Versailles, Ohio. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products, meat byproducts, and articles distributed by meat packinghouses*, as described by the Commission in sections A and C of appendix I to the report in *Descriptions in Motor Carrier Certificates*, 61 M.C.C. 209 and 766, from West Richfield, Ohio, to points in Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, West Virginia, and the District of Columbia, restricted against the transportation of commodities in bulk, in tank vehicles. NOTE: If a hearing is deemed necessary, applicant does not specify a location.

No. MC 117883 (Sub-No. 50), filed July 26, 1965. Applicant: SUBLER TRANSFER, INC., East Main Street, Versailles, Ohio. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Food products* (except frozen foods), in vehicles equipped with mechanical refrigeration, from New York, N.Y., and points in the New York, N.Y., commercial zone and points in Union County, N.J., to points in Colorado, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, Ohio, West Virginia, and Wisconsin. NOTE: If a hearing is deemed necessary, applicant did not specify any particular area.

No. MC 118130 (Sub-No. 34), filed August 4, 1965. Applicant: BEN HAMRICK, INC., 2000 Chelsea Drive West, Forth Worth, Tex. Applicant's representative: M. Ward Bailey, 2412 Continental Life Building, Fort Worth, Tex. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Frozen foods*, from Grand Forks, N. Dak., to points in Alabama, Arkansas, Florida, Georgia, Mississippi, Kansas, Louisiana, Missouri, Nebraska, Oklahoma, Tennessee, and Texas, and *exempt commodities* on return. NOTE: If a hearing is deemed necessary, applicant requests it be held at Fargo, N. Dak.

No. MC 118196 (Sub-No. 36), filed August 2, 1965. Applicant: RAYE & COMPANY TRANSPORTS, INC., Hiway 71 North, Carthage, Mo. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products, meat byproducts, dairy products, and articles distributed by meat packinghouses* as described in appendix I to the report in *Descriptions in Motor Carrier Certificates*, 61 M.C.C. 209 and 766, from points in Wisconsin, to points in Iowa, Kansas, Missouri, Nebraska, and Ohio. NOTE: If a hearing is deemed necessary, applicant requests it be held at Milwaukee, Wis.

No. MC 119531 (Sub-No. 44), filed July 26, 1965. Applicant: DIECKBRADER EXPRESS, INC., 5391 Wooster Road, Cincinnati, Ohio. Applicant's representative: Charles W. Singer, 33 North La Salle Street, Chicago, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Glassware, glass bottles and jars, caps or covers for glass containers, and paper cartons*, between Terre Haute, Ind., on the one hand, and, on the other, Chicago, Ill., and points in Kentucky, Michigan, and Ohio, and (2) *damaged or rejected shipments of the commodities specified above, and returned pallets with their protective packaging equipment*, from Chicago, Ill., and points in Kentucky, Michigan, and Ohio to Terre Haute, Ind. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 119632 (Sub-No. 17), filed July 26, 1965. Applicant: REED LINES, INC., Box 285, Woodburn, Ind. Applicant's representative: John P. McMahon, 100 East Broad Street, Columbus, Ohio, 43215. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Glass containers, closure caps, covers*, and *accessories* for glass containers, and *fiberboard boxes*, from Plainfield, Ill., to points in Michigan, Ohio, and Indiana, and *rejected, refused*, and *returned shipments*, on return. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill., or Washington, D.C.

No. MC 119634 (Sub-No. 3), filed July 26, 1965. Applicant: CHARLES R. IRVIN, doing business as DICK IRVIN TRUCKING COMPANY, Shelby, Mont. Applicant's representative: Henry Loble, Loble Building, Helena, Mont., 59601. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Fertilizer* and *byproducts thereof*, between the ports of entry located on the international boundary line between the United States and Canada located in Montana, on the one hand, and, on the other, points in Montana. NOTE: If a hearing is deemed necessary, applicant requests it be held at Great Falls, Mont.

No. MC 119767 (Sub-No. 103), filed July 28, 1965. Applicant: BEAVER TRANSPORT CO., a corporation, 100 South Calumet Street, Burlington, Wis. Applicant's representative: Fred H. Figge, Post Office Box 339, Burlington, Wis. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products, meat byproducts* and *articles distributed by meat packinghouses* (except hides and commodities in bulk, in tank vehicles), from Perry, Iowa, to points in Illinois, Michigan, Minnesota, Missouri, Nebraska, and Wisconsin. NOTE: If a hearing is deemed necessary, applicant requests it be held at Des Moines, Iowa.

No. MC 119777 (Sub-No. 41), filed July 26, 1965. Applicant: LIGON SPECIALIZED HAULER, INC., Post Office Box 31, Madisonville, Ky. Applicant's representative: Robert M. Pearce, Central Building, 1033 State Street, Bowling Green, Ky., 42101. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Guard rail, guard rail posts, and accessories*, between Evansville, Ind., on the one hand, and, on the other, points in Arkansas, Colorado, Delaware, Florida, Georgia, Kansas, Kentucky, Louisiana, Maryland, Mississippi, Missouri, Nebraska, New Mexico, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia. NOTE: If a hearing is deemed necessary, applicant requests it be held at Nashville, Tenn.

No. MC 119792 (Sub-No. 21), filed July 27, 1965. Applicant: CHICAGO SOUTHERN TRANSPORTATION COMPANY, a corporation, 4000 Packers Avenue, Chicago, Ill. Applicant's representative: Joseph M. Scanlan, 111 West Washington Street, Chicago 2, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products, meat byproducts, dairy products*, and *articles distributed by meat packinghouses* (except commodities in bulk, in tank vehicles), as described in sections A, B, and C of appendix I to the report in *Descriptions in Motor Carrier Certificates*, 61 M.C.C. 209 and 766, from Phelps City, Mo. to points in Arkansas, Alabama, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee. NOTE: Applicant does not specify place of hearing if one is deemed necessary.

No. MC 119849 (Sub-No. 3), filed July 29, 1965. Applicant: DYE HAULING COMPANY, a corporation, Post Office Box 6117, Dallas, Tex. Applicant's representative: Dan Felts, Suite 204, 904 Lavaca Street, Post Office Box 1117, Austin, Tex. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Gravel, sand, rocks, shell, ore, dirt, flexible base, ready-mix asphalt, rip-rap, aggregates, bulk cement* mixed with sand and gravel and *crushed limestone*, in bulk, in hopper or dump trucks and

trailers, between points in Jefferson Davis, Allen, Evangeline, Cameron, Vermilion, Calcasieu, Beauregard, Vernon, Rapides, Sabine, Natchitoches, Grant, St. Landry, St. Martin, and Iberia Parishes, La., and points in Texas on and east of a line extending from the Oklahoma-Texas State line along U.S. Highway 281 to junction U.S. Highway 81, thence along U.S. Highway 81 to Laredo, Tex. NOTE: If a hearing is deemed necessary, applicant requests it be held at Dallas, Tex.

No. MC 119880 (Sub-No. 15), filed July 30, 1965. Applicant: DRUM TRANSPORT, INC., Box 2056, East Peoria, Ill. Applicant's representative: Donald L. Stern, 630 City National Bank Building, Omaha, Nebr., 68102. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Alcohol and alcoholic liquors*, between Union City, Calif., and Pekin, Ill. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 119880 (Sub-No. 16), filed August 2, 1965. Applicant: DRUM TRANSPORT, INC., Box 2056, East Peoria, Ill. Applicant's representative: Donald L. Stern, 630 City National Bank Building, Omaha, Nebr., 68102. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Alcohol and alcoholic liquors*, from San Francisco, Saratoga, and Fresno, Calif., to Baltimore, Dundalk, and St. Dennis, Md. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 123069 (Sub-No. 7), filed July 27, 1965. Applicant: ALLER & SHARP, INC., 817 West Fifth Avenue, Columbus, Ohio. Applicant's representatives: William G. Spruill and Thomas F. Kilroy, Suite 1250, 1815 H Street NW., Washington, D.C., 20006. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products, meat byproducts*, and *articles distributed by meat packinghouses*, as described in sections A and C of appendix I to the report in *Descriptions in Motor Carrier Certificates*, 61 M.C.C. 209 and 766 (except hides and commodities in bulk, in tank vehicles), from the plantsite of Missouri Beef Packers, Inc., located at or near Phelps City, Mo., to points in Indiana, Illinois, Kentucky, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, Virginia, West Virginia, and the District of Columbia, restricted to traffic originating at such facilities of Missouri Beef Packers, Inc. NOTE: If a hearing is deemed necessary, applicant does not specify a location.

No. MC 123069 (Sub-No. 8), filed July 27, 1965. Applicant: ALLER & SHARP, INC., 817 West Fifth Avenue, Columbus, Ohio. Applicant's representatives: Thomas F. Kilroy and William G. Spruill, Suite 1250, Federal Bar Building, 1815 H Street NW., Washington, D.C. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Glassware, glass containers, caps, covers, stoppers*, and *tops* for glass containers, and *paper cartons*, between Bremen, Canal Winchester, and Lancaster, Ohio, on the one hand, and, on the other, points in Illinois, Indiana, Kentucky, Michigan, Ohio, West Virginia, and Wisconsin, and (2) *damaged and rejected shipments* of the commodities in (1) above, from points in Illinois, Indiana, Kentucky, Michigan, Ohio, West Virginia, and Wisconsin, to Bremen, Canal Winchester, and Lancaster, Ohio. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 123992 (Sub-No. 17), filed August 2, 1965. Applicant: SCHWERMAN CO. OF PA., INC., 611 South 28th Street, Milwaukee, Wis., 53246. Applicant's representative: James R. Ziperski (address same as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Perlite*, in bulk, in tank and hopper-type vehicles, from Carnegie, Pa., to points in Ohio, New York, Virginia, Maryland, and West Virginia. NOTE: If a hearing is deemed necessary, applicant requests it be held at Pittsburgh, Pa.

No. MC 124111 (Sub-No. 6), filed July 28, 1965. Applicant: SANDUSKY TRUCK AND TRAILER COMPANY, a corporation, Post Office Box 2297, Sandusky, Ohio. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Bananas*, from Baltimore, Md., and points in the New York, N.Y., commercial zone, as defined by the Commission, to points in the District of Columbia, Connecticut, Delaware, Indiana, Illinois, Kentucky, Maine, Maryland, Massachusetts, Michigan, North Carolina, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, Virginia, West Virginia, Wisconsin, and St. Louis, Mo. NOTE: Applicant states no duplication of authority is requested. If a hearing is deemed necessary, applicant requests it be held at New York, N.Y.

No. MC 124211 (Sub-No. 43), filed July 26, 1965. Applicant: HILT TRUCK LINE, INC., 3751 Sumner Street, Post Office Box 824, Lincoln, Nebr. Applicant's representative: J. Max Harding, Post Office Box 2028, Lincoln, Nebr. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Bentonite* (except when intended for use as an oilfield material or supply), from points in Nebraska to points in Illinois, Iowa, Kansas, and Missouri. NOTE: Applicant states that it intends to tack the above-proposed authority with authority previously granted in Certificate No. MC 124211 Sub-27, wherein applicant is authorized to serve points in the States of Wyoming and Nebraska. If a hearing is deemed necessary, applicant requests it be held at Lincoln, Nebr.

No. MC 124211 (Sub-No. 44), filed July 26, 1965. Applicant: HILT TRUCK LINE, INC., 3751 Sumner Street, Post Office Box 824, Lincoln, Nebr. Applicant's representative: J. Max Harding, Post Office Box 2028, Lincoln, Nebr. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Advertising matter, advertising paraphernalia, bottle openers, and can openers*, and *pallets*, between points in Arkansas, Colorado, Illinois, Iowa, Indiana, Kansas, Kentucky, Michigan, Minnesota, Missouri, Montana, Nebraska, North Dakota, Oklahoma, South Dakota, Tennessee, Texas, Wisconsin, and Wyoming. NOTE: If a hearing is deemed necessary, applicant requests it be held at Lincoln or Omaha, Nebr.

No. MC 124211 (Sub-No. 45), filed July 27, 1965. Applicant: HILT TRUCK LINE, INC., 3751 Sumner Street, Post Office Box 824, Lincoln, Nebr. Applicant's representative: J. Max Harding, Post Office Box 2028, Lincoln, Nebr. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Iron* and *steel* and *iron and steel articles*, from Alton, Granite City, and Madison, Ill., and St. Louis, Mo. to points in Colorado, Montana, Nebraska, and Wyoming. NOTE: If a hearing is deemed necessary, applicant requests it be held at St. Louis, Mo.

No. MC 124211 (Sub-No. 46), filed August 3, 1965. Applicant: HILT TRUCK LINE, INC., 3751 Sumner Street, Post Office Box 824, Lincoln, Nebr. Applicant's representative: J. Max Harding, Post Office Box 2028, Lincoln, Nebr. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Building, paving, and roofing materials*, from Wilmington, Ill., to points in Colorado, Montana, Nebraska, and Wyoming. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 124259 (Sub-No. 6), filed July 30, 1965. Applicant: CAIN BROS., INC., 3413 Crystle Road, Terre Haute, Ind. Applicant's representative: Robert C. Smith, 512 Illinois Building, Indianapolis 4, Ind. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Malt beverages*, in containers, from South Bend, Ind., to points in Michigan, Ohio, Tennessee, West Virginia, Mississippi, and Louisiana. NOTE: Applicant states the proposed operation will be under a continuing contract with Drewrys Limited U.S.A., Inc., of South Bend, Ind. If a hearing is deemed necesary, applicant requests it be held at Indianapolis, Ind.

No. MC 124377 (Sub-No. 3), filed August 4, 1965. Applicant: REFRIGERATED FOODS, INC., 3200 Blake Street, Denver, Colo. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products and meat byproducts* as described in section A of Appendix I to the report in *Descriptions in Motor Carrier Certificates*, 61 M.C.C. 209 and 766, from Brush, Colo., and points in Denver and Jefferson Counties, Colo., to points in Arizona, California, and Nevada. NOTE: If a hearing is deemed necessary, applicant requests it be held at Denver, Colo.

No. MC 124639 (Sub-No. 8), filed August 2, 1965. Applicant: MISSOURI LUMBER TRANSPORTS, INC., Post Office Box 171, Pilot Knob, Mo. Authority sought to operate as a *common car-*

rier, by motor vehicle, over irregular routes, transporting: *Building board, wall board, insulation board*, finished or unfinished with or without decorative material, and *accessories* and *supplies* used in the installation thereof, from Wright City, Mo., to points in Montana, Idaho, Wyoming, Colorado, New Mexico, Texas, Oklahoma, Kansas, Nebraska, South Dakota, North Dakota, Minnesota, Iowa, Missouri, Arkansas, Louisiana, Mississippi, Tennessee, Kentucky, Illinois, Wisconsin, Michigan, Indiana, Ohio, Alabama, Georgia, and Florida, and *refused and rejected shipments*, on return. NOTE: If a hearing is deemed necessary, applicant requests it be held at St. Louis, Mo.

No. MC 125368 (Sub-No. 10), filed July 26, 1965. Applicant: CONNELL TRANSPORT CO. INC., Post Office Box 367, Wheatland, Pa. Applicant's representative: Joseph M. Scanlan, 111 West Washington Street, Chicago 2, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products, meat byproducts*, and *articles distributed by meat packinghouses* (except commodities in bluk, in tank vehicles), as described in sections A and C of Appendix I to the report in *Descriptions in Motor Carrier Certificates*, 61 M.C.C. 209 and 766 from Phelps City, Mo., to points in Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Maryland, West Virginia, Delaware, and the District of Columbia. NOTE: Applicant is also authorized to conduct operations as a contract carrier in Permit MC 111442 and subs, therefore dual operations may be involved. If a hearing is deemed necessary, applicant does not specify place of hearing.

No. MC 125708 (Sub-No. 27), filed August 5, 1965. Applicant: HUGH MAJOR, 150 Sinclair, South Roxana, Ill. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Steel*, from points in Indiana and Ohio, to Webb City, Mo. NOTE: Applicant is also authorized to conduct operations as a contract carrier in Permit No. MC 116434 and subs thereunder, therefore, dual operations may be involved. If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 126358 (Sub-No. 10), filed July 26, 1965. Applicant: LAWRENCE L. BENNETT, doing business as BENNETT TRUCKING CO., 113 Mitchell Street, Hawkinsville, Ga. Applicant's representative: Ariel V. Conlin, 626 Fulton National Bank Building, Atlanta Ga. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Plywood*, from Fort Valley, Ga., to points in Indiana, Kentucky, Memphis, Tenn., and Dowagiac, Mich. NOTE: Applicant is also authorized to operate as a contract carrier in Permit No. MC 126258 and subs thereunder, therefore, dual operations may be involved. If a hearing is deemed necessary, applicant requests it be held at Atlanta, Ga.

No. 126537 (Sub-No. 10), filed July 26, 1965. Applicant: KENT I. TURNER, KENNETH E. TURNER, AND ERVIN L. TURNER, a partnership, doing business as TURNER EXPEDITING SERVICE, Post Office Box 21132, Louisville, Ky. Applicant's representative: George M. Catlett, Suite 703–706 McClure Building, Frankfort, Ky., 40601. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *General commodities* (except classes A and B explosives, and household goods as defined by the Commission), between points in Jefferson County, Ind., on the one hand, and, on the other, the Weir-Cook Airport, located near Indianapolis, Ind., restricted to the handling of shipments having an immediate prior or immediate subsequent movement by air. NOTE: If a hearing is deemed necessary, applicant requests it be held at Louisville, Ky.

No. MC 126679 (Sub-No. 3), filed August 2, 1965. Applicant: DENNIS TRUCK LINES, INC., Box 175, Helena, Ga. Applicant's representative: Ariel V. Conlin, Suite 626, Fulton National Bank Building, Atlanta, Ga., 30303. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Lumber and wooden pallets* (except plywood and veneer), (1) between points in Florida and Georgia and (2) from points in Florida and Georgia, to points in Alabama, Delaware, Maryland, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, Virginia, and Tennessee (except points in Shelby County, Tenn.). NOTE: If a hearing is deemed necessary, applicant requests it be held at Helena, Ga.

No. MC 127019 (Sub-No. 3), filed August 2, 1965. Applicant: LA RUE LAMB, doing business as LA RUE LAMB TRUCKING, Box 374, Myton, Utah. Applicant's representative: Wood R. Worsley, 701 Continental Bank Building, Salt Lake City, Utah, 84101. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Granulated gilsonite (natural asphaltum)*, in bulk from points in Duchesne and Uintah Counties, Utah, to points in Washington, Oregon, California, Montana, Idaho, Nevada, Utah, Arizona, Wyoming, Colorado (except Craig, Colo.), New Mexico, Oklahoma, Kansas, and Nebraska and *rejected shipments* and *exempt commodities*, on return. NOTE: If a hearing is deemed necessary, applicant requests it be held at Salt Lake City, Utah.

No. MC 127039 (Sub-No. 1), filed August 5, 1965. Applicant: L. E. STANLEY AND EARL ROBBINS, a partnership, doing business as S & R TRUCKING COMPANY, Helenwood, Tenn. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Lumber*, from Helenwood, Tenn., to points in Kentucky, Ohio, and Virginia. NOTE: If a hearing is deemed necessary, applicant requests it be held at Nashville, Tenn.

No. MC 127213 (Sub-No. 2), filed August 3, 1965. Applicant: W. S. P. TRUCKING, INC., 175 Casey Road, Campbell, Calif. Applicant's representative: Anthony J. Mercant, Century Building, 265 Meridian Road, San Jose 26, Calif. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Obsidian pebbles, perlite, and building stone*, from Crow Springs Mining District, Esmeralda County, Nev., to points in San Francisco, Santa Clara, Santa Cruz, Alameda, Contra Costa, San Mateo, Monterey, Orange, Los Angeles, San Bernardino, Sacramento, San Joaquin, Sonoma, and San Diego Counties, Calif., and Maricopa and Pima Counties, Ariz. NOTE: If a hearing is deemed necessary, applicant requests it be held at San Francisco, Calif.

No. MC 127295 (Sub-No. 2), filed August 5, 1965. Applicant: SPECIAL SERVICES, INC., 2654 Poydras Street, New Orleans, La. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Data media materials such as reports, payroll checks, analysis sheets, original and copy source documents, paper used in data processing only, punched tapes, processing magnetic tapes, used punch cards, used magnetic ink, recognition data media of all kinds*, between New Orleans, La., and Mississippi Test Site, Hancock County, Miss., located approximately sixteen (16) miles northwest of Bay St. Louis, Miss. NOTE: Common control may be involved. If a hearing is deemed necessary, applicant requests it be held at New Orleans, La.

No. MC 127309 (Sub-No. 1), filed July 28, 1965. Applicant: LEO E. THOMPSON, doing business as IDAHO PACKERS EXPRESS, Route 3, Franklin Road, Boise, Idaho. Applicant's representative: Kenneth G. Bergquist, 1110 Bank of Idaho Building, Boise, Idaho, 83702. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Meat, meat products, meat byproducts, dairy products*, and *articles* distributed by meat packinghouses, as described in Appendix I, *Descriptions in Motor Carrier Certificates*, 61 M.C.C. 209 and 766, from Gooding, Idaho, and points within five (5) miles thereof, to points in Utah, Nevada, Arizona, California, Oregon, Washington, Texas, Colorado, Iowa, Illinois, Pennsylvania, New Jersey, New York, and Massachusetts, and *damaged and rejected shipments* and *such articles* that are used to operate packinghouses, on return. NOTE: If a hearing is deemed necessary, applicant requests it be held at Boise, Idaho.

No. MC 127343 (Sub-No. 1), filed July 30, 1965. Applicant: J. PAUL WILLIAMSON, doing business as OWENS VALLEY MILLING COMPANY, 600 South Main Street, Bishop, Calif. Authority sought to operate as a *common carrier*, by motor vehicle, over a regular route, transporting: *Volcanic scorio*, from Lee Vining, Calif., over U.S. Highway 395 to Lone Pine, Calif., serving no intermediate points. NOTE: If a hearing is deemed necessary, applicant requests it be held at Bishop, Calif.

No. MC 127401 (Sub-No. 1), filed August 2, 1965. Applicant: F P & M TRANSPORTATION, INC., 1439 Route Five, South Windsor, Conn. Applicant's representative: Reubin Kaminsky, Suite 223–410 Asylum Street, Hartford, Conn. Authority sought to operate as a *contract carrier*, by motor vehicle, over ir-

regular routes, transporting: *Precast architectural and structural concrete products*, from the plantsite of Allied Casting Corp., located at Manchester, Conn., to points in Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, New York, New Jersey, Pennsylvania, Delaware, and Maryland, and *damaged, refused, and rejected shipments* on return. NOTE: Applicant states the proposed operations will be under a continuing contract or contracts with Allied Casting Corp., of Manchester, Conn. Common control may be involved. If a hearing is deemed necessary, applicant requests it be held at Hartford, Conn.

No. MC 127460 (Sub-No. 1), filed August 2, 1965. Applicant: MARVIN ZISHKA, doing business as ZIPPY DISTRIBUTING, Lakefield, Minn. Applicant's representative: Grant J. Merritt, 1000 First National Bank Building, Minneapolis, Minn., 55402. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Glass containers, glassware*, and *solid foamed materials and products*, from Grafton, W. Va., Nutley, N.J., and Holliston, Mass., to McComb, Ill., and Jackson, Minn. NOTE: Applicant states he proposes to transport exempt commodities, on return. If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 127461, filed July 26, 1965. Applicant: SCHROYER, INC., R.R. No. 3, Box 91–A, Celina, Ohio. Applicant's representative: Robert T. Fitzsimons, 50 West Broad Street, Columbus, Ohio, 43215. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Self-propelled machinery and parts thereof*, when moving with such machinery, requiring specially designed equipment, between the plantsite of Speicher Bros. and Anchor Sales Corp., located at Celina, Ohio, on the one hand, and, on the other, points in Indiana, Illinois, Kentucky, Tennessee, West Virginia, Virginia, Pennsylvania, North Carolina, and South Carolina. NOTE: If a hearing is deemed necessary, applicant requests it be held at Columbus, Ohio.

No. MC 127464, filed July 28, 1965. Applicant: JAMES SCHAUER, 7861 Strawberry Lake Road, Dexter, Mich. Applicant's representative: John M. Veale, Suite 1700, 1 Woodward Avenue, Detroit, Mich., 48226. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: (1) *Printed paper materials*, from points in Pittsfield Township, Washtenaw County, Mich., to points in that part of Ohio bounded by a line beginning at the Michigan-Ohio State line and extending in a southerly direction along U.S. Highway 127 to junction U.S. Highway 30 at Van Wert, Ohio, thence east along U.S. Highway 30 to junction U.S. Highway 30N near Delphos, Ohio, thence along U.S. Highway 30N to junction Ohio Highway 4 at Bucyrus, Ohio, thence north along Ohio Highway 4 to Sandusky, Ohio; and (2) *materials and supplies* used in or incidental to the production of printed paper materials, from points in the above-described destination territory, to points in Pittsfield Township, Washtenaw County, Mich. NOTE: If a hearing is deemed necessary, applicant requests it be held at Lansing, Mich.

No. MC 127465, filed July 28, 1965. Applicant: SAMMY L. ADAMS, Folsom, N. Mex. Applicant's representative: Jack A. Smith, Suite 718, Simms Building, Albuquerque, N. Mex. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Animal and poultry feeds*, manufactured and unmanufactured, and *salt*, between points in New Mexico, Colorado, Texas, Kansas, and Oklahoma. NOTE: If a hearing is deemed necessary, applicant requests it be held at Santa Fe, N. Mex.

No. MC 127470, filed July 23, 1965. Applicant: NORTHERN MAINE TRANSPORT, INC., 79 Industrial Street, Presque Isle, Maine. Applicant's representative: Frank J. Weiner, 182 Forbes Building, Forbes Road, Braintree, Mass., 02184. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Malt beverages and advertising materials* when moving in connection therewith, from Natick, Boston, and Lawrence, Mass., Albany, Rochester, and New York, N.Y., Cranston, R.I., Newark, N.J., and Baltimore, Md., to Bangor, Caribou and Presque Isle, Maine, and (2) *carbonated and noncarbonated beverages* (except in bulk, in tank vehicles), and *advertising materials* when moving in connection therewith, from Millis and Waltham, Mass., to Bangor, Caribou, and Presque Isle, Maine. NOTE: Applicant states it is authorized to conduct operations as a contract carrier under MC 124254 which includes part of proposed authority in (1) above. If, and when the proposed authority is granted, cancellation of contract authority will be requested. If a hearing is deemed necessary, applicant requests it be held at Portland, Maine.

No. MC 127476, filed July 27, 1965. Applicant: J. D. McCLYMONDS, Rural Delivery 1, Portersville, Pa. Applicant's representative: Frederick L. Kiger, Grant Building, Pittsburgh, Pa. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Manufactured abrasive grains*, in dump vehicles, from the plantsites of the Abrasive Products Co. in the townships of Upper Darby (Delaware County) and Hickory (Lawrence County), Pa., to points in Alabama, Arkansas, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Vermont, Virginia, West Virginia, and Wisconsin; and (2) *abrasive refuse and scrap*, in dump vehicles, from points in the above specified destination States, to the plantsites of the Abrasive Products Co. in the townships of Upper Darby (Delaware County) and Hickory (Lawrence County), Pa. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 127478, filed July 29, 1965. Applicant: WILLIAM M. HAYES, doing business as HAYES TRUCKING CO., Post Office Box 31, Winterville, Ga. Applicant's representative: Ariel V. Conlin, Suite 626, Fulton National Bank Building, Atlanta, Ga., 30303. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Beer*, from Milwaukee, Wis., Fort Wayne, Ind., St. Joseph, Mo., and Peoria, Ill. to Athens, Ga. NOTE: If a hearing is deemed necessary, applicant requests it be held at Athens, Ga.

MOTOR CARRIER OF PASSENGERS

No. MC 115262 (Sub-No. 2), filed July 28, 1965. Applicant: RED LION BUS COMPANY, a corporation, 22 East Avenue, Red Lion, Pa. Applicant's representative: John M. Musselman, 400 North Third Street, Harrisburg, Pa., 17108. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Passengers and their baggage* in the same vehicle with passengers, in special operations, beginning and ending at points on applicant's certificated route originating at Whiteford, Md., over Maryland Highway 165 to the Maryland-Pennsylvania State line, and thence over Pennsylvania Highway 74 to York, Pa., and extending to points in the United States, except Alaska and Hawaii. NOTE: If a hearing is deemed necessary, applicant requests it be held at Harrisburg, Pa.

APPLICATIONS IN WHICH HANDLING WITHOUT ORAL HEARING HAS BEEN REQUESTED

No. MC 263 (Sub-No. 164), filed August 2, 1965. Applicant: GARRETT FREIGHTLINES, INC., 2055 Garrett Way, Pocatello, Idaho. Applicant's representative: Maurice H. Greene, Post Office Box 1554, Boise, Idaho. Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *General commodities* (except those of unusual value, household goods as defined by the Commission, commodities in bulk, and those requiring special equipment other than those requiring specialized handling because of size or weight), between junction U.S. Highway 10 (Interstate Highway 90) and Washington Highway 18, near North Bend, Wash., and junction U.S. Highway 99 (Interstate Highway 5) and Washington Highway 18 near Tacoma, Wash., over Washington Highway 18, serving no intermediate points, as an alternate route for operating convenience only in connection with applicant's authorized regular-route operations between Tacoma and Yakima, Wash., over U.S. Highways 99 and 10.

No. MC 69763 (Sub-No. 7), filed July 26, 1965. Applicant: CRAIG HENDERSON, doing business as GLENVILLE TRANSFER, Glenville, W. Va. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Cabinets, sewing machine and record playing*, wood, in specially designed semitrailers, from Sutton, W. Va., to Chicago, Ill., Cleveland, Ohio, Detroit, Mich., and Carl-

stadt, N.J., and *empty containers, damaged and refused cabinets, and rejected shipments of the commodities* specified above, on return.

No. MC 99749 (Sub-No. 4), filed February 19, 1965. Applicant: BOURNE'S TRANS., INC., 1254 Belmont Street, Brockton, Mass. Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *General commodities* (except those of unusual value, classes A and B explosives, household goods, when transported as a separate and distinct service in connection with so-called household movings, commodities in bulk, commodities requiring special equipment and those injurious or contaminating to other lading), (1) between Bridgewater, Mass., and Greenwich, R.I.; from Bridgewater, Mass., over Massachusetts Highway 28 to Brockton, thence over Massachusetts Highway 123 to Easton, thence over Massachusetts Highway 106 to Plainville, thence over unnumbered highway to Diamond Hill, R.I., thence over Rhode Island Highway 114 to Woonsocket, thence over Rhode Island Highway 1 to junction Rhode Island Highway 146 thence over Rhode Island Highway 146 to Providence, thence over U.S. Highway 1 to East Greenwich, and return over the same routes, serving the intermediate points and places of Bridgewater, West Bridgewater, Brockton, Easton, Mainsfield, Plainsville, Mass., Diamond Hill, Woonsocket, Limerick, Providence, Auburn, Norwood, Lincoln, Greenwood, Apponaug, and East Greenwich, R.I., and the off-route points and places of Norton, Norwood, North Easton, Mass., and Shawmet, Warwick, and Hoxie, R.I., (2) between Bridgewater, Mass. and Anthony, R.I., from Bridgewater, Mass. over Massachusetts Highway 104 to junction U.S. Highway 44, thence over U.S. Highway 44 to Providence, R.I.

Thence over Rhode Island Highway 2 to Westcott, thence over Rhode Island Alternate Highway 3 to Anthony, and return over the same routes, serving the intermediate points and places of Raynham Center, East Taunton, Dighton, Mass., and Frenchtown, Kingston, Carolina, Exeter, Katon, Cranston, Lipett, River Point, West Warwick, Artic, Anthony, R.I., (3) between Bridgewater, Mass., and Providence, R.I., from Bridgewater, Mass., over Massachusetts Highway 28 to Brockton, thence over Massachusetts Highway 123 to junction Massachusetts Highway 106, thence over Massachusetts Highway 106 to Plainville, thence over unmarked highway to Massachusetts-Rhode Island State line, thence over unmarked highway to Grant Mills, R.I., thence over Rhode Island Highway 114 to Woonsocket, thence over Rhode Island Highway 122 to Providence, and return over the same routes, serving the intermediate points and places of Ashton, Berkeley, Lonsdale, Saylesville, Central Falls, R.I., and the off-route points and places of Manville, Albion, Quinnville, R.I., (4) between Bridgewater, Mass., and Woonsocket, R.I., from Bridgewater, Mass., over Massachusetts Highway 28 to West Bridgewater, thence over Massachusetts Highway 106 to junction Massachusetts Highway 140, thence over Massachusetts Highway 140 to Bellingham, thence over Massachusetts Highway 126 to Massachusetts-Rhode Island State line, thence over Rhode Island Highway 126 to Woonsocket.

Thence over Rhode Island Highway 146 to Providence, and return over the same routes, serving the intermediate points and places of Franklin, Blackston, Wrentham, Foxboro, Bellingham, Mass., and the off-route points and places of Sheldonville, Blackston, East Blackston, Millville, Mass., (5) between Bridgewater, Mass., and Thornton, R.I., from Bridgewater, Mass., over Massachusetts Highway 28 to Brockton, thence over Massachusetts Highway 123 to Massachusetts-Rhode Island State line, thence over Rhode Island Highway 123 to junction Rhode Island Highway 146, thence over Rhode Island Highway 146 to junction Rhode Island Highway 104, thence over Rhode Island Highway 104 to junction Rhode Island Highway 5, thence over Rhode Island Highway 5 to Thornton, and return over the same routes, serving the intermediate points and places of Esmond, Primrose, Spragueville, Hughesdale, Thornton, and Georgeville, R.I., and the off-route points and places of Johnston, Centerdale and Johnson, R.I., (6) between Bridgewater, Mass., and East Providence, R.I., from Bridgewater over Massachusetts Highway 104 to junction Massachusetts Highway 24, thence over Massachusetts Highway 24 to junction U.S. Highway 6, thence over U.S. Highway 6 to East Providence, and return over the same routes, serving the intermediate points and places of Seekonk, North Seekonk, Somerset, Fall River, Assonet, Freetown, Swansea, Mass., and the off-route points and places of Warren, Barrington, R.I., and North Swansea, Mass., (7) between Bridgewater and New Bedford, Mass., from Bridgewater over Massachusetts Highway 104 to junction U.S. Highway 44.

Thence over U.S. Highway 44 to Taunton, thence over Massachusetts Highway 140 to New Bedford, and return over the same routes, serving the intermediate points and places of New Bedford, Freetown, and Berkeley, Mass., and the off-route points and places of East Freetown, Hicksville, North Dartmouth, Dartmouth, Westport, Acushnet and Fairhaven, Mass., (8) between Bridgewater, and Fall River, Mass., from Bridgewater over Massachusetts Highway 104 to junction Massachusetts Highway 24, thence over Massachusetts Highway 24 to Fall River, and return over the same routes, serving the intermediate points and places of Raynham, Lakeville, North Middleboro, Mass., (9) between Bridgewater, Mass. and Westerly, R.I., from Bridgewater, Mass., over Massachusetts Highway 28 to Brockton, thence over Massachusetts Highway 123 to Easton, thence return over Massachusetts Highway 123 to junction Massachusetts Highway 138, thence over Massachusetts Highway 138 to Taunton, thence over U.S. Highway 44 to Providence, R.I., thence over Rhode Island Highway 3 to Westerly, and return over the same routes, serving the intermediate points and places of Brockton, South Easton, Raynham, Taunton, North Dighton, Rehobath, Seekonk, Mass., and Nooseneck, Hope Valley, Hopkinton, Ashaway, Potter Hill, Washington, and Westerly, R.I., and the off-route points and places of Austin, Arcadia, Centerville, R.I., (10) between Bridgewater and East Providence, R.I., from Bridgewater, Mass., over Massachusetts Highway 28 to West Bridgewater, thence over Massachusetts Highway 106 to junction Massachusetts Highway 24.

Thence over Massachusetts Highway 24 to junction U.S. Highway 44, thence over U.S. Highway 44 to Providence, and return over the same routes, serving the intermediate point and place of East Providence, R.I., (11) between Bridgewater and New Bedford, Mass., over Massachusetts Highway 18, serving the intermediate points and places of Middleboro, Lakeville, and New Bedford, (12) between Bridgewater, Mass. and Central Falls, R.I., from Bridgewater, Mass., over Massachusetts Highway 28 to West Bridgewater, thence over Massachusetts Highway 106 to junction U.S. Highway 1, thence over U.S. Highway 1 to junction Rhode Island Highway 114, thence over Rhode Island Highway 114 to Central Falls, and return over the same routes, serving the intermediate points and places of North Attleboro, and Attleboro, Mass., and Central Falls, R.I., (13) between Bridgewater, and Falmouth, Mass., over Massachusetts Highway 28, serving the intermediate points and places of South Middleboro, Tremont, Rochester, Wareham, West Falmouth, and Bourne, Mass., (14) between Bridgewater and Fitchburg, Mass., from Bridgewater over Massachusetts Highway 28 to Boston, thence over Massachusetts Highway 2 to Fitchburg, and return over the same routes, serving the intermediate points and places of Avon, Randolph, Milton, Boston, Lunenburg, Boxborough, Concord, Harvard, Cambridge, Leominster, Shirley, Acton, and Fitchburg, Mass. and the off-route points and places of Belmont, Arlington, Lincoln, Sudbury, Stillriver, Mass., (15) between Bridgewater and Worcester, Mass., from Bridgewater over Massachusetts Highway 28 to West Bridgewater.

Thence over Massachusetts Highway 106 to junction Massachusetts Highway 24, thence over Massachusetts Highway 24 to junction Massachusetts Highway 128, thence over Massachusetts Highway 128 to junction Massachusetts Highway 3, thence over Massachusetts Highway 3 to Boston, thence over Massachusetts Highway 9 to Worcester, and return over the same routes, serving the intermediate points and places of Alston, Brighton, Watertown, Weston, Wayland, Marlborough, Northborough, and Shrewsbury, Mass., and the off-route points of Berlin, Leichester, and Millbury, Mass., (16) between Bridgewater, Mass., and Providence, R.I., from Bridgewater, Mass., over Massachusetts Highway 104 to junction Massachusetts Highway 24, thence over Massachusetts Highway 24 to Fall River, thence over Massachusetts Highway 138 to Massachusetts-Rhode Island State line, thence over Rhode

Island Highway 138 to junction Rhode Island Highway 114, thence over Rhode Island Highway 114 to Providence, and return over the same routes, serving the intermediate points and places of North Tiverton, Tiverton, Portsmouth, Middleton, Newport, Bristol, Warren, Barrington, and East Providence, R.I., and the off-route point and place of Newport, R.I., (17) between Bridgewater and Worcester, Mass., from Bridgewater over Massachusetts Highway 28 to West Bridgewater, thence over Massachusetts Highway 106 to junction Massachusetts Highway 140, thence over Massachusetts Highway 140 to junction Massachusetts Highway 122.

Thence over Massachusetts Highway 122 to Worcester, and return over the same routes, serving the intermediate points and places of Mendon, Northbridge, Milford, Grafton, Fisherville, North Grafton, Upton, and Farmsville, Mass., and the off-route points and places of Hopedale, Northbridge, and Mendon, Mass., (18) between Bridgewater and Lawrence, Mass., from Bridgewater over Massachusetts Highway 28 to Brockton, thence over Massachusetts Highway 27 to Stoughton, thence over Massachusetts Highway 138 to Boston, thence over Massachusetts Highway 1A to juction Massachusetts Highway 114, thence over Massachusetts Highway 114 to Lawrence, and return over the same routes, serving the intermediate points and places of Middletown, North Andover, North Reading, and Lawrence, Mass., (19) between Bridgewater and Andover, Mass., over Massachusetts Highway 28, serving the intermediate points and places of Ballardvale, Reading, and Andover, Mass., (20) between Bridgewater and Lowell, Mass., from Bridgewater over Massachusetts Highway 28 to West Bridgewater, thence over Massachusetts Highway 106 to junction Massachusetts Highway 24, thence over Massachusetts Highway 24 to junction Massachusetts Highway 128, thence over Massachusetts Highway 128 to junction Massachusetts Highway 3, thence over Massachusetts Highways 128 and 3 to Boston.

Thence, over U.S. Highway 3 to Arlington, thence over Massachusetts Highway 3A to Lowell, and return over the same route, serving the intermediate points and places of East Milton, West Quincy, Winchester, Bedford, and Carlisle, Mass., and the off-route points and places of Dracut, Collinsworth, and North Chelmsford, Mass., (21) between Bridgewater, and Leominster, Mass., from Bridgewater over Massachusetts Highway 28 to West Bridgewater, thence over Massachusetts Highway 106 to junction Massachusetts Highway 140, thence over Massachusetts Highway 140 by Foxboro, to junction Massachusetts Highway 115, thence over Massachusetts Highway 115 to Medfield, thence over unnumbered highways to Hopkinton, thence over Massachusetts Highway 85 to junction Massachusetts Highway 117, thence over Massachusetts Highway 117 to Leominster and return over the same route, serving the intermediate points and places of Foxboro, Norfolk, Millis, Medfield, Holliston, Cordoville, Southboro, Hopkinton, Hudson, Bolton, North Easton, East Foxboro, and Dover, Mass., (22) between Bridgewater and Fitchburg, Mass., from Bridgewater over Massachusetts Highway 18 to junction Massachusetts Highway 123, thence over Massachusetts Highway 123 to Rockland, thence over unnumbered highway to South Weymouth, thence over Massachusetts Highway 18 to Weymouth, thence over unnumbered highways (formerly Massachusetts Highway 135), to junction Massachusetts Highway 3, thence over Massachusetts Highway 3 to Boston, thence over Massachusetts Highway 9 to Worcester.

Thence over Massachusetts Highway 12 to Fitchburg, and return over the same routes, serving the intermediate points and places of North Weymouth, East Braintree, East Milton, Quincy, Brookline, Newton, Wellesley, Natick, Framingham, Fayville, South Shrewsbury, Worcester, West Boylston, Sterling, Cates Crossing, Fitchburg, and Stow, Mass., and the off-route points and places of Hanson, Hanover, South Hingham, Ashland, Codoville, Westborough, South Shrewsbury, Boylston, Clinton, Lancaster, Ashburnham, Gardner, Westminster, East Princeton, Princeton, Holden, Leicester, Auburn, and Ashby, Mass., (23) between Bridgewater and Boston, Mass., from Bridgewater over Massachusetts Highway 28 to Brockton, thence over Massachusetts Highway 123 to junction Massachusetts Highway 138, thence over Massachusetts Highway 138 to Stoughton, thence over unnumbered highways by Canton, Norwood, and Dedham to junction Massachusetts Highway 128, thence over Massachusetts Highway 128 to junction U.S. Highway 20, thence over U.S. Highway 20 to Boston, and return over the same routes, serving the intermediate points and places of Canton, Stoughton, Norwood, Westwood, Needham, and Dedham, Mass., (24) between Bridgewater and Beverly, Mass., from Bridgewater over Massachusetts Highway 28 to junction Massachusetts Highway 106, thence over Massachusetts Highway 106 to junction Massachusetts Highway 138.

Thence over Massachusetts Highway 138 to Boston, thence over Massachusetts Highway 107 to Beverly, and return over the same routes, serving the intermediate points and places of Chelsea, Revere, Saugus, Lynn, Swampscott, Peabody, Salem, and Beverly, Mass., and the off-route point and place of Marblehead, Mass., (25) between Bridgewater and Salisbury, Mass., from Bridgewater over Massachusetts Highway 28 to junction Massachusetts Highway 37, thence over Massachusetts Highway 37 to junction Massachusetts Highway 3, thence over Massachusetts Highway 3 to junction U.S. Highway 1, thence over U.S. Highway 1 to Salisbury, and return over the same routes, serving the intermediate points and places of Chelsea, Somerville, Everett, Malden, Melrose, Danvers, Wenham, Topsfield, Newbury, Rowley, Saugas, and Salisbury, Mass., (26) between Bridgewater and Amesbury, Mass., from Bridgewater over Massachusetts Highway 28 to Boston, thence over U.S. Highway 1 to junction Interstate Highway 95, thence over Interstate Highway 95 to Amesbury, and return over the same routes, serving the intermediate points and places of Avon, Randolph, Milton, Boxford, Georgetown, and Newbury, Mass., and the off-route points and places of West Newbury, East Milton, Amesbury, and Newburyport, Mass., (27) between Bridgewater and Haverhill, Mass., from Bridgewater over Massachusetts Highway 28 to Brockton.

Thence over Massachusetts Highway 27 to Lowell, thence over Massachusetts Highway 110 to Haverhill, and return over the same routes, serving the intermediate points and places of Walpole, Medfield, Cochituate, Wayland, Sudbury, Maynard, Chelmsford, Lowell, Lawrence and Haverhill, Mass. and the off-route points and places of Sharon, North Sudbury, Carlisle, East Acton, Dover, South Natick, Mass., (28) between Bridgewater and Lowell, Mass., from Bridgewater over Massachusetts Highway 28 to junction Massachusetts Highway 2A, thence over Massachusetts Highway 2A to Arlington, thence over U.S. Highway 3 to Lowell, and return over the same routes, serving the intermediate points and places of Winchester, Bedford, Carlisle, Chelmsford and Billerica, Mass., (29) between Bridgewater and Haverhill, Mass., from Bridgewater over Massachusetts Highway 28 to junction Massachusetts Highway 128, thence over Massachusetts Highway 128 to junction U.S. Highway 1, thence over U.S. Highway 1 to junction Massachusetts Highway 97, thence over Massachusetts Highway 97 to Haverhill, and return over the same routes, serving the intermediate points and places of Lexington, Woburn, Stoneham, Burlington, Lynnfield, Groveland and Haverhill, Mass. and the off-route points and places of Merrimac, Dover, West Boxford, Hamilton, and Ipswich, Mass., (30) between Bridgewater and Lawrence, Mass., from Bridgewater over Massachusetts Highway 28 to Brockton, thence over Massachusetts Highway 27 to junction Massachusetts Highway 138, thence over Massachusetts Highway 138 to Boston, thence over U.S. Highway 1 to junction Massachusetts Highway 114.

Thence over Massachusetts Highway 114 to Lawrence, and return over the same routes, serving the intermediate points and places of middleton, North Andover, North Reading and Lawrence, Mass., and the off-route points and places of Methen and Dracut, Mass., (31) between Bridgewater and Andover, Mass., from Bridgewater over Massachusetts Highway 28 to junction Massachusetts Highway 37, thence over Massachusetts Highway 37 to junction Massachusetts Highway 128, thence over Massachusetts Highway 128 to junction Massachusetts Highway 3, thence over Massachusetts Highway 3 to, Boston, thence over Massachusetts Highway 28 to Andover, and return over the same routes, serving the intermediate points and places of Holbrook, Brookville, South Braintree, Braintree, Ballardville, Reading, Wilmington and Tewksbury, Mass.

NOTE: Applicant states it intends to use the following routes for operating convenience only: Interstate Highways 95, 93, 89, 195, 90, U.S. Highways 44, 1, Alternate U.S. Highways 1 and 6 in Rhode Island, U.S. Highways 1, 3, 20,

6, 44; Massachusetts Highways 24, 25, 3, 3A, 2, 2A, 128 and 4. This application is filed pursuant to MC-C-4366, effective May 1, 1964, which provides the special rules for conversion of irregular route to regular motor carrier operations. SPECIAL NOTE: Protests to this application may be filed within 45 days instead of 30 days.

No. MC 102616 (Sub-No. 766), filed July 29, 1965. Applicant: COASTAL TANK LINES, INC., 501 Grantley Road, York, Pa. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Petroleum products* (except chemicals), in bulk, in tank vehicles, from Freedom (Beaver County), Pa., to points in Kanawha County, W. Va.

No. MC 102616 (Sub-No. 767), filed July 30, 1965. Applicant: COASTAL TANK LINES, INC., 501 Grantley Road, York, Pa. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Residual fuel oil*, in bulk, in tank vehicles, from East Liverpool, Ohio to Lackawana, N.Y.

No. MC 102616 (Sub-No. 768), filed July 30, 1965. Applicant: COASTAL TANK LINES, INC., 501 Grantley Road, York, Pa., 17405. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Bisphenol A*, in bulk, in hopper-type vehicles equipped with pressure differential unloading devices, from Midland, Mich., to Natrium, W. Va.

No. MC 104123 (Sub-No. 70), filed July 30, 1965. Applicant: JOHN SCHUTT, JR., INC., 4361 River Road, Town of Tonawanda, N.Y. Applicant's representative: Robert G. Gawley, 631 Niagara Street, Buffalo, N.Y. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Fly ash*, and *fly ash pellets*, in bulk, from points in Chautauqua and Erie Counties, N.Y., to points in New Jersey, New York, Ohio, and Pennsylvania.

No. MC 113024 (Sub-No. 46), filed August 4, 1965. Applicant: ARLINGTON J. WILLIAMS, INC., Rural Delivery No. 2, Smyrna, Del. Applicant's representative: Samuel W. Earnshaw, 833 Washington Building, Washington, D.C., 20005. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Bathroom and washroom fixtures, sinks* and *accessories* and *attachments* therefor, for account of Universal-Rundle Corp., New Castle, Pa., (1) between Camden, N.J., and New Castle, Pa.; and (2) from Camden, N.J., and New Castle, Pa., to St. Louis and Kansas City, Mo., Denver, Colo., Memphis and Nashville, Tenn., New Orleans, La., Little Rock, Ark., Jackson, Miss., Amarillo, Canadian, Lubbock, and El Paso, Tex.

No. MC 117765 (Sub-No. 30), filed July 26, 1965. Applicant: HAHN TRUCK LINE, INC., 5800 North Eastern, Oklahoma City, Okla. Applicant's representative: Rufus H. Lawson, 106 Bixler Building, 2400 Northwest 23d Street, Oklahoma City 7, Okla. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Petroleum* and *petroleum products*, in cans, drums, packages, and containers, from Wichita, Kans., and points within 5 miles thereof, to points in Nebraska, Iowa, and Wisconsin, and *exempt commodities*, on return.

No. MC 123672 (Sub-No. 5), filed July 30, 1965. Applicant: J. KENNETH BROTZ, 26 Howard Street, Silver Creek, N.Y. Applicant's representative: Thomas J. Runfola, 631 Niagara Street, Buffalo, N.Y., 14201. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Bakery products*, other than frozen, (1) between Cleveland, Ohio, on the one hand, and, on the other, Elmsford, N.Y.; points in the New York, N.Y., commercial zone; Holyoke and Natick, Mass., (2) between Buffalo, N.Y., on the one hand, and, on the other, Cleveland and Youngstown, Ohio and Natick, Mass., (3) between Natick, Mass., Elmsford, N.Y.; and points in the New York, N.Y., commercial zone on the one hand, and, on the other, Albany, Rochester, Syracuse, and Utica, N.Y., and (4) between Buffalo, N.Y. on the one hand, and on the other, points in the New York, N.Y. commercial zone.

No. MC 124123 (Sub-No. 31), filed July 29, 1965. Applicant SCHWERMAN TRUCKING CO. OF ILL., INC., 611 South 28th Street, Milwaukee, Wis., 53246. Applicant's representative: James R. Ziperski (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Cement*, from Dixon, Ill., to points in Minnesota.

No. MC 127477, filed August 2, 1965. Applicant: R. R. LANDES, 810 Lion Oil Building, El Dorado, Ark. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Roofing granules and slate dust*, in bulk, in pneumatic tank and hopper vehicles, from points in Montgomery County, Ark., to Shreveport, La.

MOTOR CARRIERS OF PASSENGERS

No. MC 1097 (Sub-No. 4), filed July 27, 1965. Applicant: DENVER-SALT LAKE-PACIFIC STAGES, INC., 2450 Curtis Street, Denver, Colo., 80205. Applicant's representative: William E. Ridgeway, 315 Continental Avenue, Dallas, Tex., 75207. Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *Passengers and their baggage, newspapers and express* in the same vehicle with passengers, between the junction U.S. Highway 40 and Colorado Highway 84 and junction U.S. Highway 40 and Colorado Highway 131; from junction U.S. Highway 40 and Colorado Highway 84 over Colorado Highway 84 to junction Colorado Highway 131, thence over Colorado Highway 131 to junction U.S. Highway 40, and return over the same route, serving all intermediate points. NOTE: Applicant states it is a wholly owned subsidiary of Transcontinental Bus System, Inc.

No. MC 50655 (Sub-No. 25), filed July 23, 1965. Applicant: GULF TRANSPORT COMPANY, a corporation, 505 Conception Street, Mobile, Ala. Applicant's representative: William A. Kimbrough, Jr., 104 St. Francis Street, Mobile, Ala. Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *Passengers and their baggage*, and *express*, in the same vehicle with passengers, (1) between East St. Louis, Ill., and junction Illinois Highway 154 and U.S. Highway 51, from East St. Louis, over U.S. Highway 460 to junction Illinois Highway 158, thence over Illinois Highway 158 to junction Illinois Highway 13, thence over Illinois Highway 13, through Belleville, to junction U.S. Highway 460, thence over U.S. Highway 460 to St. Libory, Ill., thence over Illinois Highway 4 (formerly Illinois Highway 43) to junction Illinois Highway 13, thence over Illinois Highway 13 to Pinckneyville, Ill., thence over Illinois Highway 154 to junction U.S. Highway 51, and return over the same route serving all intermediate points; (2) between DuQuoin, Ill., and Evansville, Ind., from DuQuoin over U.S. Highway 51 to Carbondale, thence over Illinois Highway 13 to junction unnumbered highway, thence over unnumbered highway through Carterville to Colp, Ill., thence over unnumbered highway to Herrin, Ill., thence over Illinois Highway 148 to junction Illinois Highway 13, thence over Illinois Highway 13 to Harrisburg, Ill., thence over U.S. Highway 45 to Norris City, Ill., thence over Illinois Highway 1 to Crossville, Ill., thence over U.S. Highway 460 to Evansville, and return over the same route, serving all intermediate points; and (3) between Carbondale and Marion, Ill., over Illinois Highway 13, serving all intermediate points. NOTE: Applicant states no local service will be performed between East St. Louis, Ill., and Freeburg, Ill., or intermediate points. Further, applicant is authorized, by virtue of Certificate No. MC 50655 (Sub-No. 24) to operate over U.S. Highway 51 between its junction with Illinois Highway 154 and DuQuoin, Ill. Applicant is a wholly owned subsidiary of Gulf, Mobil & Ohio Railroad Co.

By the Commission.

[SEAL] H. NEIL GARSON, *Secretary.*

[F.R. Doc. 65-8694; Filed, Aug. 18, 1965; 8:45 a.m.]

[Notice 1218]

MOTOR CARRIER TRANSFER PROCEEDINGS

AUGUST 16, 1965.

Synopses of orders entered pursuant to section 212(b) of the Interstate Commerce Act, and rules and regulations prescribed thereunder (49 CFR Part 179), appear below:

As provided in the Commission's special rules of practice any interested person may file a petition seeking reconsideration of the following numbered proceedings within 20 days from the date of publication of this notice. Pursuant to section 17(8) of the Interstate Commerce Act, the filing of such a petition will postpone the effective date of the order in that proceeding pending its disposition. The matters relied upon by petitioners must be specified in their petitions with particularity.

No. MC–FC–67950. By order of August 5, 1965, the Transfer Board approved the transfer to Oliver Trucking Co., Inc.; Winchester, Ky., of Certificates in Nos. MC–116014 (Sub-No. 1), MC–116014 (Sub-No. 2), MC–116014 (Sub-No. 3), MC–116014 (Sub-No. 4), MC–116014 (Sub-No. 5), MC–116014 (Sub-No. 9), MC–116014 (Sub-No. 12), MC–116014 (Sub-No. 14), and MC–116014 (Sub-No. 16), issued May 16, 1963, November 29, 1962, May 16, 1963, December 11, 1963, August 8, 1963, August 26, 1964, April 16, 1965, April 15, 1965, and July 19, 1965, respectively, to Ralph Oliver and Mrs. Scott Oliver, a partnership, doing business as Oliver Trucking Co., Winchester, Ky.; authorizing the transportation of: Materials, supplies, and equipment used in the processing, handling, marketing, and storage of unmanufactured tobacco, and certain other related commodities, lumber, brick, pallets, skids, bases, boxes, crating, veneer, baskets, staves, cardboard cartons, nails, metal bandings, used whiskey barrels, building materials, iron and steel articles, hardware, fertilizer and fertilizer ingredients, and animal and poultry feed, from, to, or between specified points in North Carolina, South Carolina, Virginia, Kentucky, Tennessee, Ohio, Indiana, Wisconsin, West Virginia, Pennsylvania, Georgia, Alabama, Mississippi, Illinois, Michigan, Missouri, Arkansas, Delaware, Florida, Iowa, Louisiana, Maryland, Minnesota, New Jersey, and New York. Robert M. Pearce, Central Building, 1033 State Street, Bowling Green, Ky., attorney for applicant.

No. MC–FC–67952. By order of August 5, 1965, the Transfer Board approved the transfer to Willie T. Hires, Inc., Hammond, Ind., of permits in Nos. MC–115967 (Sub-No. 2), and MC–115967 (Sub-No. 3), issued July 27, 1957, and March 11, 1965, respectively, to Willie T. Hires, Hammond, Ind., authorizing the transportation of: Dairy products, yogurt and fruit juices, from the site of the Borden Co. plant at or near Hammond, Ind., to a specified part of Illinois, and empty containers on the return; and, dairy products and fruit juices from the plant site of the Borden Co. at or near Woodstock, Ill., to Hammond, Hobart, and Hebron, Ind. Clyde Meachum, 41 North Vermilion, Danville, Ill., 61832, attorney for applicants.

No. MC–FC–67977. By order of July 2, 1965, the Transfer Board approved the transfer to Samuel M. Niglio, Philadelphia, Pa., of license in No. MC–12396, issued August 9, 1961, to New England Truck Brokerage Inc., Collinsville, Conn., authorizing service as a broker of general commodities, with the usual exceptions including household goods and commodities in bulk, between Philadelphia, Pa., on the one hand, and, on the other, points in Connecticut, Delaware, Florida, Georgia, Illinois, Indiana, Maryland, Massachusetts, Michigan, Missouri, New Jersey, New York, North Carolina, Ohio, Rhode Island, South Carolina, Virginia, West Virginia, and the District of Columbia, restricted against using the services of Redigo Trucking, Inc., No. MC–11431. This synopsis includes the States of Michigan, Missouri, New Jersey, New York, and North Carolina which were inadvertently omitted from the publication in the FEDERAL REGISTER of July 9, 1965. It is suggested that the parties not consummate the transaction until after September 8, 1965. Morris J. Winokur, Esq, 1920 Two Penn Center Plaza, Philadelphia, Pa., 19102, attorney for applicants.

No. MC–FC–68000. By order of August 11, 1965, the Transfer Board approved the transfer to Lloyd F. Harvey, doing business as Blythe-Parker Stage, Blythe, Calif., of Certificate No. MC–115016, issued July 15, 1955, to Jesse C. Moore, Blythe, Calif., authorizing the transportation over regular route of passengers and their baggage, and express and newspapers, in the same vehicle with passengers, between Blythe, Calif., and Parker, Ariz., serving no intermediate points. Arthur H. Glanz, 639 South Spring Street, Los Angeles, Calif., 90014, attorney for applicants.

No. MC–FC–68024. By order of August 11, 1965, the Transfer Board approved the transfer to Idamae Decker, doing business as G. P. Decker, Moab, Utah, of the operating rights in Certificate No. MC–112721 (Sub-No. 1) issued November 6, 1957, to G. P. Decker, Moab, Utah, authorizing the transportation of: Uranium-vanadium and copper bearing ores, over irregular routes, from points within 175 miles of Monticello, Utah, except points located on the Navajo Indian Reservation in Arizona and Utah, to White Canyon, Green River, and Monticello, Utah, Naturita, Uravan, and Durango, Colo., and Shiprock, N. Mex. Robert H. Ruggeri, Post Office Box 308, Moab, Utah, 84532, attorney for applicants.

[SEAL] H. NEIL GARSON,
Secretary.

[F.R. Doc. 65–8772; Filed, Aug. 18, 1965; 8:48 a.m.]

[Notice 29]

MOTOR CARRIER TEMPORARY AUTHORITY APPLICATIONS

AUGUST 16, 1965.

The following are notices of filing of applications for temporary authority under section 210a(a) of the Interstate Commerce Act provided for under the new rules in Ex Parte No. MC 67 (49 CFR Part 240), published in the FEDERAL REGISTER, issue of April 27, 1965, effective July 1, 1965. These rules provide that protests to the granting of an application must be filed with the field official named in the FEDERAL REGISTER publication, within 15 calendar days after the date notice of the filing of the application is published in the FEDERAL REGISTER. One copy of such protests must be served on the applicant, or its authorized representative, if any, and the protests must certify that such service has been made. The protest must be specific as to the service which such protestant can and will offer, and must consist of a signed original and six (6) copies.

A copy of the application is on file, and can be examined, at the Office of the Secretary, Interstate Commerce Commission, Washington, D.C., and also in the field office to which protests are to be transmitted.

No. MC 1855 (Sub-No. 13 TA), filed August 12, 1965. Applicant: SCHWENZER BROS, INC., 767 St. George Avenue, Woodbridge, N.J. Applicant's representative: William J. Augello, Jr., 2 West 45th Street, New York, N.Y., 10036. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Such general merchandise and containers* as are usually dealt and used in the conduct of the business of service stations, oil jobbers, garages, and consumers of such products, in containers, from Sewaren, N.J., to Alexandria, Va., Washington, D.C., Baltimore, Md., Philadelphia, Marcus Hook, Macungie, and Chester, Pa., Groton, New Haven, Hartford, East Hartford, Waterbury, and Bridgeport, Conn., Cambridge, Fall River, and Springfield, Mass., and points in that part of New York on and south of a line beginning at Hancock, N.Y., and extending in a northeasterly direction of Schenectady, N.Y., and thence along New York Highway 7 to the New York-Vermont State line, including points and places on the indicated portion of the highway specified, *empty containers and rejected, returned or damaged shipments* of the above specified commodities, from the above-specified destination points to Sewaren, N.J., for 180 days. Supporting Shipper: Shell Oil Co., 50 West 50th Street, New York 20, N.Y. Attention: W. H. Morley, Manager Traffic Department. Send protests to: District Supervisor Robert S. H. Vance, Interstate Commerce Commission, Bureau of Operations and Compliance, 1060 Broad Street, Newark, N.J., 07102.

No. MC 58813 (Sub-No. 62 TA), filed August 12, 1965. Applicant: SELMAN'S EXPRESS, INC., 460 West 35th Street, New York, N.Y. Applicant's representative: Solomon Granett, 1740 Broadway, New York, N.Y. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Wearing apparel*, on hangers only, from Madisonville, Tenn., to New York, N.Y., for 120 days. Supporting shipper: Lady Bird Classics, Inc., 1350 Broadway, New York, N.Y. Send protests to: District Supervisor Stephen P. Tomany, Interstate Commerce Commission, Bureau of Operations and Compliance, 346 Broadway, New York, N.Y., 10013.

No. MC 65392 (Sub-No. 79 TA), filed August 12, 1965. Applicant: AUTOMOBILE SHIPPERS, INCORPORATED, 9760 Van Dyke, Avenue, Detroit, Mich., 48213. Applicant's representative: Walter N. Bieneman, Suite 1700, One Woodward Avenue, Detroit, Mich., 48226. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Automobiles, trucks, and chassis, and parts thereof*, when moving therewith, in secondary movements, in truckaway and driveaway service and of automobiles and truck bodies and cabs, from Pittsburgh, Pa., to points in Garrett, Allegany, and Washington Counties, Md., and points in West Virginia and the District of Columbia, restricted to traffic originating at the plant of Chrysler Corp. at Windsor, Ontario, Canada, and having an immedi-

ately prior movement to Pittsburgh by rail carrier, for 180 days. Supporting shipper: Chrysler Corp., Post Office Box 1976, Detroit, Mich., 48231. Send protests to: District Supervisor Gerald J. Davis, Bureau of Operations and Compliance, Interstate Commerce Commission, 1110 Broderick Tower, 10 Witherell, Detroit, Mich., 48226.

No. MC 69833 (Sub-No. 80 TA), filed August 12, 1965. Applicant: ASSOCIATED TRUCK LINES, INC., 15 Andre Street, S.E., Grand Rapids, Mich. Applicant's representative: Walter N. Bieneman, Suite 1700, One Woodward Avenue, Detroit, Mich., 48226. Authority sought to operate as a *common carrier*, by motor vehicle, over regular routes, transporting: *General commodities* (except those of unusual value, class A and B explosives, household goods as defined by the Commission, commodities requiring special equipment, and those injurious or contaminating to other lading), serving the plantsite of Phillips Products Co., Inc., located on North Territorial Road in Washtenaw County, Mich. (approximately 1.2 miles east of U.S. 23) as an off-route point in connection with applicant's otherwise authorized service over U.S. Highway 23, for 180 days. Supporting shipper: Phillips Petroleum Co., Bartlesville, Okla., 74004. Send protests to: C. R. Flemming, District Supervisor, Bureau of Operations and Compliance, Interstate Commerce Commission, 221 Federal Building, Lansing, Mich., 48933.

No. MC 107403 (Sub-No. 636 TA), filed August 12, 1965. Applicant: MATLACK, INC., 10 West Baltimore Avenue, Lansdown, Pa., 19050. Applicant's representative: C. W. Zook (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Refined vegetable oils*, in bulk, in tank vehicles, from Columbus, Ohio, to Dorchester, Mass., for 150 days. Supporting shipper: Capital City Products Co., Division of Stokley-Van Camp, Inc., Post Office Box 569, Columbus, Ohio, 43216. Send protests to: Ross A. Davis, District Supervisor, Bureau of Operations and Compliance, Interstate Commerce Commission, 900 U.S. Custom House, Philadelphia, Pa., 19106.

No. MC 116073 (Sub-No. 25 TA), filed August 12, 1965. Applicant: BARRETT MOBILE HOME TRANSPORT, INC., 1825 Main Avenue, Moorhead, Minn. Applicant's representative: John C. Barrett, President, 182 Main Avenue, Moorhead, Minn. Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: *Sectionalized buildings* mounted on wheeled undercarriages equipped with hitch ball couplers, from Red Lake Falls, Minn., and Daggett, Calif., to points in Alaska, Iowa, Minnesota, Montana, North Dakota, South Dakota, Wisconsin, Michigan, Wyoming, California, Washington, Oregon, Nevada, and Arizona, for 180 days. Supporting shipper: Detroiter Mobile Homes, Inc., 1517 Virginia Street, Saint Louis, Mich. Send protests to: Joseph H. Ambs, District Supervisor, Bureau of Operations and Compliance, Interstate Commerce Commission, 1621 South University Drive, Room 213, Fargo, N. Dak.

No. MC 127494 (Sub-No. 1 TA), filed August 12, 1965. Applicant: TRANS OCEAN VAN SERVICE OF HAWAII, 633 Ahua Street, 3625 Industry Avenue, Lakewood, Calif. Applicant's representative: Alan F. Wohlstetter, One Farragut Square South, Washington, D.C., 20006. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Household goods*, as defined by the Commission, between points in Hawaii, on shipments having a prior or subsequent movement by water or air, for 180 days. Supporting shippers: Trans Ocean Van Service, Post Office Box 7331, Long Beach, Calif., 90807; Continental Forwarders, Inc., Post Office Box 344, Canal Street, Station, New York, N.Y., 10013; Von Der Ahe Van Lines, Inc., 600 Rudder Avenue, Fenton, Mo., 63026; Routed Thru Pak, Inc., 350 Broadway, New York, N.Y., 10013; Allstates Van Lines, 105 Leonard Street, New York, N.Y., 10013; Swift Home-Wrap, Inc., 105 Leonard Street, New York, N.Y., 10013. Send protests to: District Supervisor W. J. Huetig, Interstate Commerce Commission, Bureau of Operations and Compliance, Room 7708, Federal Building, 300 North Los Angeles Street, Los Angeles, Calif., 90012.

No. MC 127496 TA, filed August 12, 1965. Applicant: SHAR TRUCKING, INC., Box 167, Route 3, Seagoville, Tex. Applicant's representative: A. R. Evans (same address as applicant). Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Gravel, sand, aggregate, flexible base, remixed sand and gravel, asphaltic concrete, and gravel rip-rap*, in bulk, in dump trucks, or trailers with dump bodies, from the Hoot plantside of Gifford-Hill & Co., Inc., located approximately 8 miles south of Texarkana, Ark., to points in Bossier, Caddo, DeSoto and Webster Parishes, La.; Atoka, Bryan, Choctaw, McCurtain and Pushmataha Counties, Okla., and Bowie, Camp, Cass, Collin, Dallas, Fannin, Franklin, Grayson, Harrison, Hopkins, Hunt, Lamar, Marion, Morris, Panola, Red River, Rockwall, Tarrant, and Titus Counties, Tex., and *refused, rejected, or returned shipments*, on return, for 180 days. Supporting Shipper: Gifford-Hill & Co., Inc., 2400 Fidelity Union Tower, Post Office Box 683, Dallas, Tex., 75221. Send Protests to: E. K. Willis, Jr., District Supervisor, Bureau of Operations and Compliance, Interstate Commerce Commission, 513 Thomas Building, 1314 Wood Street, Dallas, Tex., 75202.

By the Commission.

[SEAL] H. NEIL GARSON, *Secretary*.

[F.R. Doc. 65-8773; Filed, Aug. 18, 1965; 8:48 a.m.]

FOURTH SECTION APPLICATIONS FOR RELIEF

AUGUST 16, 1965.

Protests to the granting of an application must be prepared in accordance with § 1.40 of the general rules of practice (49 CFR 1.40) and filed within 15 days from the date of publication of this notice in the FEDERAL REGISTER.

LONG-AND-SHORT HAUL

FSA No. 39970—*Proportional Rates on Corn and Corn Products to Kankakee, Ill.* Filed by Traffic Executive Association—Eastern Railroads, agent (E.R. No. 2791), for interested rail carriers. Rates on corn and corn products, in carloads, from points in Illinois on the Kankakee Belt Line branch of the New York Central Railroad Co., to Kankakee, Ill., applicable only on traffic destined to points in western termini of trunkline territory and to points in trunkline and New England territories.

Grounds for relief—Barge-rail competition.

Tariffs—Supplement 50 to the New York Central Railroad Co. tariff I.C.C. 2382, and other schedules named in the application.

FSA No. 39971—*Joint Motor-Rail Rates—Eastern Central.* Filed by the Eastern Central Motor Carriers Association, Inc., agent (No. 361), for interested carriers. Rates on commodities moving on class and commodity rates over joint routes of applicant rail and motor carriers, between points in middle Atlantic and New England territories, on the one hand, and points in middlewest and southwestern territories, on the other.

Grounds for relief—Motortruck competition.

Tariff—Supplement 2 to Eastern Central Motor Carriers Association, Inc., agent, tariff MF-I.C.C. A-230.

FSA No. 39972—*Joint Motor-Rail Rates—Eastern Central.* Filed by the Eastern Central Motor Carriers Association, Inc., agent (No. 362), for interested carriers. Rates on commodities moving on class and commodity rates over joint routes of applicant rail and motor carriers, between points in middle Atlantic and New England territories, on the one hand, and points in middlewest and southwestern territories, on the other.

Grounds for relief—Motortruck competition.

Tariff—Supplement 2 to Eastern Central Motor Carriers Association, Inc., agent, tariff MF-I.C.C. A-230.

FSA No. 39973—*Joint Motor-Rail Rates—Eastern Central.* Filed by the Eastern Central Motor Carriers Association, Inc., agent (No. 363), for interested carriers. Rates on commodities moving on class and commodity rates over joint routes of applicant rail and motor carriers, between points in middle Atlantic and New England territories, on the one hand, and points in Central States, middlewest and southwestern territories, on the other.

Grounds for relief—Motortruck competition.

Tariff—Supplement 2 to Eastern Central Motor Carriers Association, Inc., agent, tariff MF-I.C.C. A-230.

FSA No. 39974—*Joint Motor-Rail Rates—Eastern Central.* Filed by the Eastern Central Motor Carriers Association, Inc., agent (No. 364), for interested carriers. Rates on commodities moving on class and commodity rates over joint routes of applicant rail and motor carriers, between points in Central States

territory, on the one hand, and points in middle Atlantic and New England territories, on the other.

Grounds for relief—Motortruck competition.

Tariff—Supplement 2 to Eastern Central Motor Carriers Association, Inc., agent, tariff MF-I.C.C. A-230.

FSA No. 39975—*Returned Roofing Granules from Cincinnati, Ohio.* Filed by Traffic Executive Association—Eastern Railroads, agent (E.R. No. 2796), for interested rail carriers. Rates on roofing granules, in carloads, on shipments returned from Cincinnati, Ohio to Bound Brook, N.J., Gladhill and Slate Hill, Pa.

Grounds for relief—Carrier competition.

FSA No. 39976—*Bituminous Coal to Iowa City, Iowa.* Filed by Illinois Freight Association, agent (No. 291), for interested rail carriers. Rates on bituminous coal, in carloads, subject to minimum annual volume tonnage of 75,000 tons, from mine origins in Illinois, Indiana, and western Kentucky, to Iowa City, Iowa.

Grounds for relief—Natural gas competition.

Tariff—Supplement 15 to Illinois Freight Association, agent, tariff I.C.C. 1050.

FSA No. 39977—*Substituted Service—ACL, et al., for Ace-R.B. Van Lines, Inc., et al.* Filed by Movers' & Warehousemen's Association of America, Inc., agent (No. 9), for interested carriers. Rates on property loaded in highway trailers, between interchange points named in the application, on traffic originating at or destined to such points or points beyond as described in the application.

Grounds for relief—Motortruck competition.

FSA No. 39978—*Substituted Service—C&NW, et al., for Atlas Van Lines, Inc., et al.* Filed by Movers' & Warehousemen's Association of America, Inc., agent (No. 10), for interested carriers. Rates on property loaded in highway trailers, between interchange points named in the application, on traffic originating at or destined to such points or points beyond as described in the application.

Grounds for relief—Motortruck competition.

By the Commission.

[SEAL] H. NEIL GARSON,
Secretary.

[F.R. Doc. 65-8774; Filed, Aug. 18, 1965; 8:48 a.m.]

DEPARTMENT OF THE TREASURY

Bureau of Customs

[332.1]

APPRAISEMENT OF FOOTWEAR SUBJECT TO AMERICAN SELLING PRICE

Notice of Opportunity To Present Views Regarding Proposed Interpretation of "Like or Similar" Merchandise

An industrywide investigation by Customs into the products and pricing of footwear manufactured in the United States which may be used as the basis for assessing duty on imported footwear pursuant to the Presidential proclamation under section 336 of the Tariff Act of 1930, as amended, issued as Treasury Decision 46158, has been concluded. Appraisement will be resumed shortly on the basis of the information provided by this inquiry.

In the course of this review, Customs appraisement practices and procedures were also examined. The purpose of this notice is to advise that in order to insure uniformity of action and consistency with appraisement practices and principles of long standing, the Bureau of Customs proposes to issue instructions to all appraising officers as follows:

Imported products subject to appraisement on the basis of American Selling Price by virtue of section 336 of the Tariff Act of 1930, as amended, are required to be appraised at the American Selling Price of the product manufactured in the United States which is like or similar to the imported product. Customs officers to whom the functions of appraising officers have been delegated shall have the function of selecting the product manufactured in the United States which is like or similar to such an imported product. In carrying out that function such officers shall use all reasonable ways and means to select the product manufactured in the United States which in their opinion is like, or most similar to the import in physical characteristics, such as appearance, durability, quality, construction, workmanship and finish. If several products manufactured in the United States are found to be approximately equal in similarity on the basis of the foregoing characteristics, the product which is closest in price to the price of the imported article shall be selected as the most similar.

Before issuing this instruction, consideration will be given to all relevant data, views, or arguments which are submitted in writing to the Commissioner of Customs, Bureau of Customs, Washington, D.C., 20226, and received not later than 30 days from the date of publication of this notice in the FEDERAL REGISTER. No hearing will be held.

[SEAL] LESTER D. JOHNSON,
Commissioner of Customs.

Approved: August 6, 1965.

JAMES POMEROY HENDRICK,
Acting Assistant Secretary of the Treasury.

[F.R. Doc. 65-8840; Filed, Aug. 18, 1965; 9:57 a.m.]

DEPARTMENT OF THE INTERIOR

Bureau of Land Management

[Oregon 016674]

OREGON

Notice of Proposed Withdrawal and Reservation of Land

AUGUST 11, 1965.

The Corps of Engineers, U.S. Department of the Army, has filed an application, Serial No. Oregon 016674, for the withdrawal of the lands described below, from all forms of appropriation under the public land laws, including the mining laws (Ch. 2, 30 U.S.C.), and mineral leasing laws.

The applicant desires to use the land for flood control, irrigation, hydroelectric power generation, and other authorized purposes in connection with the Lost Creek Reservoir Project on the Rogue River.

For a period of 30 days from the date of publication of this notice, all persons who wish to submit comments, suggestions, or objections in connection with the proposed withdrawal may present their views in writing to the undersigned officer of the Bureau of Land Management, Department of the Interior, 710 Northeast Holladay, Portland, Oreg., 97232.

The authorized officer of the Bureau of Land Management will undertake such investigations as are necessary to determine the existing and potential demand for the lands and their resources. He will also undertake negotiations with the applicant agency with the view of adjusting the application to reduce the area to the minimum essential to meet the applicant's needs, to provide for the maximum concurrent utilization of the lands for purposes other than the applicant's, to eliminate lands needed for purposes more essential than the applicant's, and to reach agreement on the concurrent management of the lands and their resources.

He will also prepare a report for consideration by the Secretary of the Interior who will determine whether or not the lands will be withdrawn as requested by the Corps of Engineers.

The determination of the Secretary on the application will be published in the FEDERAL REGISTER. A separate notice will be sent to each interested party of record.

If circumstances warrant it, a public hearing will be held at a convenient time and place, which will be announced.

The lands involved in the application are:

OREGON

WILLAMETTE MERIDIAN

Revested Oregon and California Railroad Grant Lands

T. 33 S., R. 1 E.,
Sec. 11, E½ and SW¼;
Sec. 13, SE¼NE¼, N½N½, NW¼SW¼, SW¼NW¼, S½S½;
Sec. 23, W½NE¼, W½, S½SE¼;
Sec. 27, NE¼, SW¼;
Sec. 35, NE¼NE¼, W½.
T. 33 S., R. 2 E.,
Sec. 11, NE¼SW¼, S½SW¼, SE¼;
Sec. 15, NE¼NW¼, S½NW¼, N½SW¼;
Sec. 17, NE¼NE¼;
Sec. 19, SE¼NE¼, W½NE¼, E½NW¼, NW¼NW¼, SE¼SW¼, and that part of the SW¼SE¼ lying southerly of the Rogue River.
Total area—2,907 acres.

Public Domain Lands

T. 33 S., R. 1 E.,
Sec. 12, SE¼SW¼;
Sec. 14, SW¼NW¼, SE¼SW¼, SW¼SE¼;
Sec. 22, E½SE¼;
Sec. 24, NW¼SW¼.

T. 33 S., R. 2 E.,
Sec. 18, lot 4, SE¼SW¼;
Sec. 30, lot 4.
Total area—402 acres.

The areas described aggregate 3,309 acres.

DOUGLAS E. HENRIQUES,
Land Office Manager.

[F.R. Doc. 65-8763; Filed, Aug. 18, 1965; 8:47 a.m.]

[Oregon 06527]

OREGON

Notice of Termination of Proposed Withdrawal and Reservation of Land

AUGUST 12, 1965.

Notice of an application, Serial Number Oregon 06527, for withdrawal and reservation of lands was published as Federal Register Document No. 63-835 on page 704 of the issue for January 25, 1963. The applicant agency has canceled its applicaton so far as it involves the lands described below. Therefore, pursuant to the regulations contained in 43 CFR Part 2311 (formerly 43 CFR Part 295) such lands will be, at 10:00 a.m., on August 23, 1965, relieved of the segregative effect of the above-mentioned application.

The lands involved in this notice of termination are:

WILLAMETTE MERIDIAN, OREG.

T. 3 S., R. 36 E.,
Sec. 1, N½SW¼.
T. 1 S., R. 40 E.,
Sec. 33, S½SW¼.
T. 2 S., R. 41 E.,
Sec. 10, E½SE¼ and unpatented parts of W½SE¼.
T. 5 S., R. 41 E.,
Sec. 7, N½NE¼, SW¼SW¼NE¼, E½SW¼NE¼, and SE¼NE¼.
T. 3 S., R. 42 E.,
Sec. 26, W½.

The areas described aggregate 725.17 acres.

DOUGLAS E. HENRIQUES,
Land Office Manager.

[F.R. Doc. 65-8764; Filed, Aug. 18, 1965; 8:47 a.m.]

[Idaho 016388]

IDAHO

Notice of Proposed Withdrawal and Reservation of Lands; Correction and Addition

AUGUST 11, 1965.

In Federal Register Document 65-7082, page 8592 of the issue for July 7, 1965, the land description for section 18, T. 38 N., R. 4 E., Dworshak dam and reservoir project, is corrected to read as follows:

BOISE MERIDIAN, IDAHO

T. 38 N., R. 4 E.,
Sec. 18, SW¼SE¼NW¼, NE¼SW¼ and all that portion of lot 2 described as: Beginning at a point on the south line of said lot 2 said point being 493.4 feet E. from the west quarter corner of said section 18; thence N. 0°01'30" W., 660 feet; thence E. to the east boundary of said lot 2; thence S. 0°05' E., 660 feet, more or less to the south line of said lot 2; thence W. along the south line thereof to the point of beginning.

The U.S. Army Corps of Engineers has further amended their application Idaho 016388, original notice published as stated above, to include the following additional lands in the Clearwater National Forest:

BOISE MERIDIAN, IDAHO

T. 41 N., R. 6 E.,
Sec. 30, S½NE¼SW¼ and S½N½SE¼;
Sec. 31, SW¼NE¼, NE¼SE¼ and NE¼NW¼SE¼;
Sec. 32, NW¼SW¼NE¼, N½SE¼NW¼ and SW¼SE¼NW¼.

The lands added aggregate 190 acres.

ORVAL G. HADLEY,
Manager, Land Office.

[F.R. Doc. 65-8765; Filed, Aug. 18, 1965; 8:47 a.m.]

CHIEFS, BRANCH OF ADMINISTRATIVE SERVICES AND BRANCH OF PROCUREMENT, PORTLAND SERVICE CENTER, OREG.

Redelegation of Authority Regarding Contracts and Leases

SECTION 1. *Authority.* Pursuant to the authority contained in Bureau of Land Management Order No. 698, the Chief, Branch of Administrative Services and the Chief, Branch of Procurement, Portland Service Center, Portland, Oreg., are hereby redelegated the authority contained in section 1(a) of said order.

The above delegation is effective July 1, 1965 and may not be redelegated.

EDWARD G. BYGLAND,
Director,
Portland Service Center.

AUGUST 9, 1965.

[F.R. Doc. 65-8770; Filed, Aug. 18, 1965; 8:48 a.m.]

[R 06908]

CALIFORNIA

Notice of Proposed Withdrawal and Reservation of Lands

AUGUST 13, 1965.

The Bureau of Indian Affairs, Department of the Interior, has filed an application, R06908, for the withdrawal of lands described below, subject to valid existing rights, from all forms of appropriation under the public land laws, including the mining and mineral leasing laws.

The applicant desires the land for the purpose of adding same to the Rincon Indian Reservation, Calif.

For a period of 30 days from the date of publication of this notice, all persons who wish to submit comments, suggestions, or objections in connection with the proposed withdrawal may present their views in writing to the undersigned officer of the Bureau of Land Management, Department of the Interior, 1414 eighth Street, Box 723, Riverside, Calif., 92502.

If circumstances warrant it, a public hearing will be held at a convenient time and place which will be announced.

The determination of the Secretary on the application will be published in the FEDERAL REGISTER. A separate notice will be sent to each interested party of record.

The lands involved in the application are:

SAN BERNARDINO MERIDIAN

T. 10 S., R. 1 W.,
Sec. 28, E½SW¼, SE¼;
Sec. 33, N½NE¼.

The areas described aggregate 320 acres.

HALL H. MCCLAIN,
Manager.

[F.R. Doc. 65-8771; Filed, Aug. 18, 1965; 8:48 a.m.]

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Food and Drug Administration

HUMBLE OIL & REFINING CO.

Notice of Filing of Petition for Food Additives Synthetic Isoparaffinic Petroleum Hydrocarbons

Pursuant to the provisions of the Federal Food, Drug, and Cosmetic Act (sec. 409(b)(5), 72 Stat. 1786; 21 U.S.C. 348(b)(5)), notice is given that a petition (FAP 5A1791) has been filed by Humble Oil & Refining Co., Post Office Box 2180, Houston, Tex., 77001, proposing an amendment to § 121.1154 *Synthetic isoparaffinic petroleum hyrocarbons* to provide for the safe use of synthetic isoparaffinic petroleum hydrocarbons as a float on fermentation fluids in the manufacture of vinegar and wine, and on brine used in curing pickles to prevent or retard access of air, evaporation, and contamination with wild organisms during fermentation.

Dated: August 13, 1965.

J. K. KIRK,
Assistant Commissioner for Operations.

[F.R. Doc. 65-8798; Filed, Aug. 18, 1965; 8:49 a.m.]

STATE OF UTAH DEPARTMENT OF FISH AND GAME

Notice of Withdrawal of Petition for Food Additive 2-Amino-5-Nitrothiazole

Pursuant to the provisions of the Federal Food, Drug, and Cosmetic Act (sec. 409(b), 72 Stat. 1786; 21 U.S.C. 348(b)), the following notice is issued:

In accordance with § 121.52 *Withdrawal of petitions without prejudice* of the procedural food additive regulations (21 CFR 121.52), the State of Utah Department of Fish and Game, 1596 West North Temple Street, Salt Lake City, Utah, 84116, has withdrawn its petition (FAP 4C1328), published in the FEDERAL REGISTER of February 26, 1964 (29 F.R. 2707), proposing the issuance of a regulation to provide for the safe use of 2-amino-5-nitrothiazole for the treatment of hexamitiasis in rainbow trout.

The withdrawal of this petition is without prejudice to a future filing.

Dated: August 13, 1965.

J. K. KIRK,
Assistant Commissioner for Operations.

[F.R. Doc. 65-8799; Filed, Aug. 18, 1965; 8:49 a.m.]

UNION CARBIDE CORP.

Notice of Filing of Petition for Food Additive Sodium 2-Ethylhexyl Sulfate

Pursuant to the provisions of the Federal Food, Drug, and Cosmetic Act (sec. 409(b)(5), 72 Stat. 1786; 21 U.S.C. 348(b)(5)), notice is given that a petition (FAP 4A1485) has been filed by Union Carbide Corp., Post Office Box 65, Tarrytown, N.Y., 10592, proposing an amendment to § 121.1091 *Chemicals used in washing fruits and vegetables* to provide for the safe use of not more than 0.2 percent sodium 2-ethylhexyl sulfate in water for the washing of or to assist in the lye-peeling of fruits and vegetables, with the application to be followed by a potable water rinse.

Dated: August 13, 1965.

J. K. KIRK,
Assistant Commissioner for Operations.

[F.R. Doc. 65-8800; Filed, Aug. 18, 1965; 8:49 a.m.]

DEPARTMENT OF AGRICULTURE

Office of the Secretary

NEW MEXICO, NORTH CAROLINA AND TEXAS

Designation of Areas for Emergency Loans

For the purpose of making emergency loans pursuant to section 321 of the Consolidated Farmers Home Administration Act of 1961 (7 U.S.C. 1961), it has been determined that in the hereinafter-named counties in the States of New Mexico, North Carolina, and Texas natural disasters have caused a need for agricultural credit not readily available from commercial banks, cooperative lending agencies, or other responsible sources.

New Mexico

Chaves.
Eddy.
Lea.

North Carolina

New Hanover.
Pender.

Texas

Culberson.
El Paso.
Gonzales.
Hudspeth.
Lavaca.
McLennan.
Travis.

Pursuant to the authority set forth above, emergency loans will not be made in the above-named New Mexico counties after December 31, 1966, or in the above-named North Carolina and Texas counties after June 30, 1966, except to applicants who previously received emergency or special livestock loan assistance and who can qualify under established policies and procedures.

Done at Washington, D.C., this 16th day of August 1965.

ORVILLE L. FREEMAN,
Secretary.

[F.R. Doc. 65-8792; Filed, Aug. 18, 1965; 8:49 a.m.]

ATOMIC ENERGY COMMISSION

ISOCHEM, INC.

Determination That Fission Product Conversion and Encapsulation Facility is Utilization Facility

The Atomic Energy Act of 1954, as amended (the Act), defines a "utilization facility" as "* * * any equipment or device * * * determined by rule of the Commission to be capable of making use of special nuclear material in such quantity as to be of significance to the common defense and security, or in such manner as to affect the health and safety of the public, or peculiarly adapted for making use of atomic energy in such quantity as to be of significance to the common defense and security, or in such manner as to affect the health and safety of the public * * *" (subsec. 11aa.). Thus far, the only equipment or device determined by the Commission to constitute a "utilization facility" is a "nuclear reactor other than one designed or used primarily for the formation of plutonium or U-233". (10 CFR 50.2(b), 21 F.R. 355, Jan. 19, 1956).

Isochem, Inc., a subsidiary of the Martin-Marietta Corp., and the U.S. Rubber Co., has proposed constructing a Fission Product Conversion and Encapsulation Facility (FPCE) at the Hanford, Wash., AEC site. The proposed plant will receive radioactive waste resulting from the chemical processing of irradiated fuel elements, and further treat such wastes to yield in purified form one or more of the fission product elements contained in the feed.[1]

The FPCE will process megacurie quantities of radioactive material which pose significant safety considerations. The theoretically possible consequences resulting from a release of a portion of this material are of the same order of magnitude as those for some already defined utilization or production facilities. Licensing of the plant will require many complex analyses of the processes to be performed, of the equipment and materials to be used and of the interrelationships between one part of the system with other parts. As a utilization facility, the FPCE will be licensed under 10 CFR Part 50, "Licensing of Production and Utilization Facilities," rather than Part 30, "Licensing of Byproduct Material". A construction permit will be required and a public hearing upon the application for the permit will be held. The license application for the plant will be reviewed by the Commission's Advisory Committee on Reactor Safeguards. Operators in the plant will be required to be licensed under 10 CFR Part 55, "Operators' Licenses". As an incident to licensing under Part 50, the Commission will be required, by subsections 170 a. and c. of the Act, to extend Price-Anderson indemnity.

The Commission recognized that such a plant might be classified as a utilization facility when it promulgated Part 150 of its regulations, "Exemptions and Continued Regulatory Authority in Agreement States Under section 274," (27 F.R. 1352, Feb. 14, 1962). The Statement of Considerations states, in part:

"As has previously been announced, the Commission is conducting studies of activities involving the processing and use of very substantial quantities of byproduct material (in the order of hundreds or thousands of curies). These studies have been undertaken in part to provide information on which the Commission may make a determination as to whether provisions of the Price-Anderson Indemnity Act (sec. 170 of the Atomic Energy Act of 1954) should be extended to such activities. They have also been undertaken for the purpose of providing information as to whether the Commission should determine that facilities which process such quantities of byproduct material are production or utilization facilities within the meaning of section 11 of the Act. If the Commission finds that such facilities should be classified as utilization facilities, the Commission's licensing and regulatory requirements would be applicable. The provisions of the Price-Anderson Indemnity Act cannot be made applicable except to activities licensed by the Commission.

Inasmuch as Isochem, Martin-Marietta and U.S. Rubber Co., the persons subject to and named in the determination, have received notice, notice of proposed rule making and public procedure thereon are unnecessary. Since those persons are not required to take any action in preparation for effectiveness of the rule, good cause exists for making the rule effective within less than 30 days after publication.

Pursuant to the Atomic Energy Act of 1954, as amended, and the Administrative Procedure Act of 1946, the Commission has determined that the proposed Fission Product Conversion and Encapsulation Facility (FPCE) to be built at Hanford, Wash., by Isochem, Inc., a subsidiary of the Martin-Marietta Corp. and of the U.S. Rubber Co., is peculiarly adapted for making use of atomic energy in such manner as to affect the health and safety of the public and as such is a utilization facility within the purview of subsection 11aa. of the Atomic Energy Act of 1954, as amended. This notice shall be effective upon publication in the FEDERAL REGISTER.

(Sec. 161, 68 Stat. 948; 42 U.S.C. 2201. Interpret or apply sec. 11aa., 68 Stat. 922; 42 U.S.C. 2014)

Dated at Washington, D.C., this 6th day of August 1965.

For the Atomic Energy Commission.

F. T. HOBBS,
Acting Secretary.

[F.R. Doc. 65-8735; Filed, Aug. 18, 1965; 8:45 a.m.]

[1] It is anticipated that the plant would convert the wastes into usable forms of the following quantities of byproduct material annually: 29 megacuries of strontium-90, 29 megacuries of cesium-137, 200 megacuries of cerium-144, and 53 megacuries of promethium-147.

[Docket No. 50-240]

GENERAL DYNAMICS CORP.

Notice of Application for Utilization Facility License

Please take notice that General Dynamics Corp., under section 104c of the Atomic Energy Act of 1954, has submitted an application for a license to construct and operate a Modified HTGR Critical Facility for research at the corporation's John Jay Hopkins Laboratory site at Torrey Pines Mesa, Calif. A copy of the application is available for public inspection in the AEC Public Document Room, located at 1717 H Street NW., Washington, D.C.

Dated at Bethesda, Md., this 12th day of August 1965.

For the Atomic Energy Commission.

R. L. DOAN,
Director,
Division of Reactor Licensing.

[F.R. Doc. 65-8736; Filed, Aug. 18, 1965; 8:45 a.m.]

CIVIL AERONAUTICS BOARD

[Docket No. 16409; Order E-22548]

SLICK CORP.

Revision of Delivery Release Times in Economy Service; Investigation and Suspension

Adopted by the Civil Aeronautics Board at its office in Washington, D.C., on the 16th day of August 1965.

By tariff revision filed July 19, 1965, marked to become effective August 18, 1965, the Slick Corp. (Slick) proposes to revise its economy service tariff by advancing to an earlier day four of its present delivery release schedules, as set forth in detail in Attachment 1.[1] Slick states that its proposal is intended to provide a consistent and logical progression of release provisions. Slick's entire economy service tariff bears an expiration date of April 28, 1966.

A complaint has been filed by American Airlines, Inc. (American) requesting suspension and investigation on the ground that (1) the proposed delivery release changes make economy service comparable to first-class service for shipments originated at the end of the week (Thursday, Friday, and Saturday) since many commercial establishments either are closed on Saturdays and Sundays or do not receive shipments until Monday morning; and (2) with the delayed delivery time effectively withdrawn for shipments originating at the end of the week, the 30- to 40-percent rate reduction (under standard first-class rates) cannot be justified.[2] American cites the Examiner's Initial Decision in Docket 14154 et al., as adopted by the Board on April 28, 1964 (Order E-20756) finding that "the provisions for delayed delivery time established the economy service as substantially different from first-class service." American contends that first-class service would only provide an effective earlier delivery in the case of some Thursday shipments.

Upon consideration of the complaint and other relevant matters, the Board finds that the proposed tariff revisions may be unjust, unreasonable, or unduly discriminatory, or unduly preferential, or unduly prejudicial, or otherwise unlawful, and should be investigated. Slick's proposed shortening of release times will make its economy service considerably more competitive with first-class service, particularly with respect to Thursday and Saturday shipments under 2,100 miles, thereby increasing the threat of diversion from first-class traffic with a corresponding dilution of revenue. In view of the potential significant impact upon carriers' revenues that might result from the application of the proposal, the Board has also concluded to suspend the proposal pending investigation.

Accordingly, pursuant to the Federal Aviation Act of 1958 and particularly sections 204(a) and 1002 thereof,

It is ordered, That: 1. An investigation is instituted to determine whether the provisions of Rules Nos. 50(a) and 50(b) on 23d Revised Page 16-D of Airline Tariff Publishers, Inc., Agent, CAB No. 8 (Agent J. Aniello series) and rules, regulations, or practices affecting such provisions are, or will be, unjust or unreasonable, unjustly discriminatory, unduly preferential, unduly prejudicial, or otherwise unlawful and if found to be unlawful to determine and prescribe the lawful provisions and rules, regulations, and practices affecting such provisions;

2. Pending hearing and decision by the Board, Rules Nos. 50(a) and 50(b) on 23d Revised Page 16-D of Airline Tariff Publishers, Inc., Agent, CAB No. 8 (Agent J. Aniello series) are suspended and their use deferred to and including November 15, 1965, unless otherwise ordered by the Board and that no changes be made therein during the period of suspension except by order or special permission of the Board;

3. The complaint of American Airlines, Inc., in Docket 16378 is dismissed, except to the extent granted herein;

4. The proceeding herein be assigned for hearing before an examiner of the Board at a time and place hereafter to be designated; and

5. Copies of this order shall be filed with the tariff and served upon American Airlines, Inc., and the Slick Corp., which are hereby made parties to this proceeding.

This order will be published in the FEDERAL REGISTER.

By the Civil Aeronautics Board.

[SEAL] HAROLD R. SANDERSON,
Secretary.

[F.R. Doc. 65-8796; Filed, Aug. 18, 1965; 8:49 a.m.]

[1] Filed as part of original document.

[2] In a separate filing effective Aug. 15, 1965, Slick proposes to increase its westbound economy service rates by 10 percent. No complaints against this filing have been received.

CIVIL SERVICE COMMISSION

MANPOWER SHORTAGE

Notice of Listing

Under the provisions of section 7(b) of the Administrative Expenses Act of 1946, as amended, the Civil Service Commission has found, effective July 8, 1965, that there is a manpower shortage for the position of Physiologist, GS-413-13, and effective July 13, 1965, that there is a manpower shortage for the positions of Welder, Pipefitter, Machinist, Machinist (Marine), and Electronics Mechanic, in the Charleston, S.C., metropolitan area.

Appointees to these positions may be paid for the expenses of travel and transportation to their first duty station.

UNITED STATES CIVIL SERVICE COMMISSION,
[SEAL] MARY V. WENZEL,
Executive Assistant to the Commissioners.

[F.R. Doc. 65-8732; Filed, Aug. 18, 1965; 8:45 a.m.]

FEDERAL COMMUNICATIONS COMMISSION

[Docket No. 15997; FCC 65M-1067]

LAMPASAS BROADCASTING CORP. (KCYL)

Order Continuing Hearing

In re application of Lampasas Broadcasting Corp. (KCYL), Lampasas, Tex., Docket No. 15997, File No. BP-16383; for construction permit.

The Hearing Examiner having under consideration a "Petition to Revise Schedule of Dates" filed by Lampasas Broadcasting Corp., on August 10, 1965, requesting that the dates presently scheduled for this proceeding be postponed for a period of 30 days;

It appearing, that Lampasas Broadcasting Corp., and WACO Broadcasting Co., Respondent, have under consideration the preparation of a proposed agreement looking toward withdrawal by WACO of its Petition to Deny, consent by WACO to a grant of the Lampasas application without hearing, and agreement by Lampasas not to interpose objections under certain conditions to future efforts by WACO to improvement of its facilities, which if granted will make a comparative hearing in the above-entitled matter unnecessary; and

It further appearing, that counsel for the other parties have no objection to a grant of this petition, and that good cause for the grant thereof has been shown;

It is ordered, This 12th day of August 1965, that the aforesaid "Petition to Revise Schedule of Dates", be, and the same is, hereby granted; and that the following dates shall supersede those presently scheduled for further proceedings in this matter:

Exchange of exhibits presently scheduled for August 16, 1965, is rescheduled for September 16, 1965;

Exchange of rebuttal exhibits presently scheduled for September 24, 1965, is rescheduled for October 25, 1965;

Notification of witnesses presently scheduled for September 30, 1965, is rescheduled for November 1, 1965; and

Hearing presently scheduled for October 5, 1965, is continued to November 5, 1965.

Released: August 13, 1965.

FEDERAL COMMUNICATIONS COMMISSION,
[SEAL] BEN F. WAPLE,
Secretary.

[F.R. Doc. 65-8785; Filed, Aug. 18, 1965; 8:49 a.m.]

[Docket Nos. 16001—16003]

TELEVISION BROADCASTERS, INC. (KBMT) AND TEXAS GOLDCOAST TELEVISION, INC. (KPAC-TV)

Notice of Place of Hearing

In re applications of: Television Broadcasters, Inc. (KBMT), Beaumont, Tex., Docket No. 16001, File No. BPCT-3266; for construction permit; Television Broadcasters, Inc. (KBMT), Beaumont, Tex., Docket No. 16003, File No. BRCT-560; Texas Goldcoast Television, Inc. (KPAC-TV), Port Arthur, Tex., Docket No. 16002, File No. BRCT-389; for renewal of licenses.

The hearing on the above-entitled matter presently scheduled for Tuesday, September 21, 1965, will be held at 10 a.m. in the Directors Room, the First Security National Bank, Beaumont, Tex.

Released: August 16, 1965.

FEDERAL COMMUNICATIONS COMMISSION,
[SEAL] BEN F. WAPLE,
Secretary.

[F.R. Doc. 65-8786; Filed, Aug. 18, 1965; 8:49 a.m.]

[Docket No. 16128; FCC 65-747]

ULTRONIC SYSTEMS CORP. AND WESTERN UNION TELEGRAPH CO.

Memorandum Opinion and Order Instituting Investigation

In the matter of Ultronic Systems Corp., complainant v. the Western Union Telegraph Co., defendant; Docket No. 16128.

1. The Western Union Telegraph Co., on July 27, 1965, filed revised and new tariff pages designated 13th Revised Page 79, and 1st Revised Page 30D to the Western Union Telegraph Co.'s Tariff FCC No. 237. The proposed effective date of these tariff pages is August 15, 1965.

2. The proposed 13th Revised Page 79 would, inter alia, impose regulations and an $8.75 charge applicable to so-called "station arrangements." The proposed 1st Revised Page 30D would, inter alia, reduce the charge on "tickers" from $57.00 per month to $52.00 per month.[1]

3. The Ultronic Systems Corp., a company engaged in the business of dissemination and display of stock quotations to stock brokers, filed on July 20, 1965, a complaint against the proposed tariff charges in which it urges the Commission to institute an investigation and hearing thereof and that pending such hearing and decision on the issues the Commission suspend such tariff charges.

4. Ultronic, in support of its complaint, alleges that the "station arrangement" charge is unreasonable. Ultronic contends that the charge is an attempt by Western Union to impose charges against it for unneeded and superfluous equipment; and that the charge is grossly excessive. Ultronic also alleges that the combination of the "station arrangement" charge and the proposed reduction in the "ticker" charge discriminates against Ultronic and prefers its competitor, Trans-Lux.[2] Further, Ultronic contends that Western Union and Trans-Lux are operating a joint venture in competition with it, and that Western Union is attempting to use its tariffs to effect a disparity of carrier charges between Ultronic's services and similar services provided by the Trans-Lux-Western Union joint venture.

5. Western Union filed an answer to Ultrasonic's complaint on August 6, 1965. In the answer Western Union denies all of the pertinent allegations in Ultronic's complaint, and urges the Commission to dismiss the complaint. Western Union states that the station arrangements are necessary for technical reasons and that the new and revised charges are reasonable in light of costs.

6. The Commission is of the view that Ultronic's complaint presents substantial questions as to the lawfulness of the proposed "station arrangement" and "ticker" charges. For example, there is a question as to whether the "station arrangement" charge is necessary, and, if so, the reasonableness of such a charge. Moreover, there is a question as to whether or not the proposed charges result in preferential treatment to Trans-Lux and prejudicial treatment to Ultronic. In view of this, the Commission believes it desirable to enter upon a hearing concerning the lawfulness of such charges. Pending such hearing and decision thereon the Commission is of the opinion that the proposed tariff charges be suspended in order to avoid substantial injury to the public and to institute accounting procedures so as to enable the Commission to order refunds of amounts collected under such proposed charges, if warranted.

7. Although Ultronic's pleading is labeled as a "complaint" filed pursuant to section 208 of the Act, it does not seek damages or a determination of past unreasonableness and in substance is a petition for suspension and investigation. Accordingly, for procedural purposes, we are treating it as the latter.

Accordingly, it is ordered, That pursuant to the provisions of sections 201, 202, 204, 205, and 403 of the Communications Act of 1934, an investigation is instituted into the lawfulness of 13th Revised Page 79, and 1st Revised Page 30D of the Western Union Telegraph Co. Tariff FCC No. 237;

It is further ordered, That pursuant to the provisions of section 204 of the Communications Act of 1934, the aforementioned tariff pages are suspended until November 30, 1965, and, in the event that the proceedings herein are not terminated before such date, the Western Union Telegraph Co. shall, until further order of this Commission, keep accurate accounts of all amounts charged, collected, or received under the suspended tariff pages, specifying by whom and in whose behalf such amounts are paid;

It is further ordered, That, without in anyway limiting the scope of the investigation, it shall include consideration of the following:

(1) Whether the charges suspended are or will be unjust and unreasonable within the meaning of section 201(b);

(2) Whether the suspended charges will subject any person or class of persons to unjust or unreasonable discrimination, or give any undue or unreasonable preference or prejudice to any person, class of persons, or locality, within the meaning of section 202(a);

(3) If any of the suspended charges are found to be unlawful, whether the Commission should prescribe just and reasonable, nondiscriminatory and nonprejudicial charges for the service governed by the suspended charges and, if so, what charges should be prescribed;

It is further ordered, That a hearing be held in this proceeding at the Commission's offices in Washington, D.C., at a time to be specified; and that the examiner to be designated to preside at the hearing shall certify the record, without preparation of an initial or recommended decision, and the Chief of the Common Carrier Bureau shall thereafter issue a recommended decision which shall be subject to the submittal of exceptions and requests for oral argument as provided at 47 CFR 1.276 and 1.277 after which the Commission shall issue its decision as provided at 47 CFR 1.282;

It is further ordered, That the Western Union Telegraph Co. is made a party hereto, and that Ultronic Systems Corp. shall be granted leave to intervene upon the filing of a notice of intention to ap-

[1] These tariff pages were initially designated 12 Revised Page 79 and Original Page 30D, and were scheduled to become effective on Aug. 1, 1965. Subsequently, Western Union canceled those pages and filed revised pages which are scheduled to become effective Aug. 15, 1965.

[2] Both Ultronic and Trans-Lux provide means of viewing stock quotations in competition with each other.

pear and participate within 20 days of the release date of this Order.

Adopted: August 13, 1965.

Released: August 16, 1965.

FEDERAL COMMUNICATIONS COMMISSION,[2]
[SEAL] BEN F. WAPLE,
Secretary.

[F.R. Doc. 65-8787; Filed, Aug. 18, 1965; 8:49 a.m.]

[Docket Nos. 15795, 16119; FCC 65M-1072]

UNITED BROADCASTING CO., INC. (WOOK), AND BOWIE BROADCASTING CORP.

Order Scheduling Prehearing Conference

In re applications of: United Broadcasting Co., Inc. (WOOK), Washington, D.C., Docket No. 15795, File No. BR-1104; for renewal of license; Bowie Broadcasting Corp., Bowie, Md., Docket No. 16119, File No. BP-16397; for construction permit.

The recent consolidation of the Bowie application with the renewal application for Station WOOK prompts re-examination of the course already charted for the hearing.

On the Hearing Examiner's own motion, therefore: *It is ordered*, This 13th day of August 1965, that a further prehearing conference will be held on September 10, 1965, at 10 a.m., in Washington, D.C.

Released: August 16, 1965.

FEDERAL COMMUNICATIONS COMMISSION,
[SEAL] BEN F. WAPLE,
Secretary.

[F.R. Doc. 65-8788; Filed, Aug. 18, 1965; 8:49 a.m.]

[Docket Nos. 15868, 15869; FCC 65R-303]

WFLI, INC. (WFLI) AND NEWHOUSE BROADCASTING CORP. (WAPI)

Memorandum Opinion and Order Amending Issues

In re applications of WFLI, Inc. (WFLI), Lookout Mountain, Tenn., Docket No. 15868, File No. BMP-8439; has: 1070 kc, 1 kw, 10 kw-LS, DA-2, U, Class II-B, requests: 1070 kc, 1 kw, 50 kw-LS, DA-2, U, Class II-B; Newhouse Broadcasting Corp. (WAPI), Birmingham, Ala., Docket No. 15869, File No. BP-15259; has: 1070 kc, 5 kw, 50 kw-LS, DA-2, U, Class II-B, requests: 1070 kc, 5 kw, 50 kw-LS, DA-N, U, Class II-B; for construction permits.

1. The Review Board has before it two petitions filed by Newhouse Broadcasting Corp. (WAPI). In the one,[1] WAPI seeks a financial issue as to WFLI, Inc. (WFLI) and a partial deletion of an interference issue as to WAPI. In the other,[2] which is conditioned on a denial by the Board of the earlier request for partial deletion, WAPI seeks an interference issue as to WFLI.[3] For reasons hereinafter stated, the Board is (a) granting the request for a financial issue, (b) denying the request for partial deletion, and (c) granting the request for an interference issue as to WFLI.

Request for financial issue. 2. As the caption indicates, both WFLI and WAPI are existing cochannel stations seeking to expand their daytime coverage areas, WFLI by raising its daytime power, and WAPI by eliminating a daytime directional restriction. In its application, as finally amended prior to designation for hearing, WFLI indicated, to the extent here most pertinent, that its construction costs would total $4,000; accordingly, and pursuant to paragraph 2(b) of section 1 of the application form (FCC Form 301), it supplied no financial data beyond that called for in paragraph 1 of section III of the form.[4] In its reply pleading, following contentions in the WAPI petition that construction costs would approach or exceed $25,000, WFLI revised its estimates, and it now expects that its construction costs will total $9,460. In view of the sharp revision upward in WFLI's estimates, the obvious inaccuracy of its earlier estimates, the conflicting contentions present in the pleadings,[5] and a failure by WFLI to accompany its revision with all the data called for by section III of the form [notwithstanding that it no longer qualifies for the exemption provided in paragraph 2(b) of section 1], the Board believes that addition of a financial issue as to WFLI is clearly called for.[6]

Requests for partial deletion. 3. The third issue in the proceeding seeks, in part, to determine whether WAPI would cause interference to WDIA, Memphis, Tenn.; and if so, the nature and extent thereof and other relevant data. WAPI points out that at an earlier time (1953), when WAPI had pending an application for daytime nondirectional operation at 50 kw on 1070 kc, the Commission authorized WDIA's present facilities on the same frequency subject to a condition that WDIA accept any interference which might be caused by WAPI's proposed nondirectional operation at 50 kw. Notwithstanding that it later (1957) amended its application to specify directional daytime operation,[7] it contends that WDIA continues to have "no right to object * * * to the interference it was required to accept in order to obtain its own grant on 1070 kilocycles." WAPI requests the Board to delete from further consideration in the proceeding the issue of whether the WAPI proposal would cause objectionable interference to WDIA, and that WDIA, Inc., be removed as a party respondent in the proceeding.

4. The difficulty with WAPI's request, however, lies in the fact that the Commission has twice had before it the question of whether the 1953 condition was mooted by WAPI's 1957 amendment to specify directional operation, each time ruling against WAPI. See WFLI, Inc., FCC 65-182 (the order of designation herein, adopted Mar. 10, 1965), and Newhouse Broadcasting Corp., FCC 62-156, 22 RR 959. In effect, WAPI is asking the Board to overrule the Commission on a point as to which the Commission has twice expressed itself, and this the Board is without authority to do. Moreover, aside from the question of WDIA's right to assert the interference it would suffer as a matter of disqualification, the data called for by the issue is clearly relevant to the ultimate 307(b) determination between WAPI and WFLI. For the foregoing reasons, the request for partial deletion must be denied.

Request for interference issue as to WFLI. 5. The facts here may be briefly stated: In Fleet Enterprises, FCC 65-180, 4 RR 2d 708 (also adopted Mar. 10, 1965), the Commission granted an application by Fleet for a new standard broadcast station (WHYZ) to operate daytime only, at 50 kw and with a directional antenna, on 1070 kc, the same frequency utilized by WFLI, WAPI and WDIA. The engineering showings accepted by the Commission showed that WFLI would interfere with WHYZ in an amount less than ten percent of population, and the grant was conditioned on WHYZ's acceptance of the interference should WFLI's application be granted. WFLI had urged that if its own application could not be granted simultaneously, the WHYZ application should be consolidated for hearing with WFLI's and WAPI's. In granting WHYZ, the Commission indi-

[2] Commissioners Hyde, Acting Chairman, Lee and Cox acting as a board.

[1] "Petition to Modify Issues," filed on Apr. 1, 1965. The Commission's Broadcast Bureau filed comments on the petition on Apr. 28, 1965. Oppositions were filed by WFLI and WDIA, Inc. (WDIA) (an interference-respondent) on Apr. 29, 1965, and May 3, 1965, respectively. WAPI replied to the responsive pleadings on May 13, 1965, filing errata to the reply on the following day.

[2] "Petition for Review of Hearing Examiner's Ruling or, Alternatively, for Modification of the Issues," filed on Apr. 28, 1965. An opposition by WFLI, comments by the Broadcast Bureau and a reply by WAPI were filed on May 4, 14, and 26, 1965, respectively. WAPI's petition was not timely filed; however, WFLI agrees that the total circumstances justify a treatment of the petition as timely, and the Broadcast Bureau appears to share this view.

[3] WAPI's reply of May 26, 1965, concedes that certain procedural defects lie with respect to the alternative request for review of Hearing Examiner's ruling, and withdraws the request. Accordingly, the petition is treated here simply as a petition to enlarge issues.

[4] The pertinent provision of paragraph 2(b) reads as follows: "If contemplated expenditures are less than $5,000, complete paragraph 1 of section III only."

[5] For example, WFLI has allowed $1,250 for modification of existing phasing gear, while WAPI's engineering consultant sets phasing costs at $15,000 because of his doubts that WFLI's existing phasing gear is suitable for operation at 50 kilowatts. The engineering statement attached to WFLI's pleading does not address itself to the foregoing question.

[6] Although WAPI originally requested an elaborate financial issue, its reply states that "WFLI's opposition appears to answer, in part, the substantial questions posed by its application," and requests the Board to take whatever action "appears warranted in connection with the matter of the financial qualifications of WFLI, Inc." In the Board's view, the standard financial issue is appropriate and sufficient.

[7] The amended application was granted in 1958.

cated that it was "aware of the fact that a grant of the Fleet Enterprises application might tend to weaken WFLI's competitive position vis-a-vis the pending application of the Newhouse Broadcasting Corporation." The designation order in this proceeding, however, does not specify an issue contemplating the WFLI-to-WHYZ interference, and the WAPI request is that one be added by the Board.

6. To add the issue is not only consistent with the Commission statement quoted above, it, like the WAPI-to-WDIA interference, is an essential element in a complete 307(b) comparison between WAPI and WFLI. WFLI's reliance on Columbia River Broadcasters, Inc., 32 FCC 761, 23 RR 297 (1961), is misplaced; applied to this proceeding, the cited case stands only for the proposition that the WFLI-to-WHYZ interference may not be asserted as a matter of basic disqualification. Although WFLI objected to a nonsimultaneous grant to WHYZ, it did not appeal therefrom. Accordingly, that grant is final, and it must be considered in the ultimate determinations as to WFLI's application. See Sayger Broadcasting Co. v. FCC, 312 F. 2d 352, 24 RR 2051 (1962).

In accordance with the foregoing: *It is ordered*, This 12th day of August 1965:

(a) That the "Petition to Modify Issues" filed by Newhouse Broadcasting Corp., on April 1, 1965, is granted to the extent that it requests a financial issue as to WFLI, Inc., and is denied in all other respects;

(b) That the "Petition for Review of Hearing Examiner's Ruling, or Alternatively, for Modification of the Issues," filed by Newhouse Broadcasting Corp. on April 28, 1965, is granted to the extent that it requests an interference issue as to WFLI, Inc., and is dismissed in all other respects; and

(c) That the issues in this proceeding are enlarged by the addition of the following issues:

To determine whether WFLI, Inc., is financially qualified to construct and operate as proposed in its application.

To determine whether the proposal of WFLI, Inc., would cause objectionable interference to existing Station WHYZ, Greenville, S.C., or any other existing broadcast stations, and, if so, the nature and extent thereof, the areas and populations affected thereby, and the availability of other primary service to such areas and populations.

Released: August 13, 1965.

FEDERAL COMMUNICATIONS COMMISSION,
[SEAL] BEN F. WAPLE,
Secretary.

[F.R. Doc. 65-8789; Filed, Aug. 18, 1965; 8:49 a.m.]

FEDERAL MARITIME COMMISSION

[Docket No. 65-31]

OVERLAND AND OCP RATES AND ABSORPTIONS

Notice of Investigation and Hearing

The carriers or conferences of carriers named in appendixes A and B respectively maintain special rates on cargo carried in U.S. foreign commerce which passes through specified terminal ports on the Pacific Coast of the continental United States which is destined to or received from inland points located generally in the states of North Dakota, South Dakota, Nebraska, Colorado, New Mexico, and States east thereof. These special rates, normally denominated as "overland" or "overland common point" (OCP) are lower than the rates which otherwise apply for the movement of similar cargoes carried between the same Pacific Coast terminal ports and foreign ports.

In addition, certain of the carriers or conferences of carriers named in appendixes A and B, respectively, absorb specified terminal charges or portions thereof in connection with cargoes moving to or from the above-defined overland/OCP area.

The Board of Commissioners of the port of New Orleans, Lake Charles Harbor and Terminal Districts, Board of Trustees of the Galveston Wharves, the Port of New York Authority, the North Atlantic Ports Association, Alabama State Docks Department, Houston Port Bureau and the Virginia State Ports Authority have protested the use of overland and OCP rates and absorptions, on the grounds that said rates and absorptions result from unfiled and unapproved agreements and are per se unlawfully discriminatory, and that these rates and absorptions unfairly prejudice certain shippers and Atlantic and gulf coast ports.

Upon consideration of the above protests and the information now in its possession, the Commission is of the opinion that such rates and absorptions should be made the subject of a public investigation and hearing to determine whether such rates and absorptions and agreements as may relate thereto are lawful under the Shipping Act, 1916.

Now therefore it is ordered, That pursuant to sections 15, 16, 17, 18(b) and 22, Shipping Act, 1916 (46 U.S.C. § 821), an investigation be, and it is hereby instituted into and concerning overland and OCP rates and absorptions with a view to making such findings and orders in the premises as the facts and circumstances shall warrant;

It is further ordered, That the investigation determine whether any agreements between the carriers or conferences of carriers named as respondents regarding overland or OCP rates and absorptions have not been filed and approved by the Commission as required by section 15; whether there exist any agreements between respondents to execute agreements with inland carriers, freight forwarders, or shipper associations concerning overland or OCP rates and absorptions which have not been filed and approved by the Commission as required by section 15; and whether every agreement respecting overland and OCP rates and absorptions, whether or not previously approved, should for the future be approved, disapproved, canceled or modified pursuant to the standards of section 15.

It is further ordered, That the investigation shall determine whether all provisions for the granting of overland or OCP rates and absorptions have been filed with the Commission and set forth in public tariffs as required by section 18(b)(1) of the act and adhered to as required by section 18(b)(3) of the act.

It is further ordered, That the investigation shall determine whether the collection of any overland or OCP rates or the absorption of any terminal charge gives any undue or unreasonable preference or advantage to any particular person, locality, or description of traffic, or subjects any particular person, locality or description of traffic to any undue or unreasonable prejudice or disadvantage in violation of section 16 first; whether the collection of such charges are unjustly discriminatory between shippers and ports in violation of section 17; or whether the collection of such charges allows any person to obtain transportation of property at less than the regular rates or charges then established by an unjust or unfair device or means in violation of section 16 second.

It is further ordered, That the investigation herein ordered be assigned for public hearing by the Chief Examiner, before an examiner of the Commission's Office of Hearing Examiners, at a date and a place to be announced; the carriers listed in Annex A and the conferences of carriers listed in Annex B attached, all of whom have filed, or participate in tariffs filed with this Commission providing for overland or OCP rates or absorptions, are hereby made respondents to this proceeding; a copy of this order shall forthwith be served upon respondents; the said respondents shall be duly notified of the time and place of the hearing herein ordered; and this order and notice of the said hearing be published in the FEDERAL REGISTER.

All persons (including individuals, corporations, associations, firms, partnerships, and public bodies) having an interest in this proceeding and desiring to intervene therein, should file petitions for leave to intervene with the Secretary of the Commission by September 2, 1965, with copy to respondents.

By the Commission.

[SEAL] THOMAS LISI,
Secretary.

APPENDIX A

American Mail Line, Ltd., 17 Battery Place, New York 4, N.Y.
American Marine Lines, Pacific Steamship Agency, Agents, 408 South Spring Street, Los Angeles, Calif., 90013
American President Lines, Ltd., 29 Broadway, New York 6, N.Y.
American Export Isbrandtsen Lines, Inc., 26 Broadway, New York 6, N.Y.
Barber-Wilhelmsen Line—Joint Service, Barber Steamship Lines, Inc., General Agents, 17 Battery Place, New York, N.Y., 10004
Ben Line Steamers, Ltd. (The), 10 North Saint David Street, Edinburgh 2, Scotland
Central Gulf Steamship Corp., 1 Whitehall Street, New York, N.Y., 10004
Chinese Maritime Trust, Ltd. (Orient Overseas Line), Thor Eckert & Co., Inc., General Agents, 19 Rector Street, New York 6, N.Y.
Compagnie Maritime Des Chargeurs Reunis, Black Diamond Steamship Co., General Agents, 2 Broadway, New York, N.Y., 10004
De La Rama Lines—Joint Service, Punch, Edye & Co., Inc., Agents, 25 Broadway, New York, N.Y., 10004

East Asiatic Co., Ltd. (a/s Det Ostasiatiska Kompagnie), A. L. Burbank & Co., Agents, 120 Wall Street, New York 5, N.Y.
Fern Line—Joint Service, Fearnley & Eger, Inc., 39 Broadway, New York, N.Y., 10006
Fern-Ville Lines—Fearnley & Eger and A. F. Klaveness—Joint Service, Fearnley & Eger, Inc., General Agents, 39 Broadway, New York, N.Y., 10006
Hamburg-Suedamerikanische Dampfschiffahrts-Gesellschaft Eggert & Amsinck (Columbus Line), 26 Broadway, New York, N.Y., 10004
Isthmian Lines, Inc., States Marine-Isthmian Agency, Inc., 90 Broad Street, New York, N.Y., 10004
Japan Line, Ltd., A. L. Burbank & Co., General Agents, 120 Wall Street, New York 5, N.Y.
Jayanti Shipping Co., Ltd., Boyd, Weir & Sewell, Inc., 17 Battery Place, New York 4, N.Y.
Kawasaki Kisen Kaisha, Ltd. (K Line), Kerr Steamship Co., Inc., General Agents, 51 Broad Street, New York, N.Y., 10004
Klaveness Line—Joint Service, Barber Steamship Lines, Inc., General Agents, 17 Battery Place, New York, N.Y., 10004
Knutsen Line—Joint Service, Boyd, Weir & Sewell, Inc., 17 Battery Place, New York 17, N.Y.
Marchessini Line—Joint Service, P.D. Marchessini & Co., Inc., 2C Broadway, New York, N.Y., 10004
Maritime Co. of the Philippines, North American Maritime Agencies, General Agents, 26 Broadway, New York 4, N.Y.
Mitsui O.S.K. Lines, Ltd., 17 Battery Place New York 4, N.Y.
Moller-Maersk Lines (A.P.)—Joint Service, Moller Steamship Co., Inc., 67 Broad Street, New York 4, N.Y.
National Development Co. (Philippine National Lines), North American Maritime Agencies, General Agents, 26 Broadway, New York 4, N.Y.
Navargo Shipping Co., S.A., Compass Agencies, Inc., 24 State Street, New York 4, N.Y.
Nedlloyd & Hoegh Line—Joint Service, Nedlloyd Lines Inc., Agent, 25 Broadway, New York, N.Y., 10004
Nippon Yusen Kaisha, Ltd., 25 Broadway, New York, N.Y., 10004
Oceanic Steamship Co., Matson Navigation Co., Managing Agents, 630 Fifth Avenue, New York, N.Y., 10020
Orient Steam Navigation Co., Ltd., Union Steam Ship Co. of New Zealand, Ltd., Principal Agents, 230 California Street, San Francisco, Calif., 94111
P & O Orient Lines—Joint Service, Union Steam Ship Co. of New Zealand, Ltd., Agents, 230 California Street, San Francisco, Calif., 94111
Pacific Far East Line, Inc., 1 Broadway, New York, N.Y., 10004
Pacific Islands Transport Line (Thor Dahls Havlfangerselskap a/s), Texas Transport & Terminal Co., Inc., Agents, 52 Broadway, New York, N.Y., 10004
Showa Shipping Co., Ltd., F.W. Hartmann & Co., Inc., General Agents, 120 Wall Street, New York, N.Y., 10005
Splosna Plovba (United Yugoslav Lines), Monitor Steamship Agency, Inc., General Agents, 2 Pine Street, San Francisco 11, Calif.
States Marine Lines—Joint Service, States Marine-Isthmian Agency, Inc., 90 Broad Street, New York, N.Y., 10004
States Steamship Co., 320 California Street, San Francisco, Calif., 94104
Taiwan Navigation Co., Ltd., Mr. Teh Chen Tsai, Traffic Manager, 6 Chungking Roda (South) First Section, Taipei, Taiwan
Transatlantic Steamship Co., Ltd., General Steamship Corp., Ltd., Agents, 1 Bush Street, San Francisco, Calif.
Union Steamship Co. of New Zealand, Ltd., 230 California Street, San Francisco, Calif., 94111
United Philippine Lines, Inc., Stockard Shipping Co., Inc., 17 Battery Place, New York, N.Y., 10004
United States Lines Co. (American Pioneer Line), 1 Broadway, New York, N.Y., 10004
Waterman Steamship Corp., 310 Sansome Street, San Francisco, Calif.
Wilh. Wilhelmsen Interests—Joint Service, Barber Steamship Lines, Inc., Agents, 17 Battery Place, New York 4, N.Y.
Yamashita-Shinnihon Steamship Co., Ltd., Texas Transport & Terminal Co., Inc., Agents, 52 Broadway, New York, N.Y., 10004
Zim Israel Navigation Co., Ltd., Mediterranean Agencies, Inc., 42 Broadway, New York, N.Y., 10004

APPENDIX B

Pacific/Indonesian Conference, R. E. Spaulding, Secretary, 635 Sacramento Street, San Francisco, Calif., 94111
Pacific/Straits Conference, R. E. Spaulding, Secretary, 635 Sacramento Street, San Francisco, Calif., 94111
Pacific Westbound Conference, W. C. Galloway, Chairman, 465 California Street, San Francisco, Calif., 94104
Australia, New Zealand and South Sea Islands/Pacific Coast Conference, W. C. Galloway, Chairman, J. A. Harper, Secretary, 465 California Street, San Francisco, Calif., 94104
Philippines-North America Conference, E. H. Bosch, Secretary/Manager, Post Office Box 1376, Manila, Philippines
Straits/Pacific Conference, James C. Pendleton, General Secretary, 11 Broadway, New York, N.Y., 10004
Trans-Pacific Freight Conference (Hong Kong), D. Parker, Chairman/Secretary, 1508 Hang Seng Bank Building, 77 Des Voeux Road Central, Hong Kong, B.C.C.
Trans-Pacific Freight Conference (Japan), D. P. Gillette, Chairman, Kindai Building, 11, 3-Chome Kyobashi Chuo Ku, Tokyo, Japan

[F.R. Doc. 65-8734; Filed, Aug. 18, 1965; 8:45 a.m.]

U.S. ATLANTIC AND GULF/AUSTRALIA-NEW ZEALAND CONFERENCE AND EASTERN CANADA/AUSTRALIA-NEW ZEALAND CONFERENCE

Notice of Agreement Filed for Approval

Notice is hereby given that the following agreement has been filed with the Commission for approval pursuant to section 15 of the Shipping Act, 1916, as amended (39 Stat. 733, 75 Stat. 763, 46 U.S.C. 814).

Interested parties may inspect and obtain a copy of the agreement at the Washington office of the Federal Maritime Commission, 1321 H Street NW., Room 301; or may inspect agreements at the offices of the District Managers, New York, N.Y., New Orleans, La., and San Francisco, Calif. Comments with reference to an agreement including a request for hearing, if desired, may be submitted to the Secretary, Federal Maritime Commission, Washington, D.C., 20573, within 20 days after publication of this notice in the FEDERAL REGISTER. A copy of any such statement should also be forwarded to the party filing the agreement (as indicated hereinafter) and the comments should indicate that this has been done.

Notice of agreement filed for approval by:

Mr. Elmer C. Maddy, Kirlin, Campbell & Keating, 120 Broadway, New York, N.Y., 10005

Agreement 9482 is a proposed joint conference agreement between the member lines of the U.S. Atlantic and Gulf/Australia-New Zealand Conference (F.M.C. Agreement 6200, as amended) and the member lines of the Eastern Canada/Australia-New Zealand Conference which would permit (1) the parties to maintain the same rates and similar conditions of carriage on all cargoes carried from and to ports covered by the scope of their respective conference agreements; equating, as "far as possible" Canadian Atlantic and St. Lawrence ports with those of the U.S. Atlantic and Gulf, and Canadian Great Lakes ports with those of the U.S. Great Lakes; (2) confer and agree as to proposed alterations of existing rates and conditions, subject to the exercise of independent action; (3) that "freight contracts" concluded by either conference will contain provisions to require merchant signatories to confine their shipments to vessels of the other conference in the event merchant's cargoes are transported through the geographical range of the other conference; the elimination of rate competition between each for the sole purpose of inducing American shippers to ship via Canadian ports, and vice versa.

Dated: August 16, 1965.

By order of the Federal Maritime Commission.

THOMAS LISI,
Secretary.

[F.R. Doc. 65-8778; Filed, Aug. 18, 1965; 8:48 a.m.]

U.S. ATLANTIC AND GULF/AUSTRALIA-NEW ZEALAND CONFERENCE

Notice of Agreement Filed for Approval

Notice is hereby given that the following agreement has been filed with the Commission for approval pursuant to section 15 of the Shipping Act, 1916, as amended (39 Stat. 733, 75 Stat. 763, 46 U.S.C. 814).

Interested parties may inspect and obtain a copy of the agreement at the Washington office of the Federal Maritime Commission, 1321 H Street NW., Room 301; or may inspect agreement at the offices of the District Managers, New York, N.Y., New Orleans, La., and San Francisco, Calif. Comments with reference to an agreement including a request for hearing, if desired, may be submitted to the Secretary, Federal Maritime Commission, Washington, D.C., 20573, within 20 days after publication of this notice in the FEDERAL REGISTER. A copy of any such statement should also be forwarded to the party filing the

agreement (as indicated hereinafter) and the comments should indicate that this has been done.

Notice of agreement filed for approval by:

Mr. Elmer C. Maddy, Kirlin, Campbell & Keating, 120 Broadway, New York, N.Y., 10005

Agreement 6200–12, between the member lines of the U.S. Atlantic and Gulf/Australia-New Zealand Conference (Agreement 6200, as amended), modifies the basic agreement of that conference by adding certain language to article 2 thereof which would (1) allow the Secretary, on behalf of the member lines, to enter into rate maintenance agreements with lines operating from Canadian ports (exclusive of Canadian Pacific Coast ports) to ports of destination within the scope of the conference; (2) require all U.S. Atlantic and Gulf/Australia-New Zealand freight contracts to conform to the provisions of such rate maintenance agreements; (3) require conference members who load cargo in Canada, and are not members of the Eastern Canada/Australia & New Zealand Conference, to maintain conference rates for cargo moving out of New York for the same destinations, provided that cargo from Canadian Great Lakes ports will be charged rates in effect from U.S. Great Lakes ports.

Dated: August 16, 1965.

By order of the Federal Maritime Commission.

THOMAS LISI,
Secretary.

[F.R. Doc. 65–8779; Filed, Aug. 18, 1965; 8:48 a.m.]

NORTH ATLANTIC PORTUGAL FREIGHT CONFERENCE

Notice of Agreement Filed for Approval

Notice is hereby given that the following agreement has been filed with the Commission for approval pursuant to section 15 of the Shipping Act, 1916, as amended (39 Stat. 733, 75 Stat. 763, 46 U.S.C. 814).

Interested parties may inspect and obtain a copy of the agreement at the Washington office of the Federal Maritime Commission, 1321 H Street NW., Room 301; or may inspect agreement at the offices of the District Managers, New York, N.Y., New Orleans, La., and San Francisco, Calif. Comments with reference to an agreement including a request for hearing, if desired, may be submitted to the Secretary, Federal Maritime Commission, Washington, D.C., 20573, within 20 days after publication of this notice in the FEDERAL REGISTER. A copy of any such statement should also be forwarded to the party filing the agreement (as indicated hereinafter) and the comments should indicate that this has been done.

Notice of agreement filed for approval by:

Mr. P. J. Warmstein, Chairman, North Atlantic Portugal Freight Conference, 26 Broadway, New York, N.Y., 10004.

Agreement No. 9293–1 between the member lines of the North Atlantic Portugal Freight Conference operating in the trade area from U.S. North Atlantic ports in the Hampton Roads/Maine Range direct or via transhipment to Portuguese Atlantic ports, modifies the Admission, Withdrawal and Expulsion provisions of the basic agreement to conform to General Order 9 (46 CFR Part 523).

Dated: August 16, 1965.

By order of the Federal Maritime Commission.

THOMAS LISI,
Secretary.

[F.R. Doc. 65–8780; Filed, Aug. 18, 1965; 8:48 a.m.]

STATES MARINE LINES, INC., ET AL.

Notice of Agreement Filed for Approval

Notice is hereby given that the following agreement has been filed with the Commission for approval pursuant to section 15 of the Shipping Act, 1916, as amended (39 Stat. 733, 75 Stat. 763, 46 U.S.C. 814).

Interested parties may inspect and obtain a copy of the agreement at the Washington office of the Federal Maritime Commission, 1321 H Street NW., Room 301; or may inspect agreement at the offices of the District Managers, New York, N.Y., New Orleans, La., and San Francisco, Calif. Comments with reference to an agreement including a request for hearing, if desired, may be submitted to the Secretary, Federal Maritime Commission, Washington, D.C., 20573, within 20 days after publication of this notice in the FEDERAL REGISTER. A copy of any such statement should also be forwarded to the party filing the agreement (as indicated hereinafter) and the comments should indicate that this has been done.

Notice of agreement filed for approval by:

Mr. A. B. Gilman, Traffic Manager, Lykes Bros. Steamship Co., Inc., 1770 Tchoupitoulas Street, Post Office Box 50998, New Orleans, La., 70150.

Agreement No. 9483 between States Marine Lines, Inc., Global Bulk Transport, Inc. and Lykes Bros. Steamship Co., Ltd., covers a through billing arrangement between ports in Hong Kong, Japan, Ryukyus Islands, and Taiwan; and ports on the gulf coast in the United States with transhipment at Japan. Through rates applicable are as set forth in various conference tariffs in which both parties participate, and revenue derived will be apportioned as set forth in the agreement.

Dated: August 16, 1965.

By order of the Federal Maritime Commission.

THOMAS LISI,
Secretary.

[F.R. Doc. 65–8781; Filed, Aug. 18, 1965; 8:48 a.m.]

CITY OF ANCHORAGE AND SEA-LAND SERVICE, INC.

Notice of Agreement Filed for Approval

Notice is hereby given that the following agreement has been filed with the Commission for approval pursuant to section 15 of the Shipping Act, 1916, as amended (39 Stat. 733, 75 Stat. 763, 46 U.S.C. 814).

Interested parties may inspect and obtain a copy of the agreement at the Washington office of the Federal Maritime Commission, 1321 H Street NW. Room 301; or may inspect agreements at the offices of the District Managers, New York, N.Y., New Orleans, La., and San Francisco, Calif. Comments with reference to an agreement including a request for hearing, if desired, may be submitted to the Secretary, Federal Maritime Commission, Washington, D.C., 20573, within 20 days after publication of this notice in the FEDERAL REGISTER. A copy of any such statement should also be forwarded to the party filing the agreement (as indicated hereinafter), and the comments should indicate that this has been done.

Notice of agreement filed for approval by:

Sea-Land Service, Inc., Post Office Box 1050, Elizabeth, N.J.

Agreement No. T–1685–A–1 between city of Anchorage (Anchorage) and Sea-Land Service, Inc. (Sea-Land) modifies the basic agreement which provides for a 10-year lease of certain property in Anchorage, Alaska, for the parking or storing of tractors, trailers, chassis, etc., and as a marshalling area for cargo in connection with Sea-Land's maritime business. The purpose of the modification is to increase the land area covered by the basic agreement. Rental will be a fixed annual amount plus utilities, taxes, and special assessments.

Dated: August 16, 1965.

By order of the Federal Maritime Commission.

THOMAS LISI,
Secretary.

[F.R. Doc. 65–8782; Filed, Aug. 18, 1965; 8:48 a.m.]

U.S. ATLANTIC AND GULF/AUSTRALIA-NEW ZEALAND CONFERENCE

Notice of Petition Filed for Approval

Notice is hereby given that the following petition has been filed with the Commission for approval pursuant to section 14b of the Shipping Act, 1916, as amended (75 Stat. 762, 46 U.S.C. 814).

Interested parties may inspect a copy of the current contract form and of the petition, reflecting the changes proposed to be made in the language of said contract, at the Washington office of the Federal Maritime Commission, 1321 H Street NW., Room 301; or at the offices of the District Managers, New York, N.Y., New Orleans, La., and San Francisco, Calif. Comments with reference to the

proposed changes and the petition, including a request for hearing, if desired, may be submitted to the Secretary, Federal Maritime Commission, Washington, D.C., 20573, within 20 days after publication of this notice in the FEDERAL REGISTER. A copy of any such statement should also be forwarded to the party filing the petition (as indicated hereinafter), and the comments should indicate that this has been done.

Notice of agreement filed for approval by:

Mr. Elmer C. Maddy, Kirlin, Campbell & Keating, 120 Broadway, New York, N.Y., 10005

Agreement DR6200-1, between the member lines of the U.S. Atlantic and Gulf/Australia-New Zealand Conference (Agreement 6200, as amended), modifies the approved form of exclusive patronage (dual rate) contract of that conference by adding the following language to the first paragraph of article 2 therof, to wit:

In the event the merchant routes any of his ocean shipments to areas covered by the scope of the agreement via Canadian ports covered by the Eastern Canada/Australia & New Zealand Conference, the merchant undertakes to confine such shipments to carriers which are members of that conference, provided that such carriers shall apply the same rates and conditions as are available to signatories to the Merchant's Rate Agreement of the Eastern Canada/Australia & New Zealand Conference.

Dated: August 16, 1965.

By order of the Federal Maritime Commission.

THOMAS LISI,
Secretary.

[F.R. Doc. 65-8783; Filed, Aug. 18, 1965; 8:48 a.m.]

FEDERAL POWER COMMISSION

[Docket No. CI62-989, etc.]

KERR-McGEE OIL INDUSTRIES, INC., ET AL.

Findings and Order After Statutory Hearing

AUGUST 10, 1965.

Each Applicant herein has filed an application pursuant to section 7(c) of the Natural Gas Act for a certificate of public convenience and necessity or to amend an order issuing a certificate authorizing the sale for resale and delivery of natural gas in interstate commerce, all as more fully set forth in the applications.

Applicants have filed FPC gas rate schedules and supplements to FPC gas rate schedules for the subject service. These have heretofore been accepted for filing. All sales certificated herein involve sales for which permanent certificates have been previously issued or are either equal to or below the ceiling prices established by the Commission's Statement of General Policy 61-1, as amended, except for possible proportionate adjustment for variations in B.t.u. content content above or below 1,000 B.t.u. per cubic foot. Such adjustments have been found to be in the public interest for the pricing areas involved herein in the proceeding in Texaco, Inc., et al., Docket No. G-8087, et al. (Opinion No. 464, issued June 10, 1965).

Applicants in Docket Nos. CI64-533 and CI64-766 propose to continue in part sales of natural gas heretofore authorized in Docket Nos. G-13295 and G-4309, respectively. Accordingly, the orders issuing certificates to the predecessors in interest in the latter dockets will be amended by deleting therefrom authorization to sell natural gas from the assigned acreage.

Applicant in Docket No. CI64-533 proposes to sell natural gas at a rate of 16.0 cents per Mfc at 14.65 p.s.i.a. plus B.t.u. adjustment. At the time of the assignment of the producing properties to Applicant, Applicant's predecessor in interest was authorized to sell natural gas from the subject acreage at 15.0 cents per Mcf. In conformity with the Commission's policy of placing a successor in the same rate position as its predecessor, the sale proposed in Docket No. CI64-533 will be authorized at the 15.0-cent rate.

Applicant in Docket No. CI64-766 proposes to sell natural gas at a rate of 17.0 cents per Mcf at 14.65 p.s.i.a. plus B.t.u. adjustment. At the time of the assignment of the producing properties to Applicant from which sales were heretofore authorized, Applicant's predecessor in interest was authorized to sell natural gas at 16.0 cents per Mcf subject to refund in Docket No. RI60-230.[1] In conformity with the Commission's policy of placing a successor in the same rate position as its predecessor, the sale proposed in Docket No. CI64-766 will be authorized at the 16.0-cent rate for gas from the assigned acreage and at the 17.0-cent rate for gas from the new acreage. Applicant will be joined as corespondent in the proceeding pending in Docket No. RI60-230, said proceeding will be redesignated accordingly, and Applicant will be required to file an agreement and undertaking to assure the refund of any amount collected by it pursuant to the 16.0-cent rate in excess of the amount determined to be just and reasonable in Docket No. RI60-230.

After due notice no petitions to intervene, notices of intervention or protests to the granting of the applications have been received.

At a hearing held on August 5, 1965, the Commission received and made a part of the record in this proceeding all evidence, including the applications, as supplemented, and exhibits thereto, submitted in support of the authorizations sought, and upon consideration of the record,

The Commission finds:

(1) Each Applicant herein is a "natural-gas company" within the meaning of the Natural Gas Act as heretofore found by the Commission or will be engaged in the sale of natural gas in interstate commerce for resale for ultimate public consumption, subject to the jurisdiction of the Commission, and will, therefore, be a "natural-gas company" within the meaning of the Natural Gas Act upon commencement of service under the authorizations hereinafter granted.

(2) The sales of natural gas hereinbefore described, as more fully described in the respective applications, as supplemented, herein, will be made in interstate commerce subject to the jurisdiction of the Commission, and such sales by Applicants, together with the construction and operation of any facilities subject to the jurisdiction of the Commission necessary therefor, are subject to the requirements of subsections (c) and (e) of section 7 of the Natural Gas Act.

(3) Applicants are able and willing properly to do the acts and to perform the service proposed and to conform to the provisions of the Natural Gas Act and the requirements, rules, and regulations of the Commission thereunder.

(4) The sales of natural gas by Applicants, together with the construction and operation of any facilities subject to the jurisdiction of the Commission necessary therefor, are required by the public convenience and necessity, and certificates therefor should be issued as hereinafter ordered and conditioned.

(5) It is necessary and appropriate in carrying out the provisions of the Natural Gas Act and the public convenience and necessity require that the order issuing a certificate in Docket No. CI62-989 should be amended by authorizing the sale of natural gas from additional acreage.

(6) It is necessary and appropriate in carrying out the provisions of the Natural Gas Act and the public convenience and necessity require that the orders issuing certificates in Docket Nos. G-4309 and G-13295 for sales of natural gas from acreage assigned to Applicants herein should be amended by deleting therefrom authorization to make sales from said assigned acreage.

(7) It is necessary and appropriate in carrying out the provisions of the Natural Gas Act that Ambassador Oil Co. (Operator), et al., should be joined as corespondent in the proceeding pending in Docket No. RI60-230, that said proceeding should be redesignated accordingly, and that Ambassador should be required to file an agreement and undertaking.

The Commission orders:

(A) Certificates of public convenience and necessity are issued, upon the terms and conditions of this order, authorizing the sales by Applicants of natural gas in interstate commerce for resale, together with the construction and operation of any facilities subject to the jurisdiction of the Commission necessary therefor, as hereinbefore described and as more fully described in the respective applications.

(B) The certificates granted in paragraph (A) above are not transferable and shall be effective only so long as Applicants continue the acts or operations hereby authorized in accordance with the provisions of the Natural Gas Act and

[1] Consolidated with Docket No. AR64-1, et al.

the applicable rules, regulations, and orders of the Commission.

(C) The grant of the certificates issued in paragraph (A) above shall not be construed as a waiver of the requirements of section 4 of the Natural Gas Act or of Part 154 or Part 157 of the Commission's regulations thereunder, and is without prejudice to any findings or orders which have been or may hereafter be made by the Commission in any proceeding now pending or hereafter instituted by or against the respective Applicants. Further, our action in this proceeding shall not foreclose nor prejudice any future proceedings or objections relating to the operation of any price or related provisions in the gas purchase contracts herein involved. Nor shall the grant of the certificates aforesaid for service to the particular customers involved imply approval of all of the terms of the respective contracts, particularly as to the cessation of service upon termination of said contracts, as provided by section 7(b) of the Natural Gas Act. Nor shall the grant of the certificates aforesaid be construed to preclude the imposition of sanctions pursuant to the provisions of the Natural Gas Act for the unauthorized commencement of any sales of natural gas subject to said certificates.

(D) The certificate in Docket No. CI65–1170 is issued upon the condition that no increase in rate shall be filed prior to January 1, 1968, at any price which would exceed the ceiling prescribed for the given area by paragraph (d) of the Commission's Statement of General Policy 61–1, as amended.

(E) The orders issuing certificates in Docket Nos. G–4309 and G–13295 are amended by deleting therefrom authorization to sell natural gas from acreage assigned to Applicants in Docket Nos. CI64–766 and CI64–533, respectively, and in all other respects said orders shall remain in full force and effect.

(F) The order issuing a certificate in Docket No. CI62–989 is amended by adding thereto authorization to sell natural gas from additional acreage, and in all other respects said order shall remain in full force and effect.

(G) The sales authorized in Docket Nos. CI64–533 and CI64–766 from acreage from which sales were heretofore authorized in Docket Nos. G–13295 and G–4309, respectively, shall be made at the rate of 15.0 cents per Mcf at 14.65 p.s.i.a. Plus B.t.u. adjustment and at the rate of 16.0 cents per Mcf at 14.65 p.s.i.a. plus B.t.u. adjustment and subject to refund in Docket No. RI60–230, respectively. Sales from new acreage in Docket No. CI64–766 shall be made at a rate of 17.0 cents per Mcf at 14.65 p.s.i.a. plus B.t.u. adjustment.

(H) Ambassador Oil Co. (Operator), et al., is joined as corespondent in the proceeding pending in Docket No. RI60–230, and said proceeding is redesignated accordingly.[3]

(I) Within 30 days from the issuance of this order Ambassador Oil Co. (Operator), et al., shall execute, in the form set out below, and shall file with the Secretary of the Commission an acceptable agreement and undertaking in Docket No. RI60–230 to assure the refund of any amount collected by it, together with interest at the rate of seven percent per annum, in excess of the amount determined to be just and reasonable in said proceeding, with respect to sales of natural gas by Ambassador from acreage acquired from Ashland Oil & Refining Co. Unless notified to the contrary by the Secretary within 30 days from the date of submission, such agreement and undertaking shall be deemed to have been accepted for filing.

(J) Ambassador Oil Co. (Operator), et al., shall comply with the refunding and reporting procedure required by the Natural Gas Act and section 154.102 of the regulations thereunder, and the agreement and undertaking filed by Ambassador in Docket No. RI60–230 shall remain in full force and effect until discharged by the Commission.

By the Commission.

[SEAL] GORDON M. GRANT,
Acting Secretary.

Docket No. and date filed	Applicant	Purchaser, field and location	FPC rate schedule to be accepted		
			Description and date of document	No.	Supp.
CI62–989..... C 8–14–63	Kerr-McGee Oil Industries, Inc.	Panhandle Eastern Pipe Line Co., North Carthage Field, Texas County, Tex.	Amendment 7–25–63 [1] Amendment 7–26–63 [2]	75 75	4 5
CI63–1567..... A 6–24–63 D 9–21–64	Sohio Petroleum Co.....	Panhandle Eastern Pipe Line Co., Northwest Midwell Field, Cimarron County, Okla.	Contract 3–28–63..... Supplemental agreement 4–6–64.[3]	87 87	 2
CI64–71..... A 7–18–63	Texaco Inc.....	.....do.....	Contract 6–13–63.....	315	.....
CI64–87..... A 7–22–63	A. L. Abercrombie (Operator), et al.	Panhandle Eastern Pipe Line Co., Bryant No. 1, Cimarron County, Okla.	Contract 5–9–63.....	1	.....
CI64–215..... A 8–15–63	Yucca Petroleum Co. (Operator), et al.	Panhandle Eastern Pipe Line Co., Northwest Midwell Field, Cimarron County, Okla.	Contract 7–11–63.....	10	.....
CI64–273..... A 8–27–63	The Superior Oil Co.....	.....do.....	Contract 6–27–63.....	110	.....
CI64–285..... A 9–3–63 4–17–64 [4]	Burk Gas Corp. (successor to Alan Drilling Co.).	Natural Gas Pipeline Co. of America, Boonsville Bend Conglomerate Field, Wise County, Tex.	Contract 5–31–63..... Assignment 3–1–64.....	1 1	 1
A CI64–533..... (G–13295) F 10–31–63	J. M. Huber Corp.....	Northern Natural Gas Co., Laverne Field, Harper County, Okla.	Contract 8–26–57 [5]..... Supplemental agreement 2–5–59.[6] Assignment 10–13–61 [7]...	60 60 60	..... 1 2
CI64–644..... A 12–2–63 2–4–65 [8]	Ashland Oil & Refining Co. (Operator), et al.	Natural Gas Pipeline Co. of America, Quinlan Area, Woodward County, Okla.	Contract 10–15–63.....	158	.....
A CI64–766..... (G–4309) F 1–2–64	Ambassador Oil Co. (Operator), et al.	Panhandle Eastern Pipe Line Co., acreage in Cimarron County, Okla.	Contract 9–11–63 [9].....	19	.....
CI64–1148..... A 3–30–64	Phillips Petroleum Co..	Panhandle Eastern Pipe Line Co., acreage in Beaver County, Okla.	Contract 1–19–60 [10]..... Assignment 6–11–61 [11]... Supplemental agreement 9–27–62 [12].	401 401 401	..... 1 2
CI64–1275..... A 4–27–64	Monsanto Co.....	Panhandle Eastern Pipe Line Co., acreage in Cimarron County, Okla.	Contract 3–23–64 [13]..... Certificate 3–26–64 [14].....	77 77	 1
CI64–1450..... A 6–4–64	Dwight J. Wilson.....	Natural Gas Pipeline Co. of America, Quinlan Area, Woodward County, Okla.	Contract 12–23–63..... Contract 10–15–63.....	1 1	 1
CI65–146..... A 8–17–64	Coke L. Gage (Operator), et al.	Natural Gas Pipeline Co. of America, Boonsville Field, Wise County, Tex.	Contract 5–25–64.....	1	.....
CI65–209..... A 9–8–64	Texaco Inc. (Operator), et al.	Natural Gas Pipeline Co. of America, Northwest Quinlan Field, Woodward County, Okla.	Contract 5–1–64.....	330	.....
CI65–412..... A 11–2–64	Apache Corp. (Operator), et al.	Natural Gas Pipeline Co. of America, Woodward Area, Woodward County, Okla.	Contract 7–31–64 [15]..... Ratification agreement 8–5–64.[16]	34 34	 1
CI65–438..... A 11–9–64	Socony Mobil Oil Co., Inc.	Natural Gas Pipeline Co. of America, Northwest Quinlan Field, Woodward County, Okla.	Contract 5–1–64.....	372	.....
CI65–556..... A 12–14–64 4–26–65 [17]	Samedan Oil Corp. (Operator), et al.	.....do.....	Contract 8–31–64.....	18	.....
CI65–593..... A 12–23–64	Sun Oil Co. (Mid-Continent Division).	Natural Gas Pipeline Co. of America, Southeast Woodward Field, Woodward County, Okla.	Contract 10–20–64.....	179	.....

Filing code: A—Initial service.
B—Abandonment.
C—Amendment to add acreage.
D—Amendment to delete acreage.
E—Succession.
F—Partial succession.

See footnotes at end of table.

[3] Ashland Oil & Refining Co. and Ambassador Oil Co. (Operator), et al.

Docket No. and date filed	Applicant	Purchaser, field and location	FPC rate schedule to be accepted		
			Description and date of document	No.	Supp.
CI65-610 A 12-28-64	Nelson B. Escue (Operator), et al.	Panhandle Eastern Pipe Line Co., acreage in Beaver County, Okla.	Contract 11-20-64	1	
CI65-611 A 12-28-64	Tidewater Oil Co.	Natural Gas Pipeline Co. of America, Southeast Woodward Field, Woodward County, Okla.	Contract 9-23-64 [13]	139	
			Contract 7-31-64 [14]	139	1
			Letter agreement 11-4-64 [15]	139	2
CI65-734 A 1-25-65	Robert E. Aikman, et al., d.b.a. Aikman Brothers.	Natural Gas Pipeline Co. of America, Northwest Quinlan Area, Woodward County, Okla.	Contract 8-31-64	5	
CI65-760 A 2-2-65	Lone Star Producing Co.	Panhandle Eastern Pipe Line Co., North Forgan Field, Beaver County, Okla.	Contract 12-9-64	78	
			Letter Agreement 11-2-64 [16]	78	1
CI65-837 A 2-25-65	Cities Service Oil Co.	Panhandle Eastern Pipe Line Co., Northeast Sampsel Field, Cimarron County, Okla.	Contract 1-22-65	197	
CI65-927 A 3-18-65	Colorado Oil & Gas Corp.	Panhandle Eastern Pipe Line Co., Sampsel Field, Cimarron County, Okla.	Contract 2-10-65	58	
CI65-936 A 3-22-65	Sun Oil Co. (Mid-Continent Division).	Natural Gas Pipeline Co. of America, Quinlan Field, Woodward County, Okla.	Contract 1-20-65	183	
CI65-999 A 4-8-65	Texaco Inc.	Panhandle Eastern Pipe Line Co., Sampsel Field, Cimarron County, Okla.	Contract 3-18-65	353	
CI65-1170 A 5-6-65	L. T. Burns Estate (Operator), et al.	Natural Gas Pipeline Co. of America, Boonsville (BCG) Field, Wise County, Tex.	Contract 12-1-64	1	

[1] Dedicates additional acreage in the North Carthage Field, Texas County, Okla. (Davis-Quigley No. 1-23 Well.
[2] Amends gas purchase contract making inapplicable pricing provisions prescribed by section 154.93 of the Commission regulations under the Natural Gas Act (indefinite pricing provisions, as it applies to additional dedication.
[3] Deletes 1460 nonproductive acres making up leases which have expired and have been released by Applicant—880 net acres remain dedicated.
[4] Succession filing made by Burek Gas Corp. The temporary certificate issued Nov. 1, 1963 to Alan Drilling Co. in Docket No. CI64-285 was amended to reflect Burk as the holder thereof.
[5] Contract between Shell Oil Co. and Northern Natural Gas Co.; on file as Shell's FPC GRS No. 163.
[6] Covers additional acreage dedicated by Shell and now assigned to Huber.
[7] Assignment from Shell Oil Co. to J. M. Huber Corp.
[8] Amendment to the certificate application filed to add interest of nonsignatory co-owner and redesignate rate schedule to read "(Operator), et al." (By letter dated Mar. 3, 1965 filing was acknowledged and the rate schedule was redesignated accordingly.)
[9] 1,358.49 acres of the total 2,478.49 acres dedicated to this contract were subject to a previous contract; on file as Ashland Oil & Refining Co. FPC GRS No. 106.
[10] Basic Contract between Cabot Carbon Co. and buyer.
[11] Assignment from Cabot Carbon Co. to Applicant; Cabot was issued a temporary certificate covering such acreage on Mar. 24, 1960, in Docket No. CI60-105.
[12] Executed by Phillips and buyer, clarifies acreage acquired by assignment which is dedicated to the subject contract.
[13] Basic contract between Monsanto Chemical Co. and Panhandle.
[14] Amendment of the certificate of incorporation reflecting name change from Monsanto Chemical Co. to Monsanto Co.
[15] All production from surface of the ground to the base of the Chester Formation of the Mississippian System.
[16] Agreement whereby the co-owner's adopt Apache's contract.
[17] Amendment to the certificate application filed to add interest of nonsignatory co-owner. (By letter dated May 6, 1965 the filing was acknowledged.)
[18] Adopts basic contract dated July 31, 1964 (Supplement No. 1.)
[19] Basic contract between buyer and Apache Corp.
[20] Clarifies contract in regard to the farmout and assigning of leases.
[21] Defines contract quantity provisions.

[F.R. Doc. 65-8683; Filed, Aug. 18, 1965; 8:45 a.m.]

[Docket Nos. G-4579 et al.]

CITIES SERVICE OIL CO. ET AL.

Notice of Applications for Certificates, Abandonment of Service and Petitions to Amend Certificates [1]

AUGUST 11, 1965.

Take notice that each of the Applicants listed herein has filed an application or petition pursuant to section 7 of the Natural Gas Act for authorization to sell natural gas in interstate commerce or to abandon service heretofore authorized as described herein, all as more fully described in the respective applications and amendments which are on file with the Commission and open to public inspection.

Protests or petitions to intervene may be filed with the Federal Power Commission, Washington, D.C., 20426, in accordance with the rules of practice and procedure (18 CFR 1.8 or 1.10) on or before September 2, 1965.

Take further notice that, pursuant to the authority contained in and subject to the jurisdiction conferred upon the Federal Power Commission by sections 7 and 15 of the Natural Gas Act and the Commission's rules of practice and procedure, a hearing will be held without further notice before the Commission on all applications in which no protest or petition to intervene is filed within the time required herein, if the Commission on its own review of the matter believes that a grant of the certificates or the authorization for the proposed abandonment is required by the public convenience and necessity. Where a protest or petition for leave to intervene is timely filed, or where the Commission on its own motion believes that a formal hearing is required, further notice of such hearing will be duly given: *Provided, however,* That pursuant to § 2.56, Part 2, Statement of General Policy and Interpretations, Chapter I of Title 18 of the Code of Federal Regulations, as amended, all permanent certificates of public convenience and necessity granting applications, filed after April 15, 1965, without further notice, will contain a condition precluding any filing of an increased rate at a price in excess of that designated for the particular area of production for the period prescribed therein unless at the time of filing such certificate application, or within the time fixed herein for the filing of protests or petitions to intervene the Applicant indicates in writing that it is unwilling to accept such a condition. In the event Applicant is unwilling to accept such condition the application will be set for formal hearing.

Under the procedure herein provided for, unless otherwise advised, it will be unnecessary for Applicants to appear or be represented at the hearing.

JOSEPH H. GUTRIDE,
Secretary.

Docket No. and date filed	Applicant	Purchaser, field, and location	Price per Mcf	Pressure base
G-4579 C 8-2-65	Cities Service Oil Co., Cities Service Bldg., Bartlesville, Okla.	Northern Natural Gas Co., acreage in Texas County, Okla.	[2] 12.0	14.65
G-16238 D 8-3-65	Gulf Oil Corp. (Operator), et al., Post Office Box 1589, Tulsa, Okla., 74102.	Transwestern Pipeline Co., acreage in Harper County, Okla.	Assigned	

Filing code: A—Initial service.
B—Abandonment.
C—Amendment to add acreage.
D—Amendment to delete acreage.
E—Succession.
F—Partial succession.

See footnotes at end of table.

[1] This notice does not provide for consolidation for hearing of the several matters covered herein, nor should it be so construed.

Docket No. and date filed	Applicant	Purchaser, field, and location	Price per Mcf	Pressure base
G-18435 C 7-29-65 [3]	Pan American Petroleum Corp. (Operator), et al., Post Office Box 591, Tulsa, Okla., 74102.	Michigan Wisconsin Pipe Line Co., Laverne Gas Area, Harper County, Okla.	[4] 18.5	14.65
G-18435 C 7-29-65 [5]	Pan American Petroleum Corp. (Operator), et al.	do.	[4] 18.5	14.65
G-18620 D 6-30-65	Sunray DX Oil Co., Post Office Box 2039, Tulsa, Okla., 74102.	Michigan Wisconsin Pipe Line Co., Laverne Field, Harper County, Okla.	[6]	
G-19707 C 7-28-65	Cities Service Oil Co., Cities Service Bldg., Bartlesville, Okla.	Tennessee Gas Transmission Co., Block 41, Grand Isle Area, Offshore, La.	19.0	15.025
CI61-295 E 7-29-65	United Penn Oil & Gas Co. (successor to Mid-Penn Oil & Gas Co.), c/o Robert Lindholm, Agent, 504 Broadway, Gary, Ind.	Consolidated Gas Supply Corp., Glenville District, Gilmer County, W. Va.	25.0	15.325
CI61-516 C 8-2-65	Pan American Petroleum Corp., Post Office Box 591, Tulsa, Okla., 74102.	Michigan Wisconsin Pipe Line Co., Woodward Gas Area, Woodward County, Okla.	[7] 21.545	14.65
CI61-863 E 7-28-65	United Penn Oil & Gas Co. (successor to Mid-Penn Oil & Gas Co.), c/o Robert Lindholm, agent, 504 Broadway, Gary, Ind.	Consolidated Gas Supply Corp., Courthouse District, Lewis County, W. Va.	25.0	15.325
CI61-1348 E 7-28-65	United Penn Oil & Gas Co. (successor to Mid-Penn Oil & Gas Co.).	Consolidated Gas Supply Corp., Glenville District, Gilmer County, W. Va.	25.0	15.325
CI62-19 E 7-30-65	Woods Petroleum Corp., (successor to Woods Exploration Co.), 4900 North Santa Fe, Oklahoma City, Okla.	Cities Service Gas Co., Southeast Sterling Field, Comanche County, Okla.	15.0	14.65
CI63-20 D 8-2-65	Humble Oil & Refining Co., Post Office Box 2180, Houston, Tex., 77001.	Arkansas Louisiana Gas Co., Arkoma Area, Haskell County, Okla.	Assigned	
CI63-1139 C 7-30-65	Harper Oil Co. (Operator), et al., 904 Hightower Bldg., Oklahoma City, Okla., 73102.	Arkansas Louisiana Gas Co., North Drummond Area, Garfield and Major Counties, Okla.	15.0	14.65
CI63-1337 C 1-27-64	James G. Maynard d.b.a. Maynard Oil Co., 308 First National Bank Bldg., Evanston, Ill.	Natural Gas Pipeline Co., Boonesville (Bend Conglomerate) Field, Wise County, Tex.	[8] 14.25	14.65
CI64-69 C 7-28-65 D 7-28-65 [9]	Shell Oil Co. (Operator), et al., 50 West 50th Street, New York, N.Y., 10020.	Panhandle Eastern Pipe Line Co., Avard Field, Woods County, Okla.	[10] 15.0+B.t.u. adjustment.	14.65
CI64-187 C 7-28-65	Skelly Oil Co., Post Office Box 1650, Tulsa, Okla., 74111.	Kansas-Nebraska Natural Gas Co., Inc., Buehne Unit, Hamilton County, Kans.	12.5	14.65
CI64-175 C 8-2-65	Pan American Petroleum Corp., Post Office Box 591, Tulsa, Okla., 74102.	El Paso Natural Gas Co., Basin Dakota Field, San Juan County, N. Mex.	13.0	15.025
CI64-946 C 8-2-65	Tenneco Oil Co., Post Office Box 2511, Houston, Tex., 77001.	Michigan Wisconsin Pipe Line Co., Curtis Area, Woodward County, Okla.	[11] 17.0+B.t.u. adjustment.	14.65
CI64-1122 11-23-64 [12]	Gulf Oil Corp. (operator), et al., Post Office Box 1589, Tulsa, Okla., 74102.	Texas Eastern Transmission Corp., North Veltin Field, St. Landry Parish, La.	15.0	15.025
CI65-224 E 8-2-65	Aladdin Production Co., Inc., (successor to Aladdin Oil Co., Inc.) 1832 National Bank of Commerce Bldg, New Orleans, La., 70112.	Transcontinental Gas Pipe Line Corp., Bayou Couba Field, St. Charles Parish, La.	20.0	15.025
CI65-1022 D 8-2-65	Thomas N. Berry & Co. (Operator), et. al., c/o John L. Arrington, Jr., Lupardus, Holliman & Huffman, 420 Oklahoma Natural Bldg., Tulsa, Okla., 74119.	Cities Service Gas Co., acreage in Grant County, Okla.	[13]	
CI65-1219 C 7-21-65	Jas. F. Smith (Operator), c/o Sherman S. Poland, attorney, Ross, Marsh & Foster, 725 15th Street, NW., Washington, D.C., 20005.	Panhandle Eastern Pipe Line Co., acreage in Beaver County, Okla.	[14] 17.0	14.65
CI66-30 A 7-14-65 [15] 8-6-65 [16]	D. J. Robichaux, Jr., 206 Green Street, Thibodaux, La., 70301.	Transcontinental Gas Pipe Line Corp., Rousseau Field, Lafourche Parish, La.	20.625	15.025
CI66-68 B 7-21-65	Gulf Oil Corp., Post Office Box 1589, Tulsa, Okla., 74102.	Transcontinental Gas Pipe Line Corp., Church Point Field, Acadia Parish, La.	[17]	
CI66-71 A 7-29-65	Loughorn Production Co. (Operator), et al., 540 Meadows Bldg., Dallas, Tex.	Natural Gas Pipeline Co. of America, acreage in Wise County Area, Tex.	[18] 16.0	14.65
CI66-72 A 7-28-65	The British-American Oil Producing Co., Post Office Box 749, Dallas, Tex., 75221.	Transcontinental Gas Pipe Line Corp., Block 32 of Block 71 Field, Offshore, Vermilion Parish, La.	19.0	15.025
CI66-73 A 7-29-65	Little Swiss Oil & Gas Co., c/o Joseph H. Hager, partner, Post Office Box 1834, Huntington, W. Va.	Consolidated Gas Supply Corp., Collins Settlement District, Lewis County and Salt Lick District, Braxton County, W. Va.	[19] 27.0	15.325
CI66-74 A 7-29-65	Norman C. Slaughter, et al., Ripley, W. Va.	Consolidated Gas Supply Corp., Collins Settlement District, Lewis County, W. Va.	25.0	15.325
CI66-75 A 7-30-65	J. C. Trahan, Drilling Contractor, Inc. (Operator), et al., 2625 Line Avenue, Shreveport, La.	Arkansas Louisiana Gas Co., Hodge Field, Jackson Parish, La.	[20] 13.45	15.025
CI66-76 A 7-28-65	Jake L. Hamon (Operator), et al., Post Office Box 663 Dallas, Tex., 75221.	Arkansas Louisiana Gas Co., Red Oak Field, Latimer County, Okla.	18.0	14.65
CI66-77 B 7-29-65	Harkins & Co., Post Office Box 1490, Alice, Tex.	Coastal States Gas Producing Co., and Southern Coast Corp., Johns Field, Duval County, Tex.	Depleted	
CI66-78 A 7-30-65	Kerr-McGee Oil Industries, Inc., Kerr-McGee Bldg., Oklahoma City, Okla., 73102.	Northern Natural Gas Co., Northeast Ivanhoe Field, Beaver County, Okla.	17.0	14.65
CI66-79 A 7-30-65	Skelly Oil Co., Post Office Box 1650, Tulsa, Okla.	Cities Service Gas Co., acreage in Barber County, Kans.	[21] 14.0	14.65
CI66-80 A 7-30-65	Union Texas Petroleum, a division of Allied Chemical Corp., Post Office Box 2120, Houston, Tex., 77002.	Arkansas Louisiana Gas Co., Star Lacy Area, Kingfisher County, Okla.	12.0	14.65
CI66-81 A 7-30-65	Leland Davison (Operator), et al., Post Office Box 1146, Midland, Tex.	El Paso Natural Gas Co., Spraberry Trend Area Field, Reagan County, Tex.	16.0	14.65
CI66-82 A 7-30-65	Hale Bassett Gas, partnership, c/o Francis E. Cain, agent, Big Bend, W. Va.	Consolidated Gas Supply Corp., Sheridan District, Calhoun County, W. Va.	25.0	15.325
CI66-83 A 7-30-65	Long Run Development Co., c/o R. J. Braden, agent, Peoples Bank Bldg., Marietta, Ohio.	Consolidated Gas Supply Corp., Murphy District, Ritchie County, W. Va.	25.0	15.325
CI66-84 A 7-30-65	Carey Oil Co., et al., 204 Alden Avenue, Marietta, Ohio.	Consolidated Gas Supply Corp., Grant District, Doddridge County, W. Va.	25.0	15.325
CI66-85 A 7-29-65	Abel & Bancroft, Post Office Box 1395, Midland, Tex., 79701.	United Gas Pipe Line Co., South Albrecht Field Area, Goliad County, Tex.	14.0	14.65
CI66-86 A 8-2-65	Frankel Oil & Gas Co. (Operator), c/o H. H. Hillyer, Jr., attorney, 1122 Whitney Bldg., New Orleans, La., 70130.	Valley Gas Transmission, Inc., Gum Cove Field, Cameron Parish, La.	15.0	15.025
CI66-87 B 8-2-65	Gulf Oil Corp., Post Office Box 1589, Tulsa, Okla., 74102.	El Paso Natural Gas Co., Keystone Waddell and Keystone McKee Fields, Winkler County, Tex.	Declined in pressure	
CI66-89 A 8-2-65	Bush & Williams, Post Office Box 203, Harrisville, W. Va.	Consolidated Gas Supply Corp., Troy District, Gilmer County, W. Va.	25.0	15.325
CI66-90 A 8-2-65	Har-Ken Oil Co. (Operator), et al., Post Office Box 616, Owensboro, Ky.	Texas Gas Transmission Corp., St. Charles Area, Hopkins County, Ky.	15.025	15.0
CI66-91 A 7-28-65	Boyd & Shriver, c/o Theda E. Boyd, Partner, Suite 6-8, Read Bldg., South Seventh Street, Indiana, Pa., 15701.	United Natural Gas Co., Ross Township, Jefferson County, Pa.	[22]	14.73
CI66-92 A 8-2-65	Southwestern Natural Gas Co. Inc., c/o D. E. Cooper, agent, 800 North Big Spring, Midland, Tex.	El Paso Natural Gas Co., Spraberry Trend Area Field, Reagan County, Tex.	16.1536	14.65
CI66-93 A 8-2-65	Tenneco Inc., Post Office Box 52332, Houston, Tex., 77052.	Lone Star Gas Co., Handy Field, Cooke and Grayson Counties, Tex.	14.49	14.65
CI66-94 A 8-2-65	Pennzoil Co. (Operator), et al., 1007 Midland Savings Bldg., Midland, Tex.	Northern Natural Gas Co., Coyanosa Devonian and Ellenburger Fields, Pecos County, Tex.	16.0	14.65
CI66-95 A 8-3-65	Couba Oil Co., Inc., c/o David J. Vial, M.D., president, Hahnville, La.	Transcontinental Gas Pipe Line Corp., Bayou Couba Field, St. Charles Parish, La.	17.0	15.025

See footnotes at end of table.

Docket No. and date filed	Applicant	Purchaser, field, and location	Price per Mcf	Pressure base
C166-96..... A 8-3-65	Pan American Petroleum Corp., Post Office Box 591, Tulsa, Okla., 74102.	United Gas Pipe Line Co., Mount Olive Field, Smith County, Miss.	13.0	15.025
C166-97..... A 8-2-65	Sun Oil Co. (Southwest Division), 1608 Walnut Street, Philadelphia, Pa., 19103.	Valley Gas Transmission, Inc., Rachal Field, Brooks County, Tex.	14.0	14.65
C166-98..... A 8-3-65	Ellene Ward No. 1 Oil & Gas Co., c/o A. R. Jackson, agent, 224 Third Avenue, South Charleston, W. Va.	Consolidated Gas Supply Corp., Center District, Calhoun County, W. Va.	25.0	15.325
C166-99..... A 8-3-65	W. C. Wilson Oil & Gas, 819 Campbell Drive, Belpre, Ohio.	Consolidated Gas Supply Corp., Sheridan District, Calhoun County, W. Va.	25.0	15.325
C166-100..... A 8-3-65	Julia Joyce et al., No. 1, c/o J. S. Bailey, Jr., agent, 314 Julianna Street, Parkersburg, W. Va.	Consolidated Gas Supply Corp., Lee District, Calhoun County, W. Va.	25.0	15.325
C166-101..... A 7-29-65 [2]	Tenneco Oil Co. (Operator), et al., Post Office Box 2511, Houston, Tex., 77001.	El Paso Natural Gas Co., South Andrews Field, Andrews County, Tex.	13.6823	14.65
C166-102..... A 8-4-65	Neal Rudder d.b.a. Rudder Oil & Gas Co. for Mendelle Snyder Well No. 1, Post Office Box 126, Belpre, Ohio, 45714.	United Fuel Gas Co., Center District, Gilmer County, W. Va.	27.0	15.325
C166-103..... A 7-30-65	Joseph E. Seagram & Sons, Inc., d.b.a. Texas Pacific Oil Co., Post Office Box 747, Dallas, Tex., 75221.	Transwestern Pipeline Co., Bell Lake Unit No. 10, Lea County, N. Mex.	16.0	14.65
C166-104..... F 7-26-65	C. G. Campbell (successor to E. G. Redman (Operator), et al.), c/o Campbell & Hedrick, Post Office Box 401, 424 Mid America Bldg., Midland, Tex.	El Paso Natural Gas Co., Drinkard and Jalmat Fields, Lea County, N. Mex.	15.5	14.65

[1] Omitted.
[2] Rate in effect subject to refund in Docket No. RI65-26.
[3] Adds acreage pursuant to an amendatory agreement, dated June 8, 1965.
[4] Includes an estimated 1.5-cent B.t.u. adjustment.
[5] Adds acreage pursuant to an amendatory agreement, dated June 15, 1965.
[6] Deletes Alfred Thomas Unit dedicated to basic contract. Buyer states it is not economically feasible to install gathering facilities to subject well.
[7] Includes 1.0-cent estimated B.t.u. adjustment and 1.045 cents per Mcf tax reimbursement.
[8] Includes 0.25 cent per Mcf dehydration charge; also subject to B.t.u. adjustment.
[9] Deletes from basic contract acreage in which Shell no longer owns an interest and from which no sales have been made.
[10] Applicant agrees to accept permanent certificate for the additional acreage at a price of 15.0 cents per Mcf at 14.65 p.s.i.a.
[11] Applicant agrees to accept permanent certificate for the additional acreage at a price of 17.0 cents per Mcf at 14.65 p.s.i.a.
[12] Amendment to certificate filed to add interest of co-owners and redesignate rate schedule to read "(Operator), et al."
[13] Deletes acreage erroneously dedicated under original contract.
[14] Subject to upward and downward B.t.u. adjustment.
[15] Application previously noticed July 20, 1965 in Docket Nos. G-4544, et al., at a total initial rate of 25.55 cents per Mcf.
[16] Amendment to application filed to reflect a total initial rate of 20.625 cents per Mcf in lieu of 25.55 cents.
[17] Purchaser no longer needs gas; abandonment will aid Applicant in disposing of its entire gas production in the Church Point Field, thus avoiding further cumulation of underproduction.
[18] Includes 0.25-cent dehydration adjustment and 0.75-cent estimated B.t.u. adjustment.
[19] Includes 2.0 cents per Mcf gathering and transportation charge.
[20] Includes 1.33 cents per Mcf tax reimbursement.
[21] Subject to reduction of 1.5 cents per Mcf in the event buyer reduces its line pressure to below 300 p.s.i.g.
[22] From 25 to 49 Mcf per day, rate shall be 25.0 cents per Mcf; 50 to 99 Mcf per day, rate shall be 26.0 cents per Mcf; 100 to 249 Mcf per day, rate shall be 27.0 cents per Mcf; 250 to 499 Mcf per day, rate shall be 28.0 cents per Mcf; 500 Mcf or over per day, rate shall be 29.0 cents per Mcf.
[23] For Applicant's undivided interest in properties acquired from Delhi-Taylor Oil Corp. Predecessor has no rate schedule or certificate filing on file.

[F.R. Doc. 65-8703; Filed, Aug. 18, 1965; 8:45 a.m.]

SECURITIES AND EXCHANGE COMMISSION

[File No. 1-3421]

CONTINENTAL VENDING MACHINE CORP.

Order Suspending Trading

AUGUST 13, 1965.

The common stock, 10 cents par value, of Continental Vending Machine Corp., being listed and registered on the American Stock Exchange and having unlisted trading privileges on the Philadelphia-Baltimore-Washington Stock Exchange, and the 6-percent convertible subordinated debentures due September 1, 1976 being listed and registered on the American Stock Exchange, pursuant to provisions of the Securities Exchange Act of 1934; and

It appearing to the Securities and Exchange Commission that the summary suspension of trading in such securities on such exchanges and otherwise than on a national securities exchange is required in the public interest and for the protection of investors:

It is ordered, Pursuant to sections 15(c)(5) and 19(a)(4) of the Securities Exchange Act of 1934, that trading in such securities on the American Stock Exchange, the Philadelphia-Baltimore-Washington Stock Exchange and otherwise than on a national securities exchange be summarily suspended, this order to be effective for the period August 15, 1965 through August 24, 1965, both dates inclusive.

By the Commission.

[SEAL] ORVAL L. DUBOIS, *Secretary*.

[F.R. Doc. 65-8766; Filed, Aug. 18, 1965; 8:47 a.m.]

[File No. 70-4298]

NEW JERSEY POWER & LIGHT CO.

Notice of Proposed Issue and Sale of Debentures at Competitive Bidding

AUGUST 13, 1965.

Notice is hereby given that New Jersey Power & Light Co. (NJP&L), Madison Avenue at Punch Bowl Road, Morristown, N.J., 07960, an electric utility subsidiary company of General Public Utilities Corp., a registered holding company, has filed an application with this Commission pursuant to the Public Utility Holding Company Act of 1935 (Act), designating section 6(b) of the Act and Rule 50 promulgated thereunder as applicable to the proposed transaction. All interested persons are referred to the application, on file at the office of the Commission, for a statement of the transaction therein proposed which is summarized below.

NJP&L proposes to issue and sell, subject to the competitive bidding requirements of Rule 50 promulgated under the Act, $5 million principal amount of debentures, __ percent Series, due October 1, 1990. The interest rate of the debentures (which shall be a multiple of ⅛ of 1 percent) and the price, exclusive of accrued interest, to be paid to NJP&L (which shall be not less than 100 percent nor more than 102¾ percent of the principal amount thereof) will be determined by the competitive bidding. The debentures will be issued under the indenture dated as of July 1, 1964, between NJP&L and the Chase Manhattan Bank, Trustee, as to be supplemented by a first supplemental indenture to be dated as of October 1, 1965.

The proceeds from the sale of the debentures (other than premium, if any, and accrued interest) will be utilized by NJP&L to prepay $5 million of its short-term bank loans then outstanding, the proceeds from which had been expended by the company for construction purposes. Such short-term bank loans outstanding at June 30, 1965, aggregated $5,100,000. Any premium from the sale of the debentures will be used for NJP&L's general corporate purposes, including the payment of the expenses of the financing.

Fees and expenses relating to the proposed transaction are estimated at $44,000, including legal fees of $8,000 and auditors' fees of $3,700. The fees and disbursements of counsel for the underwriters, to be paid by the successful bidders, will be supplied by amendment.

The application states that the issue and sale of the debentures are subject to the jurisdiction of the Board of Public Utility Commissioners of the State of New Jersey, the State commission of the State in which NJP&L is organized and doing business. It is further stated that no other State commission and no Federal commission, other than this Commission, has jurisdiction over the proposed transaction.

Notice is further given that any interested person may, not later than September 13, 1965, request in writing that a hearing be held on such matter, stating the nature of his interest, the

reasons for such request, and the issues of fact or law raised by said application which he desires to controvert; or he may request that he be notified if the Commission should order a hearing thereon. Any such request should be addressed: Secretary, Securities and Exchange Commission, Washington, D.C., 20549. A copy of such request should be served personally or by mail (air mail if the person being served is located more than 500 miles from the point of mailing) upon the applicant at the above-stated address, and proof of service (by affidavit or, in case of an attorney at law, by certificate) should be filed contemporaneously with the request. At any time after said date, the application, as filed or as it may be amended, may be granted as provided in Rule 23 of the general rules and regulations promulgated under the Act, or the Commission may grant exemption from such rules as provided in Rules 20(a) and 100 thereof or take such other action as it may deem appropriate.

For the Commission (pursuant to delegated authority).

[SEAL] ORVAL L. DUBOIS, *Secretary.*

[F.R. Doc. 65-8767; Filed, Aug. 18, 1965; 8:47 a.m.]

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PART II

Department of Commerce
Bureau of International Commerce

•

Revision of Commodity Control List

THE NATIONAL ARCHIVES OF THE UNITED STATES
LITTERA SCRIPTA MANET
1934

Title 15—COMMERCE AND FOREIGN TRADE

Chapter III—Bureau of International Commerce, Department of Commerce

SUBCHAPTER B—EXPORT REGULATIONS

[10th Gen. Rev. of Export Regs., Amdt. CCL-2]

PART 399—COMMODITY CONTROL LIST AND RELATED MATTERS

Revision of List

Section 399.1 *Commodity Control List* is revised to read as set forth below.

(Sec. 3, 63 Stat. 7; 50 U.S.C. App. 2023; E.O. 10945, 26 F.R. 4487; E.O. 11038, 27 F.R. 7003)

RAUER H. MEYER,
Acting Director,
Office of Export Control.

§ 399.1 Commodity Control List.

GENERAL NOTES TO COMMODITY CONTROL LIST

(a) *Export control commodity number.* Commodities are listed in numerical order by Export Control Commodity numbers, which appear in the first column of the Commodity Control List. These numbers have either three or five digits and correspond with the first three or five digit numbers shown in the Department of Commerce publication, *Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States,* and must be shown on all export license applications.

(b) *Commodity description*—(1) *Partial coverage of Export Control Commodity number.* Where the commodity description of an entry on the Commodity Control List mentions only a part of the commodities covered by an Export Control Commodity number, only the commodity or commodities specifically mentioned are included in that entry.

EXAMPLE: The Commodity Control List shows two entries under Export Control Commodity No. 25150. One entry covers the commodity description "Cotton pulp" and requires a validated license for shipments to Country Groups Y and Z; while the other entry covers the commodity description "Pulp other than cotton pulp" and requires a validated license for shipments to Country Group Z only. Therefore, cotton pulp may be exported to Country Groups T, V, W, and X without a validated export license; however, other types of pulp may be exported to Country Groups T, V, W, X, and Y without a validated export license.

(2) *Unnumbered captions.* The unnumbered captions set forth in the "Commodity Description" column serve only to identify the broad categories of commodities within which the numbered commodities are to be found in the Commodity Control List.

(c) *Quantity classifications.* The quantity classification given for each commodity in the "Unit" column must be shown on export license applications. If there is no entry in the unit column, the application should show the unit of quantity commonly used in the trade.

(d) *Commodity processing codes.* The commodity processing codes, referred to in the "Processing Code and Related Commodity Group No." column, are used to facilitate the routing and processing of export license applications within the Office of Export Control. Related commodities are commodities which have the same processing code symbol and the same number following such symbol.

For each entry there is a four-letter symbol (e.g., GIEQ, STEE, TRAN), known as the processing code, which must be shown on the application for export license. In most cases this symbol is followed by a number, which is known as the related commodity group number. This number, which also must be shown on the application, indicates that all entries having the same processing code and number may be entered on a single application for export license. (For complete information on the inclusion of related commodities on a single application, see paragraph 372.5(e).)

Commodity processing codes, arranged in three groups corresponding to the three product divisions in the Office of Export Control that license the commodities, are shown in § 399.4.

(e) *Validated license required.* A validated license is required for exportation of a commodity to any destination included in a country group, the symbol of which appears in the column headed "Validated License Required for Country Groups Shown Below." In a few cases a footnote in this column will indicate that a validated license is required for exportation of a commodity to a specified destination in addition to a country group.

A validated license is not required if the exportation may be made under one of the general licenses, as set forth in Part 371, or under other provisions permitting the exportation without a license. Any exportation for which a validated license is not required by the information set forth in this column may be made under the provisions of General License G-DEST. (See § 371.7.)

(f) *GLV dollar value limits.* The column headed "GLV $ Value Limits for Shipment to Country Groups T, V, and X" has reference to the dollar-value limits of commodities which may be exported to Country Group T, V, or X, under the provisions of General License GLV. (See § 371.10.) A dash (–) indicates that the commodity may not be exported under General License GLV to the Country Group heading the column; however, in some of these instances an unlimited quantity of the commodities may be exported under General License G-DEST (see § 371.7).

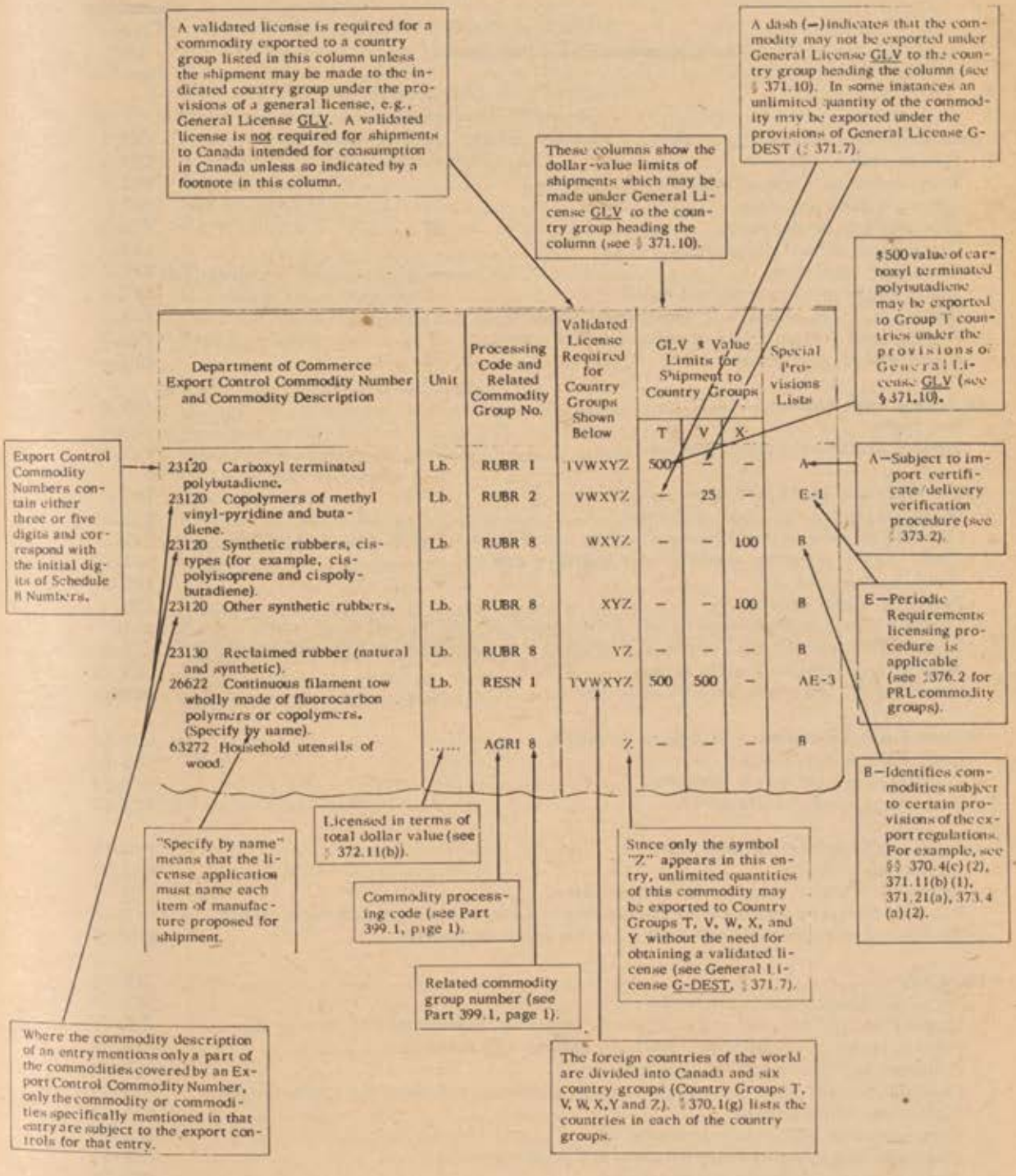
(g) *Definitions*—(1) *Abbreviation "n.e.c."* The abbreviation "n.e.c." appearing in various entries on the Commodity Control List means "not elsewhere classified."

References on the Commodity Control List to Special Provisions

Under each commodity section heading on the Commodity Control List, there are references to the sections of the Comprehensive Export Schedule which contain special provisions for any commodity in that commodity section. The sections referred to are arranged in Part 373, Licensing Policies and Related Special Provisions, under commodity section headings which correspond with those on the Commodity Control List. (See "How to Use Part 373" preceding Part 373.)

Individual entries subject to some of these special provisions, as well as commodities subject to special types of licenses, are identified by a letter symbol in the last column on the Commodity Control List (see page 3 of General Notes).

EXPLANATION OF SYMBOLS AND DESIGNATIONS ON THE COMMODITY CONTROL LIST



COMMODITY SECTIONS AND SUB-SECTIONS

Export Control Commodity classifications are divided into major Sections which in turn are subdivided into Sub-Sections of related commodities. Below are the titles of the Sections and Sub-Sections appearing on the Commodity Control List, and initial page number of each Section and Sub-Section.

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	Live animals	CCL-1
	Meat and meat preparations	CCL-1
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	Fish and fish preparations	CCL-1
	Cereals and cereal preparations	CCL-1
	Fruit and vegetables	CCL-2
	Sugar, sugar preparations, and honey	CCL-3
	Coffee, tea, cocoa, spices, and manufactures thereof	CCL-3
	Feeding-stuff for animals, excluding unmilled cereals	CCL-3
	Miscellaneous food preparations	CCL-4
1	**Beverages and Tobacco**	CCL-4
	Beverages	CCL-4
	Tobacco and tobacco manufactures	CCL-4
2	**Crude Materials, Inedible, Except Fuels**	CCL-5
	Hides, skins, and fur skins, undressed	CCL-5
	Oil-seeds, oil nuts, and oil kernels, and flour and meal of oil seeds, nuts, and kernels	CCL-5
	Crude rubber, including synthetic and reclaimed rubber	CCL-5
	Wood, lumber, and cork	CCL-6
	Pulp and waste paper	CCL-7
	Textile fibers, not manufactured into yarn, thread, or fabrics, and their waste	CCL-7
	Crude fertilizers and crude minerals, excluding coal, petroleum, and precious stones	CCL-9
	Metalliferous ores and metal scrap	CCL-10
	Crude animal and vegetable materials, n.e.c	CCL-12
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	Animal and vegetable oils and fats, n.e.c., for relief or charity	CCL-18
5	**Chemicals**	CCL-18
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	Plastic materials, regenerated cellulose, and artificial resins	CCL-37
	Chemical materials and products, n.e.c	CCL-39

Section Number	Commodity Section and Sub-Section	Commodity Control List Page No.
6	**Manufactured Goods Classified Chiefly by Material**	CCL-43
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	Rubber manufactures, n.e.c.	CCL-43
	Wood and cork manufactures, excluding furniture	CCL-45
	Paper, paperboard, and manufactures thereof	CCL-46
	Textile yarn, fabrics, made-up articles and related products	CCL-49
	Non-metallic mineral manufactures, n.e.c.	CCL-58
	Iron and steel	CCL-64
	Non-ferrous metals	CCL-72
	Manufactures of metals, n.e.c.	CCL-78
7	**Machinery and Transport Equipment**	CCL-94
	Machinery, other than electric	CCL-94
	Electrical machinery, apparatus, and appliances	CCL-134
	Transport equipment	CCL-178
8	**Miscellaneous Manufactured Articles**	CCL-186
	Sanitary, plumbing, heating, and lighting fixtures and fittings	CCL-186
	Furniture	CCL-187
	Travel goods, handbags, and other personal goods	CCL-188
	Clothing and accessories	CCL-188
	Footwear	CCL-192
	Professional, scientific, and controlling instruments; photographic and optical goods, watches, and clocks	CCL-192
	Miscellaneous manufactured articles, n.e.c.	CCL-208
9	**Commodities and Transactions Not Classified According to Kind**	CCL-216
	Special transactions, not classified by kind	CCL-216
	Animals, n.e.c., including zoo animals	CCL-216
	Arms, military vehicles, etc.	CCL-217
	Coins, not gold, not legal tender	CCL-218

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipments to Country Groups			Special Provisions List
				T	V	X	
SECTION 0—FOOD AND LIVE ANIMALS							
LIVE ANIMALS							
001 Live animals	No.[1]	AGRI 8	Z	—	—	—	B
MEAT AND MEAT PREPARATIONS							
011 Meat, fresh, chilled or frozen	Lb.	AGRI 8	Z	—	—	—	B
012 Meat, dried, salted or smoked	Lb.	AGRI 8	Z	—	—	—	B
013 Prepared meat and poultry products and preparations, n.e.c.	Lb.	AGRI 8	Z	—	—	—	B
DAIRY PRODUCTS AND EGGS							
022 Milk and cream	Lb.[2]	AGRI 8	YZ	—	—	—	B
023 Butter and anhydrous milk fat	Lb.	AGRI 8	YZ	—	—	—	B
024 Cheese and curd	Lb.	AGRI 8	YZ	—	—	—	B
025 Eggs	Lb.[3]	AGRI 8	Z	—	—	—	B
FISH AND FISH PREPARATIONS							
031 Fish, including shellfish, fresh, chilled, frozen, salted, dried, or smoked.	Lb.	AGRI 8	Z	—	—	—	B
032 Fish, including shellfish, prepared or preserved, n.e.c.	Lb.	AGRI 8	Z	—	—	—	B
CEREALS AND CEREAL PREPARATIONS							
041 Wheat (including spelt or meslin), unmilled.	Bu.	AGRI 8	YZ	—	—	—	B
04210 Rice, unmilled, including seed rice (other than seed rice for forage crop).	Lb.	AGRI 8	YZ	—	—	—	B
04210 Seed rice for forage crop	Lb.	AGRI 8	Z	—	—	—	B
04220 Rice, milled	Lb.	AGRI 8	YZ	—	—	—	B
04300 Barley, unmilled	Bu.	AGRI 8	YZ	—	—	—	B
04400 Corn, fresh.	Bu.	AGRI 8	Z	—	—	—	B
04400 Inbred corn seed	Bu.	AGRI 8	YZ[4]	—	—	—	B
04400 Corn seed, other than inbred	Bu.[5]	AGRI 8	Z	—	—	—	B
04400 Other corn, unmilled.	Bu.	AGRI 8	YZ	—	—	—	B
045 Cereal grains, unmilled, other than wheat, rice, barley, and corn. (Specify by name.)	Lb.[6]	AGRI 8	YZ[4]	—	—	—	B
046 Wheat flour, meal, and groats	Cwt.	AGRI 8	YZ	—	—	—	B
047 Cereal flours, meal, and groats, n.e.c.	Lb.[7]	AGRI 8	YZ	—	—	—	B
04811 Breakfast cereals prepared for cooking	Lb.	AGRI 8	YZ	—	—	—	B
04812 Breakfast cereals prepared for serving	Lb.	AGRI 8	YZ	—	—	—	B
04820 Malt and malt flour	Lb.	AGRI 8	YZ	—	—	—	B
04830 Macaroni, noodles, and similar products	Lb.	AGRI 8	YZ	—	—	—	B

[1] Report poultry other than baby chicks and turkey poults in "pound."
[2] Report shipments of fresh milk and cream in "gallons."
[3] Report shipments of eggs in the shell in "dozen."
[4] Inbred corn seed and inbred grain sorghum seed also require validated licenses for shipments to Rumania.
[5] Report sweet corn seed in "pound."
[6] Report shipments of rye, oats, and grain sorghums in "bushels."
[7] Report shipments of cereal flours, corn meal, oatmeal, and groats (except as prepared breakfast cereal) in "hundred weight."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipments to Country Groups			Special Provisions List
				T	V	X	
04840 Fruit pies, frozen	Lb.	AGRI 8	Z	—	—	—	B
04840 Other bakery products	Lb.	AGRI 8	YZ	—	—	—	B
04881 Malt extract	Lb.	AGRI 8	Z	—	—	—	B
04884 Pudding preparations of flour, starch, or malt, except canned baby food puddings. [Report canned baby food puddings in Export Control Commodity No. 09910.]	Lb.	AGRI 8	Z	—	—	—	B
04884 Other preparations of flour, starch, or malt. (Specify by name.)	Lb.	AGRI 8	YZ	—	—	—	B
FRUIT AND VEGETABLES							
051 Fruit, fresh, and nuts (not including oil nuts), fresh or dried.	Lb.	AGRI 8	Z	—	—	—	B
052 Dried fruit (including artificially dehydrated).	Lb.	AGRI 8	Z	—	—	—	B
05320 Glace, candied, and crystallized fruits, fruit peel, nuts, and parts of plants.	Lb.	AGRI 8	Z	—	—	—	B
05330 Jams, marmalades, fruit jellies, fruit pulps, purees and pastes.	Lb.	AGRI 8	Z	—	—	—	B
05350 Fruit juices and vegetable juices	Gal.	AGRI 8	Z	—	—	—	B
05370 Fruit, frozen	Lb.	AGRI 8	Z	—	—	—	B
05389 Fruits, prepared or preserved, including fruit peel and baby food fruits.	Lb.	AGRI 8	Z	—	—	—	B
05389 Peanuts, roasted or otherwise prepared, *except salted.* [Report peanuts, green, in Export Control Commodity No. 22110.]	Lb.	AGRI 8	YZ	—	—	—	B
05389 Salted peanuts and other prepared or preserved nuts, n.e.c. [Report dried edible nuts (other than oil nuts) in airtight containers in Export Control Commodity No. 051.]	Lb.	AGRI 8	Z	—	—	—	B
05410 Potatoes, fresh (except sweet potatoes)	Lb.	AGRI 8	Z	—	—	—	B
05420 Seed beans; and seed peas	Lb.	AGRI 8	Z	—	—	—	B
05420 Beans, peas and other leguminous vegetables, dried.	Lb.	AGRI 8	YZ	—	—	—	B
05440 Tomatoes, fresh	Lb.	AGRI 8	Z	—	—	—	B
05450 Vegetables, fresh (except tomatoes, potatoes, roots and tubers).	Lb.	AGRI 8	Z	—	—	—	B
05460 Vegetables, frozen	Lb.	AGRI 8	Z	—	—	—	B
05484 Hops	Lb.	AGRI 8	Z	—	—	—	B
05488 Vegetable products, roots, and tubers, fresh or dried, n.e.c.	Lb.	AGRI 8	Z	—	—	—	B
055 Vegetables (except corn), dehydrated, prepared or preserved (including those in airtight containers); vegetable preparations (including flakes, granules and pickles); and flours and flakes of fruits, leguminous vegetables, roots and tubers. [Report prepared or preserved corn, including corn in airtight containers, in Export Control Commodity No. 09910.]	Lb.	AGRI 8	Z	—	—	—	B

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipments to Country Groups			Special Provisions List
				T	V	X	
SUGAR, SUGAR PREPARATIONS, AND HONEY							
06130 Sugar, beet and cane, raw or refined.....	Lb.	AGRI 8	XYZ	—	—	100	B
06160 Honey, natural	Lb.	AGRI 8	Z	—	—	—	B
06180 Sugar, invert, liquid, and powdered.....	Lb.	AGRI 8	XYZ	—	—	100	B
06180 Lactose (crude and refined); malt sugar (maltose), except medicinal grades; maple sugar; refined milk sugar; and crude sugar of milk. [Report medicinal grades of malt sugar (maltose) in Export Control Commodity No. 51203.]	Lb.	AGRI 8	YZ	—	—	—	B
06180 Other sugars, sirups and molasses, n.e.c. [Report pharmaceutical dextrose and glucose, in bulk, in Export Control Commodity No. 51203; in dosage form, put up for retail sale, or in bulk combined with other medicinals, in Export Control Commodity No. 54170.]	Lb.	AGRI 8	Z	—	—	—	B
06201 Sugar-coated cereal foods and candied or sweetened popped corn.	Lb.	AGRI 8	YZ	—	—	—	B
06201 Other confectionery, not containing cocoa, including chewing gum.	Lb.	AGRI 8	Z	—	—	—	B
06202 Flavored or colored sugars, sirups, and molasses.	Lb.	AGRI 8	Z	—	—	—	B
COFFEE, TEA, COCOA, SPICES, AND MANUFACTURES THEREOF							
071 Coffee	Lb.	AGRI 8	Z	—	—	—	B
072 Cocoa beans, unsweetened powder, and paste or butter.	Lb.	AGRI 8	Z	—	—	—	B
073 Sweetened powdered cocoa, chocolate coatings, and confectionery and other food preparations containing cocoa or chocolate, n.e.c.	Lb.	AGRI 8	Z	—	—	—	B
074 Tea and maté.....	Lb.	AGRI 8	Z	—	—	—	B
075 Spices	Lb.	AGRI 8	Z	—	—	—	B
FEEDING-STUFF FOR ANIMALS, EXCLUDING UNMILLED CEREALS							
08110 Hay, fruit wastes for animal feed, and kelp meal.	S. ton	AGRI 8	Z	—	—	—	B
08110 Other vegetable products for animal feed, n.e.c.	S. ton	AGRI 8	YZ	—	—	—	B
08120 By-products from the working of cereal grains and leguminous vegetables.	S. ton	AGRI 8	Z	—	—	—	B
08130 Oilseed cake, meal, and other residues (except dregs) from extraction of oil.	S. ton	AGRI 8	YZ	—	—	—	B
08140 Meat meal (including tankage) and fish meal, unfit for human consumption.	S. ton	AGRI 8	Z	—	—	—	B

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				T	V	X	
08195 Cocoa shells and waste, and dried molasses residuum.	.....	AGRI 8	Z	—	—	—	B
08195 Other food wastes, n.e.c.	.....	AGRI 8	YZ	—	—	—	B
08199 Prepared feeds and foods of fish or meat for animals, rat chow, and pigeon meal.	S. ton	AGRI 8	Z	—	—	—	B
08199 Other prepared feeds and foods for animals, including feather meal and alfalfa meal.	S. ton	AGRI 8	YZ	—	—	—	B
MISCELLANEOUS FOOD PREPARATIONS							
09100 Margarine; and shortening, *except lard shortening.*	Lb.	AGRI 8	YZ	—	—	—	B
09100 Lard, lard shortening, choice white grease and prepared edible animal fats, n.e.c. [Report lard oil and lard stearin in Export Control Commodity No. 41133.]	Lb.	AGRI 8	Z	—	—	—	B
09903 Mustard flour and prepared mustard	Lb.	AGRI 8	Z	—	—	—	B
09904 Mayonnaise; and other salad dressings	Lb.	AGRI 8	YZ	—	—	—	B
09904 Tomato sauces, meat sauces, and other sauces and mixed seasonings.	Lb.	AGRI 8	Z	—	—	—	B
09905 Soups and broths	Lb.	AGRI 8	Z	—	—	—	B
09906 Natural yeasts and prepared baking powder.	Lb.	AGRI 8	Z	—	—	—	B
09907 Vinegar and vinegar substitutes	Gal.	AGRI 8	Z	—	—	—	B
09910 Canned hominy; corn chips, and similar chips and sticks, *except potato chips;* and other grain food preparations and dairy food preparations, *except pudding and custard preparations.*	.....[1]	AGRI 8	YZ	—	—	—	B
09910 Other food preparations, n.e.c.	.....[2]	AGRI 8	Z	—	—	—	B
09999 Food, donated for relief or charity by individuals or private agencies, n.e.c.	Export controls applicable to each commodity under this classification are those which apply to the commodity when exported commercially under its individual Export Control Commodity number.						
SECTION 1—BEVERAGES AND TOBACCO							
BEVERAGES							
11100 Chocolate flavored milk beverages	Gal.	AGRI 8	YZ	—	—	—	B
11100 Bottled and canned soft drinks; mineral waters; and nonalcoholic beverages, n.e.c.	Gal.	AGRI 8	Z	—	—	—	B
112 Alcoholic beverages	Gal.[3]	AGRI 8	Z	—	—	—	B
TOBACCO AND TOBACCO MANUFACTURES							
121 Leaf tobacco, stemmed and unstemmed, and unmanufactured tobacco, n.e.c.	Lb.	AGRI 8	YZ	—	—	—	B
122 Tobacco manufactures	Lb.[4]	AGRI 8	Z	—	—	—	B

[1] Report canned hominy and corn chips and similar chips and sticks in "pound."
[2] Report flavoring extracts, sirups and other flavoring agents in "gallon."
[3] Report wines in "wine gallon" and distilled alcoholic beverages in "proof gallon."
[4] Report cigars, cheroots, cigarillos, and cigarettes in "thousand."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
SECTION 2—CRUDE MATERIALS, INEDIBLE, EXCEPT FUELS							
HIDES, SKINS, AND FUR SKINS, UNDRESSED							
21110 Cattle hides and equine hides	No.	AGRI 8	Z	—	—	—	B
21120 Calf skins and kip skins	No.	AGRI 8	Z	—	—	—	B
21140 Goat skins and kid skins	No.	AGRI 8	Z	—	—	—	B
21160 Sheep and lamb skins, with wool on	No.	AGRI 8	Z	—	—	—	B
21170 Sheep and lamb skins, without wool	No.	AGRI 8	Z	—	—	—	B
21180 Leather scrap and chrome shavings for fertilizer manufacture.	.....	AGRI 8	YZ	—	—	—	B
21180 Other waste of hides and skins; and used leather.	.....	AGRI 8	Z	—	—	—	B
21190 Hides and skins, n.e.c.	.....	AGRI 8	Z	—	—	—	B
21200 Fur skins.	No.	AGRI 8	Z	—	—	—	B
OIL SEEDS, OIL NUTS, AND OIL KERNELS, AND FLOUR AND MEAL OF OIL SEEDS, NUTS, AND KERNELS							
22105 Oriental mustard seed	.....	AGRI 8	Z	—	—	—	B
22105 Other oil seeds, oil nuts, and oil kernels. [Report peanuts, green, in Export Control Commodity No. 22110, soybeans in No. 22140, flaxseed in No. 22150, cottonseed in No. 22160.]	.....[1]	AGRI 8	YZ	—	—	—	B
22110 Peanuts (groundnuts), green, shelled or unshelled.	Lb.	AGRI 8	YZ	—	—	—	B
22140 Soybeans	Bu.	AGRI 8	YZ	—	—	—	B
22150 Flaxseed (linseed)	Bu.	AGRI 8	YZ	—	—	—	B
22160 Cottonseed	Lb.	AGRI 8	YZ	—	—	—	B
22190 Other flour and meal of oil seeds, oil nuts and oil kernels, non-defatted, excluding mustard flour. (Specify by name.) [Report mustard flour in Export Control Commodity No. 09903; defatted flours and meals in No. 08130.]	.....	AGRI 8	Z	—	—	—	B
CRUDE RUBBER, INCLUDING SYNTHETIC AND RECLAIMED RUBBER							
23110 Crude (natural rubber), and crude allied gums.	Lb.[2]	RUBR 8	Z	—	—	—	B
23110 Compounds of natural rubber, balata, gutta-percha and other allied gums.	Lb.	RUBR 8	XYZ	—	—	100	B
23120 Alkyl polysulfide liquid polymers	Lb.	RUBR 1	TVWXYZ	500	100	—	A
23120 Carboxyl terminated polybutadiene	Lb.	RUBR 1	TVWXYZ	500	—	—	A

[1] Report safflower seed in "pound."
[2] Report latex liquid in "content pound."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
23120 Fluorinated synthetic rubbers; and fluorocarbon elastomers (polymers and copolymers). (Specify by name.) (See § 399.2, Interpretation 22.) [Report fluorinated silicone rubbers in Export Control Commodity No. 58110.]	Lb.	RUBR 1	TVWXYZ	500	100	—	A
23120 Moldable copolymers of butadiene and acrylic acid.	Lb.	RUBR 1	TVWXYZ	500	—	—	A
23120 Moldable terpolymers of butadiene, acrylonitrile and acrylic acid or any of the homologues of acrylic acid.	Lb.	RUBR 1	TVWXYZ	500	—	—	A
23120 Silicone rubber, except fluorinated silicone rubber. [Report fluorinated silicone rubbers in Export Control Commodity No. 58110.]	Lb.	RUBR 2	VWXYZ	—	1,000	—	E-1
23120 Alkyl polysulfide rubbers, *excluding liquid polymers.*	Lb.	RUBR 2	VWXYZ	—	1,000	—	E-1
23120 Copolymers of methyl vinyl-pyridine and butadiene.	Lb.	RUBR 2	VWXYZ	—	25	—	E-1
23120 Synthetic rubbers, cis-types (for example, cis-polyisoprene, and cis-polybutadiene).	Lb.	RUBR 8	WXYZ	—	—	100	B
23120 Neoprene (polymers of chloroprene)	Lb.	RUBR 8	YZ	—	—	—	B
23120 Other synthetic rubbers	Lb.[1]	RUBR 8	XYZ	—	—	100	B
23130 Reclaimed rubber (natural and synthetic)	Lb.	RUBR 8	YZ	—	—	—	B
23140 Waste and scrap of unhardened rubber, natural and synthetic.	Lb.	RUBR 8	XYZ	—	—	100	B
WOOD, LUMBER, AND CORK							
241 Fuel wood, wood charcoal, and wood waste	.....	AGRI 8	Z	—	—	—	B
24210 Pulpwood, except chips. [Report chips in Export Control Commodity No. 63183.]	Cord	AGRI 8	YZ	—	—	—	B
24221 Port Orford cedar sawlogs, veneer logs, and bolts, in the rough.	MBF	AGRI 8	YZ	—	—	—	B
24221 Other softwood sawlogs, veneer logs, and bolts, in the rough.	MBF	AGRI 8	Z	—	—	—	B
24222 Port Orford cedar sawlogs, veneer logs, and bolts, roughly squared, quartered, or halved.	MBF	AGRI 8	YZ	—	—	—	B
24222 Other softwood sawlogs, veneer logs, and bolts, roughly squared, quartered, or halved.	MBF	AGRI 8	Z	—	—	—	B
24231 Hardwood sawlogs, veneer logs, and bolts, in the rough.	MBF	AGRI 8	Z	—	—	—	B
24232 Hardwood sawlogs, veneer logs, and bolts, roughly squared, quartered, or halved.	MBF	AGRI 8	Z	—	—	—	B
24280 Poles, piling, posts, and other wood in the rough, including mine timber, hardwood stumps and burls.	MBF[2]	AGRI 8	Z	—	—	—	B
24310 Railway cross ties and mine ties. [Report switch and bridge ties as lumber.]	MBF	AGRI 8	Z	—	—	—	B

[1] Report latex (liquid) in "content pound."
[2] Report piling in "linear feet"; and report utility line poles in "number."

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				T	V	X	
24321 Port Orford cedar lumber, rough-sawed....	MBF	AGRI 8	YZ	—	—	—	B
24321 Other softwood lumber, rough-sawed.....	MBF	AGRI 8	Z	—	—	—	B
24322 Port Orford cedar lumber, dressed, patterned, planed, tongued, grooved, or otherwise surface-worked, including flooring.	MBF	AGRI 8	YZ	—	—	—	B
24322 Other softwood lumber dressed, patterned, planed, tongued, grooved, or otherwise surface-worked, including flooring.	MBF	AGRI 8	Z	—	—	—	B
24331 Hardwood lumber, rough-sawed.....	MBF	AGRI 8	Z	—	—	—	B
24332 Hardwood lumber, dressed, patterned, planed, tongued, grooved, or otherwise surface-worked, including small dimension stock and flooring. [Report sticks and rods suitable for shaping into tool handles and similar items in Export Control Commodity No. 63188.]	MBF	AGRI 8	Z	—	—	—	B
244 Cork, natural, raw and waste.....	Lb.	AGRI 8	Z	—	—	—	B
PULP AND WASTE PAPER							
25110 Paper, waste and old paper.....	S. ton	TEXT 8	Z	—	—	—	B
25130 Mechanical and semi-chemical wood pulp, including screenings and wood pulp, n.e.c..	S. ton	TEXT 8	YZ	—	—	—	B
25150 Cotton pulp	S. ton	TEXT 8	YZ	—	—	—	B
25150 Pulp, other than wood pulp and cotton pulp.	S. ton	TEXT 8	Z	—	—	—	B
25160 Chemical wood pulp, dissolving grades.....	S. ton	TEXT 8	XYZ	—	—	100	B
25171 Sulphate wood pulp, unbleached.....	S. ton	TEXT 8	YZ	—	—	—	B
25172 Sulphate wood pulp, bleached, other than dissolving grades.	S. ton	TEXT 8	XYZ	—	—	100	B
25172 Sulphate wood pulp, semi-bleached, other than dissolving grades.	S. ton	TEXT 8	YZ	—	—	—	B
25181 Sulphite wood pulp, unbleached.....	S. ton	TEXT 8	XYZ	—	—	100	B
25182 Sulphite wood pulp, bleached, other than dissolving grades.	S. ton	TEXT 8	XYZ	—	—	100	B
TEXTILE FIBERS, NOT MANUFACTURED INTO YARN, THREAD, OR FABRICS, AND THEIR WASTE [REPORT GLASS FIBER YARN, ROVING, AND STRAND IN EXPORT CONTROL COMMODITY NO. 65180.]							
261 Raw silk, including cocoons and waste.....	Lb.	TEXT 8	Z	—	—	—	B
26201 Recovered fibers, noils, and waste, n.e.c., wholly or in chief weight wool.	Lb.	TEXT 8	YZ	—	—	—	B
26201 Recovered fibers, noils, and waste, n.e.c., wholly or in chief weight animal hair, except wool.	Lb.	TEXT 8	Z	—	—	—	B
26230 Mohair and other wool-like specialty hair...	Cnt. lb.	TEXT 8	YZ	—	—	—	B

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				T	V	X	
26230 Other fine animal hair, n.e.c., not carded or combed.	Cnt. lb.	TEXT 8	Z	—	—	—	B
26240 Sheep's and lamb's wool, not carded or combed.	Cnt. lb.	TEXT 8	YZ	—	—	—	B
26250 Animal hair, other than wool or fine hair, not carded or combed and not for brushes.	Lb.	TEXT 8	Z	—	—	—	B
26270 Wool or other animal hair, carded or combed, excluding tops.	Lb.	TEXT 8	YZ	—	—	—	B
26280 Tops of wool and other animal hair, except horsehair.	Lb.	TEXT 8	YZ	—	—	—	B
263 Raw cotton; cotton linters; cotton waste; and carded or combed cotton (laps, sliver, and roving).	Lb.[1]	TEXT 8	YZ	—	—	—	B
26621 Staple, not carded or combed, wholly made of fluorocarbon polymers or copolymers.[2] (Specify by name.)	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
26621 Other man-made staple fibers, noncellulosic, not carded or combed.	Lb.	TEXT 8	YZ	—	—	—	B
26622 Continuous filament tow wholly made of fluorocarbon polymers or copolymers.[2] (Specify by name.)	Lb.	RESN 1	TVWXYZ	500	500	—	A E-3
26622 Other continuous filament tow, noncellulosic.	Lb.	TEXT 8	YZ	—	—	—	B
26623 Nylon and other man-made fibers or waste, non-cellulosic, carded or combed or otherwise processed but not spun.	Lb.	TEXT 8	YZ	—	—	—	B
26631 Acetate or rayon (viscose and cuprammonium) staple, not carded or combed.	Lb.	TEXT 8	YZ	—	—	—	B
26632 Acetate or rayon (viscose and cuprammonium) continuous filament tow.	Lb.	TEXT 8	YZ	—	—	—	B
26633 Rayon or acetate fibers or waste, carded or combed or otherwise processed but not spun.	Lb.	TEXT 8	Z	—	—	—	B
26633 Other cellulosic man-made fibers or waste, carded or combed or otherwise processed but not spun.	Lb.	TEXT 8	YZ	—	—	—	B
26640 Waste of rayon or acetate fibers, not carded or combed.	Lb.	TEXT 8	Z	—	—	—	B
26640 Waste of other cellulosic man-made fibers, not carded or combed.	Lb.	TEXT 8	YZ	—	—	—	B
26700 Used, obsolete, and reject materials bearing the design of any version of the flag of the United States of America.	Lb.	TEXT 2	TVWXYZ	500	—	—	
26700 Used civilian clothing and other textile articles, in bulk, and rags, new or used, wholly or in chief weight cotton or wool.	Lb.	TEXT 8	YZ	—	—	—	B

[1] Report raw cotton and cotton linters in "pound" and "running bale."
[2] See §399.2, Interpretation 22.

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				T	V	X	
26700 Other used civilian clothing and other textile articles, in bulk, and rags, new or used, wholly or in chief weight textile fibers.	Lb.	TEXT 8	Z	—	—	—	B
26800 Vegetable fibers and waste, the following only: jute; manila or abaca; and sisal or henequen.	Lb.	TEXT 8	YZ	—	—	—	B
26800 Other vegetable fibers (excluding cotton), and waste.	Lb.	TEXT 8	Z	—	—	—	B
CRUDE FERTILIZERS AND CRUDE MINERALS, EXCLUDING COAL, PETROLEUM, AND PRECIOUS STONES							
27110 Natural fertilizers of mineral or vegetable origin, not chemically treated. [Report manufactured fertilizers in Export Control Commodity No. 56100.]	S. ton	AGSU 8	YZ	—	—	—	B
27120 Natural sodium nitrate	S. ton	AGSU 8	XYZ	—	—	100	B
27130 Natural phosphates, whether or not ground.	S. ton	AGSU 8	Z	—	—	—	B
27140 Potassium chloride	S. ton	AGSU 8	XYZ	—	—	100	B
27140 Other natural potassic salt fertilizers, crude.	S. ton	AGSU 8	Z	—	—	—	B
273 Stone, sand, gypsum, and gravel	S. ton[1]	MINL 8	Z	—	—	—	B
27410 Sulfur, other than sublimed, precipitated, or colloidal sulfur. [Report sublimed, precipated or colloidal sulfur in Export Control Commodity No. 51329.]	L. ton	SALT 8	XYZ	—	—	100	B
27420 Iron pyrites, unroasted	S. ton	SALT 8	XYZ	—	—	100	B
27510 Synthetic diamonds suitable only for industrial use.	Carat	FINP 2	TVWXYZ	1,000	1,000	—	
27510 Natural diamonds suitable only for industrial use.	Carat	FINP 8	WXYZ	—	—	100	B
27521 Synthetic diamond powder	Carat	FINP 2	TVWXYZ	1,000	1,000	—	
27521 Natural diamond powder	Carat	FINP 8	WXYZ	—	—	100	B
27521 Dust and powder of other natural or synthetic precious or semi-precious stones.	Carat	FINP 8	XYZ	—	—	100	B
27522 Diatomaceous earth. [Report gas chromatographic grade in Export Control Commodity No. 59999.]	S. ton	MINL 8	Z	—	—	—	B
27523 Pumice, emery, natural corundum, and other natural abrasives, crude, crushed or ground.	Lb.	MINL 8	Z	—	—	—	B
27610 Natural asphalt and natural bitumen, unmanufactured.	L. ton	MINL 8	Z	—	—	—	B
27621 Mullite grains and pellets	S. ton	MINL 8	YZ	—	—	—	B
27621 Other clays, including calcined, n.e.c.	S. ton	MINL 8	Z	—	—	—	B
27622 Natural graphite	S. ton	MINL 8	YZ	—	—	—	B
27623 Dolomite, dead burned	S. ton	FINP 8	XYZ	—	—	100	B
27623 Dolomite, block	S. ton	MINL 8	Z	—	—	—	B

[1] Report building and monumental stone in "cubic feet."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
27624 Magnesium oxide, purity 97% or higher, except precipitated.	Lb.	MINL 2	TVWXYZ	500	500	—	E-8
27624 Magnesite, dead burned	Lb.	MINL 8	Z	—	—	—	B
27624 Other magnesite	Lb.	MINL 8	Z	—	—	—	B
27630 Salt	S. ton	AGRI 8	Z	—	—	—	B
27640 Asbestos, unmanufactured	S. ton	MINL 8	YZ	—	—	—	B
27652 Mica, unmanufactured	Lb.	MINL 8	Z	—	—	—	B
27654 Feldspar, fluorospar, leucite, nepheline, and nepheline syenite.	Lb.	MINL 8	Z	—	—	—	B
27655 Natural quartz. [Report pietzo electric quartz in Export Control Commodity No. 66700.]	S. ton	MINL 8	XYZ	—	—	100	B
27655 Natural cryolite; and natural chiolite	S. ton	MINL 8	YZ	—	—	—	B
27655 Quartzite	S. ton	MINL 8	Z	—	—	—	B
27660 Mill slag	S. ton	MINL 8	WXYZ	—	—	100	B
27660 Slag, dross, and other similar wastes, n.e.c.	S. ton	MINL 8	Z	—	—	—	B
27695 Natural talc, soapstone, and pyrophyllite	S. ton	MINL 8	Z	—	—	—	B
27698 Natural borates and other boron materials (including but not limited to colemanite, pandermite, kernite, priceite and ulexite). (Specify by name.)	Lb.	SALT 2	TVWXYZ	1,000	1,000	—	E-13
27698 Lithium ores and concentrates (for example, ambligonite, lepidolite and petalite).	Lb.	MINL 1	TVWXYZ	500	25	—	A E-7
27698 Calcium silicate; kieserite, natural; magnesium sulphate, natural; and sodium sulphate, natural.	.....	SALT 8	YZ	—	—	—	B
27698 Arsenic bisulfide, natural; arsenic sulfide, natural; magnesium chloride, natural, anhydrous; soil; strontianite; strontium carbonate, and trona.	.....	SALT 8	XYZ	—	—	100	B
27698 Celestite; gallium sesquioxide; lutetium oxide; strontium sulfate, natural and mineral; cerium ores (for example, bastnasite and cerite); and other rare earth (for example, europium, gadolinium, lanthanum, praseodymium, and samarium).	.....	MINL 8	YZ	—	—	—	B
27698 Other nonmetallic minerals, n.e.c. [Report synthetic or artificial zeolites in Export Control Commodity No. 51460 or 51470.]	.....	MINL 8	Z	—	—	—	B
METALLIFEROUS ORES AND METAL SCRAP [1]							
28100 Iron ore mass	S. ton	STEE 8	XYZ	—	—	100	B
28100 Other iron ore and concentrates	S. ton	STEE 8	Z	—	—	—	B
28200 Iron and steel scrap of magnetic materials	S. ton	STEE 1	TVWXYZ	500	100	—	A
28200 Alloy steel scrap containing any of the following: (a) 5 percent or more nickel by weight, (b) 5 percent or more cobalt by weight, or (c) 1 percent or more tungsten by weight. (See § 399.2 Interpretations 10 and 12.)	S. ton	STEE 2	TVWXYZ	500	100	—	

[1] See paragraph 370.5(d) for ores and concentrates which require export authorization from the Atomic Energy Commission.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
28200 Terne plated scrap; and tin-plated scrap which has not been detinned.	S. ton	TNPL 8	XYZ	—	—	100	B
28200 Other iron and steel scrap	S. ton	STEE 8	WXYZ	—	—	100	B
28311 Copper ores and concentrates	Cnt. lb.	NONF 6	TVWXYZ	500	500	—	E–7
28312 Copper matte. [See Export Control Commodity No. 68211 for other unrefined copper.]	Cnt. lb.	NONF 6	TVWXYZ	500	500	—	E–7
28330 Alumina, all types, 99 percent purity and over.	L. Ton	NONF 6	TVWXYZ	500	—	—	
28330 Other bauxite and aluminum concentrates	L. ton	NONF 8	Z	—	—	—	B
28370 Manganese ores and concentrates containing over 10 percent manganese.	S. ton	MINL 8	Z	—	—	—	B
28380 Lead and zinc ores and concentrates	Lb.	NONF 8	Z	—	—	—	B
28391 Chromium ores and concentrates	Lb.	MINL 8	Z	—	—	—	B
28392 Tungsten ores and concentrates	Lb.	MINL 8	YZ	—	—	—	B
28393 Tantalum ores and concentrates	Lb.	MINL 1	TVWXYZ	500	100	—	A E–7
28393 Molybdenum ores, concentrates, and oxides (including molybdenum disulfide).	Cnt. lb.	MINL 4	TVWXYZ	1,000	1,000	—	E–7
28393 Vanadium ores and concentrates	Cnt. lb.	MINL 8	XYZ	—	—	100	B
28393 Titanium or zirconium ores and concentrates.	Lb.	MINL 8	YZ	—	—	—	B
28398 Antimony or tin ores and concentrates	Lb.	MINL 8	Z	—	—	—	B
28398 Beryllium ores and concentrates	Lb.	MINL 1	TVWXYZ	500	500	—	A E–7
28398 Cobalt ores and concentrates	Lb.	MINL 6	TVWXYZ	500	100	—	
28398 Columbium or niobium ores and concentrates.	Lb.	MINL 1	TVWXYZ	500	100	—	A E–7
28398 Nickel ore and concentrates	Lb.	MINL 6	TVWXYZ	500	500	—	E–7
28398 Quicksilver or mercury ores and concentrates	Lb.	MINL 2	TVWXYZ	500	100	—	E–7
28398 Rhenium concentrates	Lb.	MINL 2	TVWXYZ	500	—	—	E–7
28398 Other ores and concentrates of non-ferrous base metals, **n.e.c.**	Lb.	MINL 8	YZ	—	—	—	B
28401 Tantalum bearing slag	Lb.	MINL 1	TVWXYZ	500	100	—	A E–7
28401 Columbium bearing slag	Lb.	MINL 1	TVWXYZ	500	100	—	A E–7
28401 Copper metalliferous ash and residues	Lb.	NONF 6	TVWXYZ	500	500	—	
28401 Nickel metalliferous residues and dross	Lb.	NONF 6	TVWXYZ	500	500	—	
28401 Vanadium metalliferous ash and residues	Lb.	MINL 8	XYZ	—	—	100	B
28401 Aluminum, lead, tin, and zinc ash and residues.	Lb.	MINL 8	Z	—	—	—	B
28401 Other metalliferous ash and residues	Lb.	MINL 8	YZ	—	—	—	B
28402 Copper and copper-base alloy waste and scrap.	Lb.	NONF 6	TVWXYZ	500	500	—	
28403 Nickel alloy metal scrap containing 32 percent or more nickel, *excluding nickel-copper alloy scrap containing not more than 6 percent of other alloying elements.* (Specify by name with complete metal analysis.) (See § 399.2, Interpretations 10 and 12.)	Lb.	NONF 6	TVWXYZ	500	500	—	
28403 Other nickel and nickel alloy waste and scrap.	Lb.	NONF 8	WXYZ	—	—	100	B

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
28404 Aluminum alloy scrap having (1) an average copper content of 1 percent or more irrespective of other elements; or (2) an average copper content of less than 1 percent and (a) a zinc content of 4 percent or more, (b) a silicon content of 3.5 percent or more, or (c) a magnesium content of 9.5 percent or more.	Lb.	NONF 8	WXYZ	—	—	100	B
28404 Other aluminum waste and scrap.....	Lb.	NONF 8	YZ	—	—	—	B
28405 Magnesium alloys in crude forms and scrap containing 0.4 percent or more zirconium, or 1 percent or more of rare earth metals (cerium misch metal). (See § 399.2, Interpretations 10 and 12.)	Lb.	MINL 1	TVWXYZ	500	100	—	A
28405 Other magnesium waste and scrap.....	Lb.	MINL 8	YZ	—	—	—	B
28406 Lead waste and scrap.....	Lb.	NONF 8	Z	—	—	—	B
28409 Tin waste and scrap.....	Lb.	NONF 8	Z	—	—	—	B
28410 Zinc waste and scrap including blue powder.	Cnt. lb.	NONF 8	Z	—	—	—	B
28500 Platinum and platinum group ores, concentrates, and waste and sweepings, including platinum group materials contained in iron and steel scrap.	Cnt. troy oz.	MINL 8	YZ	—	—	—	B
CRUDE ANIMAL AND VEGETABLE MATERIALS, N.E.C.							
29100 Biological supplies (animal origin); glands, crude; hoof meal; horn meal; and pancreas.	.....	AGRI 8	YZ	—	—	—	B
29100 Other crude animal materials, n.e.c.....	.....[1]	AGRI 8	Z	—	—	—	B
29220 Organic flocculating agents, such as, but not limited to "Arguard®, Guartec®, Jaquar gum®, and Mannagal®."	.....	FINP 8	WXYZ	—	—	100	B
29220 Burgundy pitch	.....	FINP 8	YZ	—	—	—	B
29220 Other natural gums, resins, balsam, and lac.	.....	AGRI 8	Z	—	—	—	B
29250 Alfalfa seed; fescue grass seed; timothy grass seed; red top seed; forage sorghum seed; sugar beet seed; and clover seed, *excluding alsike clover seed, bur clover seed, sour clover seed, strawberry clover seed, and suckling clover seed.*	Lb.	AGRI 8	YZ	—	—	—	B
29250 Other seeds, fruit and spores for planting, excluding oilseeds, n.e.c.[2]	Lb.	AGRI 8	Z	—	—	—	B
29260 Bulbs, plants (trees, shrubs, etc.), and other nursery stock.[2]	.....	AGRI 8	Z	—	—	—	B
29271 Cut flowers and buds for ornamental purposes.	.....	AGRI 8	Z	—	—	—	B
29272 Foliage, branches, and other parts of trees, shrubs, bushes, and other plants, and mosses, lichens and grasses for ornamental purposes, and Christmas trees.	.....	AGRI 8	Z	—	—	—	B

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[1] Report sausage casings, birds' feathers, down, and marine shells in "pound."
[2] Tobacco seed and tobacco plants require export authorization from the U. S. Department of Agriculture. See paragraph 370.5(g).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
29280 Cinchona bark; pyrethrum (insect flowers); and rotenone-bearing roots, crude, ground, or powdered (for example, barbasco root, cube root, derris root, and tuba root).	Lb.	DRUG 8	YZ	—	—	—	B
29280 Other plants, seeds, flowers, leaves, roots and other parts of plants of types used primarily in perfumery, pharmacy, or for insecticidal or fungicidal purposes, or in dyeing and tanning, n.e.c.	Lb.	AGRI 8	Z	—	—	—	B
29291 Pyrethrum extract	Lb.	AGRI 8	XYZ	—	—	100	B
29291 Pectin and pectin substances; and other vegetable saps, extracts, mucilages, and thickeners derived from vegetable products, n.e.c. (Specify by name.)	Lb.	AGRI 8	Z	—	—	—	B
29295 Broomcorn and other vegetable materials used primarily as plaiting, stuffing, or padding, or in brushes or brooms.	Lb.[1]	AGRI 8	Z	—	—	—	B
29298 Other crude vegetable materials, n.e.c. (Specify by name.)	.....	AGRI 8	Z	—	—	—	B
SECTION 3—MINERAL FUELS, LUBRICANTS, AND RELATED MATERIALS							
COAL, COKE, AND BRIQUETS							
32140 Coal, anthracite and bituminous, including mineral charcoal.	S. ton	COAL 8	Z	—	—	—	B
32170 Peat and peat briquets	S. ton	COAL 8	Z	—	—	—	B
32180 Gilsocarbon coke or other coke derived from gilsonite.	S. ton	COAL 8	YZ	—	—	—	B
32180 Other coke of coal, lignite or peat	S. ton	COAL 8	Z	—	—	—	B
32190 Lignite; and coal and lignite briquets	S. ton	COAL 8	Z	—	—	—	B
PETROLEUM AND PETROLEUM PRODUCTS							
331 Crude petroleum, including shale oil; and petroleum partly refined for further refining, including top crudes (bbl. of 42 gal.).	Bbl.	PETR 8	WXYZ	—	—	100	B
33210 Gasoline, *excluding jet fuel* (bbl. of 42 gal.). [Report jet fuel in Export Control Commodity No. 33220.]	Bbl.	PETR 8	WXYZ	—	—	100	B
33210 Gasoline blending agents as follows: alkylates (aviation grade); isopentane; and neohexane (bbl. of 42 gal.).	Bbl.	PETR 2	TVWXYZ	500	100	—	E-4
33210 Triisobutylene (bbl. of 42 gal.)	Bbl.	PETR 8	XYZ	—	—	100	B
33210 Other gasoline blending agents, hydrocarbon compounds only, n.e.c. (bbl. of 42 gal.).	Bbl.	PETR 8	WXYZ	—	—	100	B

[1] Report broomcorn in "short ton."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
33220 Liquid jet fuels having a gross calorific value of not less than 23,400 BTU per pound (bbl. of 42 gal.).	Bbl.	PETR 1	TVWXYZ	500	25	—	A E-4
33220 Other jet fuels (bbl. of 42 gal.).....	Bbl.	PETR 2	TVWXYZ	500	25	—	E-4
33220 Kerosene *excluding kerosene-base jet fuel* (bbl. of 42 gal.).	Bbl.	PETR 8	WXYZ	—	—	100	B
33230 Distillate fuel oils (bbl. of 42 gal.).....	Bbl.	PETR 8	WXYZ	—	—	100	B
33240 Residual fuel oils (bbl. of 42 gal.).....	Bbl.	PETR 8	WXYZ	—	—	100	B
33250 Lubricating oils, petroleum based, which have a pour point of minus 30° F. (minus 34° C.) or lower, and which are thermally stable at plus 700° F. (plus 371° C.) (bbl. of 42 gal.).[1]	Bbl.	PETR 1	TVWXYZ	500	25	—	A E-4
33250 Lubricating oils, synthetic, which contain as the principal ingredient: (a) esters of saturated aliphatic monohydric alcohols containing more than six carbon atoms with adipic or azelaic or sebacic acids, (b) esters of trimethylol propane or trimethylol ethane or pentaerythritol with saturated monobasic acids containing more than 6 carbon atoms, (c) fluorinated alcohol esters, or (d) polyphenyl ethers containing more than three phenyl groups (bbl. of 42 gal.).	Bbl.	PETR 1	TVWXYZ	500	25	—	A E-4
33250 Other lubricating oils, synthetic, which contain as the principal ingredient: (a) esters of dibasic saturated aliphatic acids combined with saturated aliphatic monohydric alcohols, where both of the two constituents contain six or more carbon atoms, or (b) esters of dibasic saturated aliphatic acids combined with polyglycols, where one or both of the two constituents contain six or more carbon atoms (bbl. of 42 gal.).	Bbl.	PETR 2	TVWXYZ	500	25	—	E-4
33250 Cylinder bright stock (including bright stock and industrial lubricating oils which are predominantly bright stock and have a Saybolt Universal viscosity at 210° F. of 95 seconds or more) (bbl. of 42 gal.).	Bbl.	PETR 2	TVWXYZ	1000	1000	—	
33250 Lubricating oils wholly of fluorocarbon polymers or copolymers.[2]	Bbl.	RESN 3	TVWXYZ	500	250	—	A E-13
33250 Other lubricating oils containing more than 20 percent by weight of fluorocarbon polymers or copolymers.[2]	Bbl.	RESN 2	TVWXYZ	500	250	—	E-13

[1] Thermal stability is determined as follows: twenty c.c. of the fluid under test shall be placed in a 46 c.c. stainless steel chamber containing one each of .5 inch diameter balls of M-10 tool steel, 52100 steel, and naval bronze. The chamber shall be purged with nitrogen, sealed at atmospheric pressure, and the temperature raised to 371 plus or minus 6° C. and maintained at this temperature for six hours. The specimen will be considered thermally stable if at the completion of the above procedure all of the following conditions are met: (a) the weight loss of each ball is less than 0.1 milligram per square centimeter of surface, (b) the change in original viscosity as determined at 38° C. is less than 25 percent, and (c) the total acid or base number is less than .40.

[2] See § 399.2, Interpretation 22.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
33250 Silicone fluids containing halogenated organic radicals.	.....	ORGN 1	TVWXYZ	500	250	—	A E–14
33250 Other petroleum based aviation engine lubricating oil (bbl. of 42 gal.).	Bbl.	PETR 2	VWXYZ	—	250	—	E–4
33250 Other ester type synthetic aviation engine lubricating oil (bbl. of 42 gal.).	Bbl.	PETR 8	WXYZ	—	—	100	B
33250 Other synthetic aviation engine lubricating oil (bbl. of 42 gal.).	Bbl.[1]	PETR 8	XYZ	—	—	100	B
33250 Lubricating oils in containers of 8 ounces or less.	.....	PETR 8	Z	—	—	—	B
33250 Other lubricating oils (bbl. of 42 gal.)	Bbl.[1]	PETR 8	WXYZ	—	—	100	B
33250 Silicone lubricating grease capable of operating at temperatures of 180° C. or higher and with an ASTM drop point of 220° C. or higher.	Lb.	ORGN 1	TVWXYZ	500	250	—	A E–14
33250 Lubricating greases, petroleum based, made from petroleum oils which have a pour point of minus 30° F. (minus 34° C.) or lower, and which are thermally stable at plus 700° F. (plus 371° C.) [2]	Lb.	PETR 1	TVWXYZ	500	250	—	A E–4
33250 Synthetic lubricating greases which contain as the principal ingredient: (a) esters of saturated aliphatic monohydric alcohols containing more than six carbon atoms with adipic or azelaic or sebacic acids, (b) esters of trimethylol propane or trimethylol ethane or pentaerythritol with saturated monobasic acids containing more than six carbon atoms, (c) fluorinated alcohol esters, or (d) polyphenyl ethers containing more than three phenyl groups.	Lb.	PETR 1	TVWXYZ	500	25	—	A E–4
33250 Other synthetic lubricating greases which contain as the principal ingredient: (a) esters of dibasic saturated aliphatic acids combined with saturated aliphatic monohydric alcohols, where both of the two constituents contain six or more carbon atoms, or (b) esters of dibasic saturated aliphatic acids combined with polyglycols, where one or both of the two constituents contain six or more carbon atoms.	Lb.	PETR 2	TVWXYZ	1,000	1,000	—	E–4
33250 Molybdenum lubricants containing 80 percent or more of molybdenum disulphide.	Lb.	SALT 2	TVWXYZ	1,000	1,000	—	E–13
33250 Other lubricating greases.....	Lb.	PETR 8	WXYZ	—	—	100	B
33261 Petroleum jelly (petrolatum).....	Lb.	PETR 8	Z	—	—	—	B

[1] If less than one barrel, quantity may be reported in gallons or ounces.

[2] Thermal stability is determined as follows: twenty c.c. of the fluid under test shall be placed in a 46 c.c. stainless steel chamber containing one each of .5 inch diameter balls of M-10 tool steel, 52100 steel, and naval bronze. The chamber shall be purged with nitrogen, sealed at atmospheric pressure, and the temperature raised to 371 plus or minus 6° C. and maintained at this temperature for six hours. The specimen will be considered thermally stable if at the completion of the above procedure all of the following conditions are met: (a) the weight loss of each ball is less than 0.1 milligram per square centimeter of surface. (b) the change in original viscosity as determined at 38° C. is less than 25 percent, and (c) the total acid or base number is less than .40.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
33262 Paraffin wax, crystalline.....	Lb.	PETR 8	XYZ	—	—	100	B
33262 Microcrystalline wax	Lb.	PETR 8	Z	—	—	—	B
33291 Non-lubricating and non-fuel petroleum oils, *the following only:* concrete surface curing compounds, petroleum based; dust proofing fluid, petroleum origin; fruit polishing solutions containing refined paraffin wax; ink oil; Insecti-sol®; leveling fluid, petroleum origin; net preservative; news ink vehicle; No-Glo mud treating oil®; petroleum bases for insecticide sprays; shingle oil; Calodorant C®; Captan®; gas odorant; cigarette lighter fluids; cleaner naphtha; cleaning solvents; Graysal 375®; lacquer diluent; mineral turpentine; paint reducer, petroleum origin; paint thinner of mineral spirits; Panasol RY-3; petroleum ether; petroleum solvent, aliphatic; petropene; preservatives for wood, textiles, leather, and paper, chief value petroleum solvents and/or mineral spirits; Renuzit®; Soltral; Sovasol®; Storaline spirits; Stoddard solvent; turpentine substitute, chief value petroleum; varnish maker and painters naphtha; Varsol®; and Varsol Varnoline®.	Bbl.	PETR 8	Z	—	—	—	B
33291 Other aliphatic naphthas, *except motor fuel or gasoline,* mineral spirits, solvents, and other light aliphatic products, n.e.c.	Bbl.	PETR 8	YZ	—	—	—	B
33291 Hydraulic or automatic transmission fluids, petroleum based, having all of the following characteristics: (a) kinematic viscosity of 4.6 centistokes or greater at 210° F.; (b) pour point of minus 30° F. (minus 34° C.) or lower; and (c) viscosity index (VI) of 130 or higher (bbl. of 42 gal.). [Report hydraulic fluids containing less than 70 percent by weight of petroleum or shale oil in Export Control Commodity No. 59999.]	Bbl.	PETR 2	TVWXYZ	1,000	1,000	—	E–4
33291 Hydraulic fluids, petroleum based, which have a pour point of minus 30° F. (minus 34° C.) or lower, and which are thermally stable at plus 700° F. (plus 371° C.) (bbl. of 42 gal.). [Report hydraulic fluids containing less than 70 percent by weight of petroleum or shale oil in Export Control Commodity No. 59999.][1]	Bbl.	PETR 1	TVWXYZ	500	250	—	A E–4

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[1] Thermal stability is determined as follows: twenty c.c. of the fluid under test shall be placed in a 46 c.c. stainless steel chamber containing one each of .5 inch diameter balls of M-10 tool steel, 52100 steel, and naval bronze. The chamber shall be purged with nitrogen, sealed at atmospheric pressure, and the temperature raised to 371 plus or minus 6° C. and maintained at this temperature for six hours. The specimen will be considered thermally stable if at the completion of the above procedure all of the following conditions are met: (a) the weight loss of each ball is less than 0.1 milligram per square centimeter of surface. (b) the change in original viscosity as determined at 38° C. is less than 25 percent, and (c) the total acid or base number is less than .40.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
33291 White mineral oil in containers of 42 gallons capacity or over; standard reference fuels; quenching and cutting oils, petroleum based; and insulating or transformer oils, *excluding polybutene* (bbl. of 42 gal.).	Bbl.	PETR 8	WXYZ	—	—	100	B
33291 Hexanes; hexenes; methyl pentanes; normal heptane; normal hexane; normal pentane; octanes (oxtylenes); pentanes; and pentenes.	Bbl.	ORGN 8	WXYZ	—	—	100	B
33291 Other nonlubricating and nonfuel petroleum oils (bbl. of 42 gal.).	Bbl.	PETR 8	XYZ	—	—	100	B
33292 Pitch of tar coke	S. ton	COAL 8	XYZ	—	—	100	B
33292 Other pitch from coal tar distillation; and pitch from petroleum refining.	S. ton	COAL 8	Z	—	—	—	B
33293 Pitch coke	S. ton	PETR 8	XYZ	—	—	100	B
33294 Petroleum coke	S. ton	PETR 8	XYZ	—	—	100	B
33295 Petroleum asphalt and petroleum asphalt products including asphalt adhesive, asphalt plank, fiber expansion joints, joint fillers, and roofing asphalt petroleum origin.	S. ton	PETR 8	Z	—	—	—	B
33295 Petroleum bitumen and other petroleum and shale oil residues.	S. ton	PETR 8	YZ	—	—	—	B
33296 Bituminous mixtures, based on asphalt, petroleum, etc.	.....	PETR 8	YZ	—	—	—	B
GAS, NATURAL AND MANUFACTURED							
34110 Natural gas liquids, including liquefied petroleum gas (L.P.G.) (bbl. of 42 gal.).[1]	Bbl.	PETR 8	XYZ	—	—	100	B
34120 Gas, manufactured (artificial).[1]	M. cu. ft.	SALT 8	XYZ	—	—	100	B
SECTION 4—ANIMAL AND VEGETABLE OILS AND FATS							
ANIMAL OILS AND FATS							
411 Animal oils and fats	Lb.	AGRI 8	Z	—	—	—	B
VEGETABLE OILS AND FATS, EXCEPT HYDROGENATED							
[REPORT HYDROGENATED OIL, EXCEPT SHORTENING IN EXPORT CONTROL COMMODITY NO. 43120; SHORTENING IN NO. 09100.]							
42120 Soybean oil and soybean salad oil	Lb.	AGRI 8	YZ	—	—	—	B
42130 Cottonseed oil and cottonseed salad oil	Lb.	AGRI 8	YZ	—	—	—	B

[1] Natural gas, or any mixture of natural and manufactured gas, requires export authorization from the U. S. Federal Power Commission. See paragraph 370.5(f).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
42140 Peanut oil, n.e.c.	Lb.	AGRI 8	YZ	—	—	—	B
42180 Soft vegetable oils, as follows: sunflower seed; rape; colza; and mustard, including all mixed or blended soft salad oils.	Lb.	AGRI 8	YZ	—	—	—	B
42180 Olive oil	Lb.	AGRI 8	Z	—	—	—	B
42210 Linseed oil, raw	Lb.	AGRI 8	YZ	—	—	—	B
42230 Coconut oil	Lb.	AGRI 8	YZ	—	—	—	B
42270 Vegetable oils, as follows: (a) castor oil, medicinal grade, (b) wheat germ oil, (c) crude or refined apricot kernel oil, *except persic oil USP*, kapok seed oil, palm kernel oil, sweet almond oil, and tea seed oil, and (d) crude laurel oil, mahwah oil, niger-seed oil, peach kernel oil, and walnut oil.	Lb.	AGRI 8	Z	—	—	—	B
42270 Persic oil USP	Lb.	DRUG 8	XYZ	—	—	100	B
42270 Other vegetable oils, n.e.c., including tung oil.	Lb.	AGRI 8	YZ	—	—	—	B
FATTY ACIDS, WAXES, AND SPECIALLY TREATED FATS AND OILS, EXCLUDING PETROLEUM PRODUCTS							
43110 Oils, sulfated or sulphurized	Lb.	AGRI 8	Z	—	—	—	B
43110 Oils, boiled, oxidized, dehydrated, blown or polymerized.	Lb.	AGRI 8	YZ	—	—	—	B
43120 Hydrogenated fish and fish liver oils	Lb.	AGRI 8	Z	—	—	—	B
43120 Other hydrogenated fats and oils, n.e.c. (includes unmixed and those that have not been further prepared for food purposes). [Report margarine, lard, lard substitutes and similar prepared edible shortenings in Export Control Commodity No. 09100.]	Lb.	AGRI 8	YZ	—	—	—	B
43130 Fatty acids and refining by-products. [Report chemically defined fatty acids and their esters in Export Control Commodity No. 51209.]	Lb.	AGRI 8	Z	—	—	—	B
43140 Waxes of animal or vegetable origin, excluding fatty acids and hydrogenated fats and oils.	Lb.	AGRI 8	Z	—	—	—	B
ANIMAL AND VEGETABLE OILS AND FATS, N.E.C., FOR RELIEF OR CHARITY							
499 Animal and vegetable oils and fats, n.e.c., donated for relief or charity by individuals or private agencies.	Export controls applicable to each commodity under this classification are those which apply to the commodity when exported commercially under its individual Export Control Commodity number.						
SECTION 5—CHEMICALS							
CHEMICAL ELEMENTS AND COMPOUNDS							
51202 Diazodinitrophenol	Lb.	ORGN 3	TVWXYZ	500	25	—	A E-14
51202 2-di-cyclohexyl carbodiimide	Lb.	ORGN 2	TVWXYZ	500	—	—	

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
51202 Diphenylamine	Lb.	ORGN 2	TVWXYZ	1,000	1,000	—	E-14
51202 Fluoroalcohol esters of organic carboxylic acids boiling above 500° F. (260° C.).	Lb.	ORGN 1	TVWXYZ	500	100	—	A E-14
51202 Di-o-tolyl carbodiimide	Lb.	ORGN 2	TVWXYZ	500	—	—	
51202 Methyl benzylate	Lb.	ORGN 2	TVWXYZ	500	25	—	
51202 Ortho chloro benzaldehyde	Lb.	ORGN 2	TVWXYZ	500	25	—	
51202 Piperidine carboxyl acid	Lb.	ORGN 2	TVWXYZ	500	25	—	
51202 P-nitro-N-methylaniline	Lb.	ORGN 3	TVWXYZ	500	—	—	A E-14
51202 Polyphenyl ethers containing more than three phenyl groups.	Lb.	ORGN 1	TVWXYZ	500	250	—	A
51202 3-quinuclidinone; and 3-quinuclidinol	Lb.	ORGN 2	TVWXYZ	500	25	—	
51202 Dinitrotoluene solids and oils	Lb.	ORGN 8	WXYZ	—	—	100	B
51202 Ethylbenzene	Lb.	ORGN 8	WXYZ	—	—	100	B
51202 N-methylaniline (monomethylaniline)	Lb.	ORGN 8	WXYZ	—	—	100	B
51202 Toluene (all grades)	Gal.	ORGN 8	WXYZ	—	—	100	B
51202 Paradow®	Lb.	ORGN 8	YZ	—	—	—	B
51202 Benzene; and analine hydrochloride, analine sulfate and other analine oil and salts.	Lb.[1]	ORGN 8	Z	—	—	—	B
51202 Other cyclic intermediates, n.e.c.	Lb.	ORGN 8	XYZ	—	—	100	B
Synthetic organic medicinal chemicals, in bulk, except mixtures or compounds. [Report synthetic organic medicinal chemical mixtures or compounds, in bulk, in Export Control Commodity No. 54170.]							
51203 Betadiethylaminoethyldiphenylpropylacetate hydrochloride.	Lb.	DRUG 2	TVWXYZ	500	25	—	
51203 Synthetic organic medicinal chemicals, *the following only:* allantoin; alloxane; apiol; apolysin; arrhenal; betaine; betaine hydrochloride; colace; 3, 3-diethyl-5-methyl-2-, 4-piperidinedione; glycerophosphates; glycerophosphoric acid and salts; guaiacol glyceryl ether; guaimar; histamine; histamine phosphate; khellin; menthol crystals; menthol, natural and synthetic; nicarbazin; nicarbazin, microatomized; nithiazide; pontalin granulation; pontalin powder; prophenpyridamine maleate; pyranisamine maleate; pyridium; pyrilamine maleate (benzal); pyrilamine maleate N.N.R.; thymol; thymol blue; thymol iodide; wintodon granulation; and Wyamine sulfate®. (Specify by chemical name.)	Lb.	DRUG 8	YZ	—	—	—	B
51203 All sulfonamide drugs; and other synthetic organic medicinal chemicals, *the following only:* acetophenetidin; acetylsalicylic acid or aspirin; amidopyrine; 2-amino-5-nitrothiazole; aminodiazine; aminoethylpyrimidine; aminomethylpyrimi-	Lb.	DRUG 8	Z	—	—	—	B

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[1] Report benzene in "gallons."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
dine; 2-aminopyrimidine; aminopyrine; 2-aminothiazole; antypyrine; Aralen diphosphate®; Atabrine dihydrochloride®; barbital; barbital sodium; barbituric acid; betaine; butabarbital acid; butabarbital sodium; chloroquine base; choline chloride; compound N (Conmel) granulation; d-propoxyphenehydrochloride; dehydrocholic acid; diiodo-tyrosine; diallybarbituric acid; diethylbarbituric acid; diethylstilbestrol; dihydrocholic acid USP; ethoheptazine; ethoheptazine citrate; exol; hexestrol NNR; hydrocholin; isobutyl allyl barbituric acid; methyl acetanalid; Pamaquine (plasmochin) naphthoate®; pentobarbital, sodium; pentobarbituric acid; phenacetin; phenetsal; phenobarbital; phenobarbital, sodium; phenylazo diamino pyridine; phenyl salicylate; phenyldimethylpyrazolomethylamino methane sulfonate; phenylethyl barbituric acid; prominal; pyramidon; salicin; salol; salophen; secobarbital sodium salicylate; stilbestrol; trans-dehydro-androsterone-acetate-semicarbazone; uric acid; and urine, concentrated. (Specify by chemical name.)							
51203 Synthetic organic medicinal chemicals, in bulk, for which industrial grades are included under other Export Control Commodity Numbers.	Export Controls applicable to these commodities are those which apply to the industrial grades.						
51203 Other synthetic organic medicinal chemicals in bulk.[1] (Specify by chemical name.)	Lb.	DRUG 8	XYZ	—	—	100	B
51204 Antiozonants derived from paraphenylinediamine.	Lb.	ORGN 8	WXYZ	—	—	100	B
51204 Pentex	Lb.	ORGN 8	YZ	—	—	—	B
51204 Other rubber compounding chemicals, n.e.c.	Lb.	ORGN 8	XYZ	—	—	100	B
51205 Esters of trimethylol propane or trimethylol ethane or pentaerythritol with saturated monobasic acids containing more than six carbon atoms, including but not limited to trimethylolpropane tripelargonate.	Lb.	ORGN 1	TVWXYZ	500	100	—	A E-14
51205 Esters of saturated aliphatic monohydric alcohols containing more than six carbon atoms with adipic or azelaic or sebacic acids, including but not limited to nonyl sebacates, nonyl azelates, nonyl adipates, octyl sebacates, octyl azelates, and octyl adinates.	Lb.	ORGN 1	TVWXYZ	500	100	—	A E-14
51205 Other esters of saturated monohydric alcohols with dibasic saturated aliphatic acids where both of the two constituents contain six or more carbon atoms.	Lb.	ORGN 2	TVWXYZ	500	100	—	E-14

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[1] See paragraph 370.5(c) for commodities which require export authorization from the U. S. Treasury Department.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
51205 Esters of dibasic saturated aliphatic acids combined with polyglycols, where one or both of the two constituents contain six or more carbon atoms.	Lb.	ORGN 2	TVWXYZ	500	100	—	E-14
51205 Polyphenyl ethers containing more than three phenyl groups.	Lb.	ORGN 1	TVWXYZ	500	250	—	A E-14
51205 Triethylene glycol di 2-ethyl-butyrate	Lb.	ORGN 2	TVWXYZ	500	100	—	E-14
51205 Methyl stearate; and triethyl phosphate.	Lb.	ORGN 8	YZ	—	—	—	B
51205 All other plasticizers	Lb.	ORGN 8	XYZ	—	—	100	B
51206 Fungicides; herbicides; dichlorodiphenyl trichloroethane (DDT); polychlor insecticides; organic phosphate insecticides; copper (cupric) acetoarsenite (paris green); sulphoxide N-Octyl sulphoxide of isosafrole; fumigants (soil, grain, industrial); and soil conditioners. (Specify by chemical name.)	Lb.	AGSU 8	XYZ	—	—	100	B
51206 Other insecticides; rodenticides and fumigants *the following only:* phenyl mercury acetate; benzene hexachloxide, technical; paradichlorobenzene; sodium floroacetate; Dowfume 75®; and Dowfume MC-2®.	Lb.	AGSU 8	YZ	—	—	—	B
51206 Other pesticides and synthetic agricultural chemicals (technical, not formulations).	Lb.	SALT 8	YZ	—	—	—	B
51207 Anti-knock agents	Lb.	ORGN 8	WXYZ	—	—	100	B
51207 Nerol and phenyl nerol	Lb.	ORGN 8	XYZ	—	—	100	B
51207 Other chemicals for flavor and perfumery use, natural origin. (Specify by chemical name.)	Lb.	ORGN 8	YZ	—	—	—	B
51207 Other chemicals for flavor and perfumery use, synthetic origin; compounds containing natural and/or synthetic essential oils.	Lb.	ORGN 8	Z	—	—	—	B
51207 Diastefor; rennet, dry or liquid; rennin; and thromboplastin.	Lb.	DRUG 8	Z	—	—	—	B
51207 Other enzymes	Lb.	DRUG 8	XYZ	—	—	100	B
51208 Diorthotolyurethane; diphenylurethane; ethyl phenyl urethane; methyl NN-diphenylurea (methyl unsymmetrical diphenylurea); 2-nitrodiphenylamine; and NN-diphenylurea (unsymmetrical diphenylurea).	Lb.	ORGN 3	TVWXYZ	500	—	—	A E-14
51208 Ethyl centralite; ethyl NN-diphenylurea (ethyl unsymmetrical diphenylurea); and methyl centralite.	Lb.	ORGN 3	TVWXYZ	500	100	—	A E-14
51208 Polyphenyl ethers containing more than three phenyl groups.	Lb.	ORGN 3	TVWXYZ	500	250	—	A E-14
51208 Alphatrioxymethylene (for example, Trioxane®).	Lb.	ORGN 8	WXYZ	—	—	100	B
51208 Cadmium salicylate	Lb.	ORGN 8	YZ	—	—	—	B
51208 Xanthophyll feed supplement	Lb.	DRUG 8	Z	—	—	—	B
51208 Photographic chemicals, films developers only.	Lb.	ORGN 8	Z	—	—	—	B

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Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
51208 Other cyclic chemical products, n.e.c.	Lb.	ORGN 8	XYZ	—	—	100	B
51209 Guanidine nitrate	Lb.	SALT 1	TVWXYZ	500	100	—	A E-13
51209 Monomethyl hydrazine	Lb.	SALT 1	TVWXYZ	500	—	—	A E-13
51209 3 nitraza-1,5 pentane diisocyanates [di (2-isocyano ethyl) nitramine].	Lb.	SALT 1	TVWXYZ	500	—	—	A
51209 Symmetrical dimethylhydrazine	Lb.	SALT 1	TVWXYZ	500	—	—	A E-13
51209 Tetrazene [1-guanyl (5' tetrazolyl) 4 guanyltetrazine hydrate].	Lb.	SALT 1	TVWXYZ	500	—	—	A E-13
51209 Chloropentafluorobutadiene	Lb.	SALT 1	TVWXYZ	500	500	—	A E-14
51209 Copolymers of bromotrifluoroethylene and chlorotrifluoroethylene.	Lb.	SALT 1	TVWXYZ	500	500	—	A E-14
51209 Dibromotetrafluoroethane	Lb.	SALT 1	TVWXYZ	500	25	—	A E-14
51209 Difluoroethane; monochlorodifluoroethane; and monochlorodifluoromethane. (Specify by name.)	Lb.	SALT 2	TVWXYZ	500	100	—	E-14
51209 Fluoroalcohol esters	Lb.	ORGN 1	TVWXYZ	500	250	—	A E-14
51209 Hexafluoropropylene	Lb.	SALT 1	TVWXYZ	500	500	—	A E-14
51209 Polybromotrifluoroethylene	Lb.	SALT 1	TVWXYZ	500	25	—	A E-14
51209 Tetrafluoroethylene	Lb.	SALT 1	TVWXYZ	500	25	—	A E-14
51209 Tetrafluoromethane	Lb.	SALT 2	TVWXYZ	1,000	1,000	—	E-14
51209 Trichlorotrifluoroethane; and dichlorotetrafluoroethane. (Specify by name.)	Lb.	SALT 1	TVWXYZ	500	500	—	A E-14
51209 Trifluoromonochloroethylene	Lb.	SALT 1	TVWXYZ	500	25	—	A E-14
51209 Vinylidene fluoride	Lb.	SALT 1	TVWXYZ	500	100	—	A E-14
51209 Trichloroethylene specially purified and/or neutrally stabilized for precision type metal cleaning or degreasing.	Lb.	ORGN 2	TVWXYZ	500	—	—	
51209 Bromomonochlorodifluoromethane; dibromodifluoromethane; dibromomonochlorotrifluoroethane; monobromotrifluoromethane; monochloropentafluoroethane; monochlorotrifluoromethane; octafluorocyclobutane; and tetrachlorodifluoroethane.	Lb.	ORGN 8	WXYZ	—	—	100	B
51209 Other organo-fluorine compounds, n.e.c.	Lb.	SALT 8	XYZ	—	—	100	B
51209 Organic flocculating agents	Lb.	ORGN 8	WXYZ	—	—	100	B
51209 Barium styphnate	Lb.	SALT 2	TVWXYZ	500	100	—	E-13
51209 Bis 2 (2, 2' dinitropropyl) formal and acetal	Lb.	ORGN 1	TVWXYZ	500	250	—	A
51209 2-cyanoacetamide	Lb.	ORGN 2	TVWXYZ	500	100	—	
51209 Diethylaminoethanol	Lb.	ORGN 2	TVWXYZ	500	100	—	
51209 Diethylene triamine	Lb.	ORGN 1	TVWXYZ	500	500	—	A E-14
51209 Di-ethyl methyl phosphonite	Lb.	ORGN 2	TVWXYZ	500	25	—	
51209 Di-isopropyl amino ethyl chloride hydrochloride.	Lb.	ORGN 2	TVWXYZ	500	25	—	
51209 Di-isopropyl carbodiimide	Lb.	ORGN 2	TVWXYZ	500	100	—	
51209 2-Di-isopropyl aminoethanol	Lb.	ORGN 2	TVWXYZ	500	100	—	
51209 Di-methyl hydrogen phosphite	Lb.	ORGN 2	TVWXYZ	500	25	—	
51209 2, 2' Dinitropropanol	Lb.	ORGN 1	TVWXYZ	500	—	—	A

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
51209 Esters of trimethylol propane or trimethylol ethane or pentaerythritol with saturated monobasic acids containing more than six carbon atoms (including but not limited to trimethylolpropane tripelargonate).	Lb.	ORGN 1	TVWXYZ	500	100	—	A E-14
51209 Esters of saturated aliphatic monohydric alcohols containing more than six carbon atoms with adipic or azelaic or sebacic acids (including but not limited to nonyl sebacates, nonyl azelates, nonyl adipates, octyl sebacates, octyl azelates, and octyl adipates).	Lb.	ORGN 1	TVWXYZ	500	100	—	A E-14
51209 Esters of dibasic saturated aliphatic acids combined with polyglycols, where one or both of the two constituents contain six or more carbon atoms.	Lb.	ORGN 2	TVWXYZ	500	100	—	E-14
51209 Other esters of saturated monohydric alcohols with dibasic saturated aliphatic acids where both of the two constituents contain six or more carbon atoms.	Lb.	ORGN 2	TVWXYZ	500	250	—	E-14
51209 Lead trinitroresorcinate	Lb.	SALT 1	TVWXYZ	500	25	—	A E-13
51209 Lysergic acid di ethyl amide	Lb.	ORGN 2	TVWXYZ	500	100	—	
51209 Malononitrile	Lb.	ORGN 2	TVWXYZ	500	25	—	
51209 Methyl dichlor phosphine	Lb.	ORGN 2	TVWXYZ	500	25	—	
51209 Methyl isonicotenate	Lb.	ORGN 2	TVWXYZ	500	25	—	
51209 Methyl phosphonyl dichloride	Lb.	ORGN 2	TVWXYZ	500	100	—	
51209 N, N-diethyl ethylene diamine (diethylamino ethylamine).	Lb.	ORGN 2	TVWXYZ	1,000	1,000	—	
51209 Triethylene glycol di 2-ethylbutyrate	Lb.	ORGN 2	TVWXYZ	500	100	—	E-14
51209 Organic chemicals, *the following only:* alpha trioxymethylene (for example Trioxane®; 2,4,4, trimethylpentene; isopropyl ether; pentaerythritol; and thiodiglycol.	Lb.	ORGN 8	WXYZ	—	—	100	B
51209 Organic chemicals, *the following only:* A, B-dibromopropionic acid; adenylic acid; camphoric acid; camphosulfuric acid; corn protein denaturant; crotonaldehyde; cyanacetamide; diacetone alcohol; diethyl malonate; dimethyl glyoxime; dipentaerythritol acetate; dipentaerythritol hexapropionate; dipentaerythritol hexybutyrate; ethyl alcohol; ethyl butyrate; ethyl chloride; ethyl chloroacetate; ethyl chlorocarbonate; ethyl formate; ethyl hydrogen sulfate; ethyl lactate; ethyl malonate; ethyl mercaptan; glutaronitrile; glyceryl monostearate; methyl glutamate; methyl hydroxy acetate (methyl glycolate); methylinoylacetaldehyde; monoisopropanolamine; monopentaerythritol diacetate dibutyrate; monopentaerythritol tetrabutyrate; pentanedione 2-4 (acetylacetone); and perpinyl acetate.	Lb.[1]	ORGN 8	YZ	—	—	—	B

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[1] Report ethyl alcohol in "gallon."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
51209 Cobalt salts of organic compounds.....	Lb.	ORGN 8	WXYZ	—	—	100	B
51209 Lithium salts of organic compounds.....	Lb.	ORGN 1	TVWXYZ	500	25	—	A E-13
51209 Yttrium salts of organic compounds.....	Lb.	ORGN 2	TVWXYZ	500	25	—	E-13
51209 Triethyl aluminum; trimethyl aluminum; dibutyl tin compounds; triethylborane, tripropyl borane, triisopropyl borane, and other organic compounds useable as catalysts in petroleum and chemical processing operations.	Lb.	ORGN 8	WXYZ	—	—	100	B
51209 Esters of boric acid.....	Lb.	ORGN 1	TVWXYZ	500	500	—	A E-13
51209 Oleic acid; stearic acid; monosodium glutamate and products; and lecithin.	Lb.	AGRI 8	Z	—	—	—	B
51209 Acetobromopropyl lactate	Lb.	DRUG 8	Z	—	—	—	B
51209 Miscellaneous organic chemicals, excluding cyclic, n.e.c., *the following only:* aluminum stearate solution for water-proofing masonry; brewer's finings; brewers' tank coating compound; ceramic printing paste; chemical compounds for manufacturing ice cream; chill proofing compounds; clarifier, for beer or ale; clarifying powder for wines; concrete hardeners; concrete plasticizer compounds; concrete waterproofing compound; denatured alcohol, solidified; dimethylphenylbenzyl ammonium hydroxide; Diol oleate® (rubber thread lubricating compound); dough improvers; etching compounds; glycerol stearate (emulsifying agent); hat finishing powder; indicating paste; ink conditioners; ink eradicators; ink thinners, for cellophane printing; iron oxide suspension (spirit dispersion); laundry sour; leather binding compounds; lipstick bases; marble polish; meat curing compounds; metal patch alloy; metal patch solvents; metallic hardeners for cement floors; n-methyltaurine slurry; paper-coating paste; pickling inhibitors; platinum liquids for decorating china and glass; platinum plating solutions; road binding compound; rosin size; saturating compounds, asphalt base; screening pastes; secondary and minor plant nutrients, n.e.c.; shark deterrents; shaving cream base, concentrated; shellac substitutes; silk-stocking savers, in tablet form; silver liquids for decorating china and glass; soil conditioners, synthetic; and talc paste.	.....	SALT 8	Z	—	—	—	B
51209 Behenic acid; lauric acid; myristic acid; and palmetic acid.	Lb.	AGRI 8	YZ	—	—	—	B
51209 Methionine hydroxy analogue.....	Lb.	DRUG 8	YZ	—	—	—	B

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Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
51209 Miscellaneous organic chemicals, excluding cyclic, n.e.c., *the following only:* aluminum acetate; aluminum dihydroxyaminoacetate; aluminum formate solutions; aluminum isopropylate; aluminum lactate; aluminum octoate; aluminum oxiquinolate; ammonium acetate; ammonium bitartrate; ammonium ferric oxalate; ammonium oxalate; ammonium thioglycollate; antimony lactate; cadmium acetate; cadmium octoate; calcium acetate; calcium formate; calcium linoleate, except paint and varnish dryers; calcium tartrate; chlorophyll, dry; chlorophyll solution (in oil); iron protoxalate; iron sodium oxalate; magnesium oxyphenyl arsenate; manganese acetate; potassium acetate; potassium bitartrate; potassium oxalate; potassium oxichinolin sulfonate; potassium salicylate; sodium allyl arsenate; sodium bitartrate (acid sodium tartrate); sodium formate; sodium gluconate; sodium methylate; sodium oxalate; sodium potassium tartrate; sodium salicylate; sodium stearate; tartar emetic; zinc acetate; and zinc stearate.	Lb.	SALT 8	YZ	—	—	—	B
51209 Other miscellaneous industrial and other organic chemicals, including intermediates, n.e.c.	Lb.[1]	ORGN 8	XYZ	—	—	100	B
51310 Oxygen, including ozone, nitrogen, hydrogen, and rare gases, *excluding helium and mixtures thereof.*[2]	M. cu. ft.	SALT 8	XYZ	—	—	100	B
51327 Carbon black, all forms; and carbon, *except gas carbon.*	Lb.	SALT 8	XYZ	—	—	100	B
51329 Boron element (metal), all forms.....	Lb.	MINL 1	TVWXYZ	500	100	—	A E-7
51329 Calcium metal containing less than one hundredth (0.01) percent by weight of impurities other than magnesium *and* less than 10 parts per million of boron.	Lb.	MINL 1	TVWXYZ	500	—	—	A E-7
51329 Lithium metals	Lb.	MINL 1	TVWXYZ	500	—	—	A E-7
51329 Quicksilver or mercury.....	Lb.	MINL 2	TVWXYZ	500	100	—	E-7
51329 Polycrystalline silicon of a purity of 99.99 percent or more.	Lb.	MINL 1	TVWXYZ	500	—	—	A E-7
51329 Polycrystalline silicon of a purity of 99.9 percent up to but not including 99.99 percent.	Lb.	MINL 2	TVWXYZ	500	500	—	E-7
51329 Monocrystalline silicon	Lb.	MINL 1	TVWXYZ	500	—	—	A E-7
51329 Yttrium metal and powders.....	Lb.	MINL 2	TVWXYZ	500	—	—	E-7
51329 Phosphorus, elemental	Lb.	SALT 8	WXYZ	—	—	100	B
51329 Arsenic powder; pyrographite (deposited carbon); iodine U.S.P. (resublimed); and sulfur, sublimed, precipitated, or colloidal sulfur.	Lb.	SALT 8	XYZ	—	—	100	B

[1] Report methanol in "gallon"; report acetylene in "thousand cubic feet"; and report glycerine in "content pound."
[2] Helium and mixtures thereof require export authorization from the U. S. Department of State. See paragraph 370.5(a).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List	
				T	V	X		
51329 Other chemical elements, n.e.c.[1]	Lb.	SALT 8	YZ	—	—	—	B	
51333 Sulfuric acid; and oleum	Cnt. lb.	SALT 8	XYZ	—	—	100	B	
51338 Fluoroboric acid (all concentrations)	Cnt. lb.	SALT 1	TVWXYZ	500	500	—	A	E-13
51338 Boric acid in which the boron-10 isotope comprises more than 20 percent of the total boron content.	Cnt. lb.	SALT 1	TVWXYZ	500	100	—	A	E-13
51338 Other boric acids	Cnt. lb.	SALT 2	TVWXYZ	1,000	1,000	—		E-13
51338 Hydrochloric or muriatic acid	Lb.	SALT 8	YZ	—	—	—	B	
51338 Other inorganic acids and oxygen compounds of non-metals or metalloids.	Lb.	SALT 8	XYZ	—	—	100	B	
51340 Bromine trifluoride; bromine pentafluoride; phosphorus oxychloride; and phosphorus trichloride.	Lb.	SALT 8	WXYZ	—	—	100	B	
51340 Chlorine trifluoride	Lb.	SALT 1	TVWXYZ	500	100	—	A	E-13
51340 Other halogen compounds and sulfur compounds of non-metals or of metalloids.[2]	Lb.	SALT 8	XYZ	—	—	100	B	
51350 Cobalt oxide; and cobalt hydroxide	Lb.	SALT 2	TVWXYZ	1,000	1,000	—		E-13
51350 Iron hydroxide; zinc hydroxide; and zinc peroxide.	Lb.	SALT 8	YZ	—	—	—	B	
51350 Iron oxide pigments	Lb.	SALT 8	Z	—	—	—	B	
51350 Catalysts useable in petroleum and chemical processing operations.	Lb.	SALT 8	WXYZ	—	—	100	B	
51350 Other oxides of zinc, titanium, manganese, lead, or iron.	Lb.	SALT 8	XYZ	—	—	100	B	
51361 Ammonia, anhydrous or in aqueous solution (including fertilizer material).	Cnt. lb.	SALT 8	XYZ	—	—	100	B	
51362 Sodium hydroxide (caustic soda) solid and liquid.	Lb.[3]	SALT 8	XYZ	—	—	100	B	
51363 Potassium hydroxide or caustic potash	Lb.	SALT 8	YZ	—	—	—	B	
51363 Peroxides of potassium or sodium	Lb.	SALT 8	XYZ	—	—	100	B	
51364 Magnesium oxide, precipated, purity 97 percent or higher.	Lb.	SALT 2	TVWXYZ	500	50	—		E-13
51364 Catalysts useable in petroleum and chemical processing operations.	Lb.	SALT 8	WXYZ	—	—	100	B	
51364 Other oxides, hydroxides and peroxides of strontium, barium or magnesium.	Lb.	SALT 8	XYZ	—	—	100	B	
51365 Alumina, all types, 99 percent purity and over.	Lb.	MINL 2	TVWXYZ	500	—	—		
51365 Aluminum oxide and hydroxide catalysts useable in petroleum and chemical processing operations.	Lb.	SALT 8	WXYZ	—	—	100	B	
51365 Other aluminum oxide and aluminum hydroxide.	Lb.	SALT 8	YZ	—	—	—	B	
51366 Artificial corundum	Lb.	MINL 8	XYZ	—	—	100	B	
51367 Catalysts useable in petroleum and chemical processing operations.	Lb.	SALT 8	WXYZ	—	—	100	B	

[1] Fluorine requires export authorization from the U. S. Department of State. See paragraph 370.5(a).
[2] See paragraph 370.5(a) for commodities which require authorization from the U. S. Department of State.
[3] Report liquid form in "content pound."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
51367 Other chromium oxides, anhydrides, and hydroxides.	Lb.	SALT 8	XYZ	—	—	100	B
51368 Tin oxides	Lb.	SALT 8	XYZ	—	—	100	B
51369 Beryllium oxides, beryllium hydroxides, and other beryllium compounds.	Lb.	SALT 1	TVWXYZ	500	500	—	A E-13
51369 Monocrystalline gallium compounds. (Specify by chemical name.)	Lb.	SALT 1	TVWYXZ	500	—	—	A E-13
51369 Other gallium salts and compounds. (Specify by chemical name.)	Lb.	SALT 2	TVWXYZ	500	—	—	E-13
51369 Germanium compounds, 99.99 percent or better purity.	Lb.	SALT 2	TVWXYZ	500	500	—	E-13
51369 Hafnium oxides containing more than 15 percent hafnium by weight. (State hafnium content.)	Lb.	SALT 1	TVWXYZ	500	—	—	A E-13
51369 Hafnium oxides containing 15 percent or less hafnium by weight. (State hafnium content.)	Lb.	SALT 2	TVWXYZ	500	—	—	E-13
51369 Lithium oxides and hydroxides	Lb.	SALT 1	TVWXYZ	500	25	—	A E-13
51369 Rhenium oxides and compounds	Lb.	SALT 2	TVWXYZ	500	—	—	
51369 Tantalum, niobium (columbium), and tantalum-niobium (columbium) oxides.	Lb.	SALT 1	TVWXYZ	500	25	—	A E-13
51369 Zirconium oxide containing less than one part hafnium to 500 parts zirconium. (Specify by name.) (State hafnium content.)	Lb.	SALT 1	TVWXYZ	500	25	—	A E-13
51369 Other zirconium oxide, purity 97 percent or higher, or stabilized with lime and/or magnesia. (State hafnium content.)	Lb.	SALT 2	TVWXYZ	500	25	—	E-13
51369 Yttrium oxides, hydroxides and peroxides (compounds). (Specify by name.)	Lb.	SALT 2	TVWXYZ	500	25	—	E-13
51369 Nickel oxide and other catalysts useable in petroleum and chemical processing operations.	Lb.	SALT 8	WXYZ	—	—	100	B
51369 Other inorganic bases and metallic oxides, hydroxides and peroxides.[1]	Lb.	SALT 8	XYZ	—	—	100	B
51440 Calcium sulfate	Lb.	SALT 8	Z	—	—	—	B
51440 Other inorganic pigments, n.e.c.	Lb.	SALT 8	XYZ	—	—	100	B
51450 Aluminum compounds, useable as catalysts for petroleum and chemical processing operations.	Lb.	SALT 8	WXYZ	—	—	100	B
51450 Aluminum compounds, *the following only:* alum, crystallized; aluminum fluoride; aluminum nitrate; aluminum silicate; ammonia alum; potash alum; potassium alum; potassium aluminum sulfate; soda alum; sodium aluminate; and sodium aluminum sulfate.	Lb.	SALT 8	YZ	—	—	—	B
51450 Other aluminum compounds, n.e.c.	Lb.	SALT 8	XYZ	—	—	100	B
51460 Borohydrides and other boron compounds and mixtures containing 5 percent or more boron, *except fluoroborates, perborates, and inorganic borates.*	Lb.	SALT 1	TVWXYZ	500	100	—	A E-13

[1] Hydrazine and hydrazine hydrate require export authorization from the U. S. Department of State. See paragraph 370.5(a).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
51460 Potassium fluoroborates; and sodium fluoroborates.	Lb.	SALT 1	TVWXYZ	500	500	—	A E-13
51460 Other fluoroborates; and borates refined....	Lb.	SALT 2	TVWXYZ	500	500	—	E-13
51460 Sodium azide	Lb.	SALT 1	TVWXYZ	500	—	—	A E-13
51460 Sodium perchlorate; and potassium perchlorate.	Lb.	SALT 8	WXYZ	—	—	100	B
51460 Molecular sieves, not loaded (for example, sodium aluminosilicate). (Specify type and form, such as powder or pellets.) [Report molecular sieves, loaded, in Export Control Commodity No. 59999.]	Lb.	SALT 2	TVWXYZ	1,000	1,000	—	
51460 Sodium compounds and potassium compounds, *the following only:* potash-magnesia carbonate; potassium arsenite; potassium bicarbonate; potassium bisulfate; potassium meta-bisulfite; potassium phosphate, monobasic; potassium silicate; potassium sulfate; potassium sulfide; rochelle salts; sodium ammonium phosphate; sodium arsenate; sodium bisulfite; sodium chlorite; sodium orthosilicate; sodium sesquicarbonate; sodium silicate or water glass; sodium sulfate; and sodium thiosulfate.	Lb.	SALT 8	YZ	—	—	—	B
51460 Sodium bicarbonate (baking soda); and sodium propionate (bread making compound).	Lb.	SALT 8	Z	—	—	—	B
51460 Other sodium and potassium compounds, n.e.c.[1]	Lb.	SALT 8	XYZ	—	—	100	B
51470 Boron carbide, crude and in grains; and cubic boron nitride.	Lb.	MINL 1	TVWXYZ	500	500	—	A E-8
51470 Tantalum carbide	Lb.	MINL 1	TVWXYZ	500	100	—	A
51470 Lead thiocyanate.	Lb.	SALT 1	TVWXYZ	500	250	—	A E-13
51470 Molybdenum disulfide, 86 percent content or higher.	Lb.	SALT 2	TVWXYZ	1,000	1,000	—	E-13
51470 Molecular sieves, not loaded (for example, crystalline calcium alumino-silicate). (Specify type and form, such as powder or pellets.) [Report molecular sieves, loaded, in Export Control Commodity No. 59999.]	Lb.	ORGN 2	TVWXYZ	1,000	1,000	—	
51470 Calcium chloride and salt compound.....	Lb.	SALT 8	Z	—	—	—	B
51470 Other calcium salts and compounds, n.e.c....	Lb.	SALT 8	XYZ	—	—	100	B
51470 Boron trichloride and its complexes; and boron trifluoride and its complexes.	Lb.	SALT 1	TVWXYZ	500	100	—	A E-13
51470 Ammonium fluoroborate	Lb.	SALT 1	TVWXYZ	500	500	—	A E-13
51470 Boron hydride; and boron nitride.....	Lb.	SALT 1	TVWXYZ	500	100	—	A E-13
51470 Other boron compounds and mixtures containing 5 percent or more boron, *except boric oxides, borates, and fluoroborates.*	Lb.	SALT 1	TVWXYZ	500	—	—	A E-13

[1] Potassium nitrate requires export authorization from the U. S. Department of State. See paragraph 370.5(a).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
51470 Other boron compounds and mixtures.....	Lb.	SALT 2	TVWXYZ	1,000	1,000	—	E-13
51470 Hydrogen peroxide or dioxide, 66 up to and including 85 percent strength.[1]	Lb.	SALT 1	TVWXYZ	500	—	—	A E-13
51470 Hydrogen peroxide or dioxide, 50 up to and including 65 percent strength.	Lb.	SALT 2	TVWXYZ	1,000	1,000	—	E-13
51470 Hydrogen peroxide or dioxide, 6 up to and including 49 percent strength.	Lb.	SALT 8	XYZ	—	—	100	B
51470 Hydrogen peroxide or dioxide, less than 6 percent strength.	Lb.	SALT 8	Z	—	—	—	B
51470 Hafnium compounds containing more than 15 percent hafnium by weight. (Specify by name and state hafnium content.)	Lb.	SALT 1	TVWXYZ	500	—	—	A E-13
51470 Hafnium compounds containing 15 percent or less hafnium by weight. (Specify by name and state hafnium content.)	Lb.	SALT 2	TVWXYZ	500	—	—	E-13
51470 Beryllium compounds (including, but not limited to, beryllium nitrate, beryllium sulfate, beryllium carbonate, zinc beryllium silicate). (Specify by name.)	Lb.	SALT 1	TVWXYZ	500	500	—	A E-13
51470 Cobalt carbonate; cobalt oxalate; cobalt sulfide; and cobalt phosphide.	Lb.	SALT 2	TVWXYZ	1,000	1,000	—	E-13
51470 Other cobalt compounds, n.e.c.....	Lb.	SALT 8	WXYZ	—	—	100	B
51470 Yttrium compounds. (Specify by name.)...	Lb.	SALT 2	TVWXYZ	500	—	—	E-13
51470 Monocrystalline indium compounds. (Specify by name.)	Lb.	SALT 1	TVWXYZ	500	250	—	A E-13
51470 Other indium salt and compounds. (Specify by name.)	Lb.	SALT 2	TVWXYZ	500	250	—	E-13
51470 Germanium compounds, 99.99 percent or better purity.	Lb.	SALT 2	TVWXYZ	500	—	—	E-13
51470 Lithium salts and compounds (including, but not limited to, lithium bromide, lithium carbonate, lithium hydride, lithium iodide, lithium potassium ferrocyanide, and lithium zirconium silicate).	Lb.	SALT 1	TVWXYZ	500	25	—	A E-13
51470 Tantalum compounds; niobium (columbium) compounds; and tantalum-niobium (columbium) compounds. (Specify by name.)	Lb.	SALT 1	TVWXYZ	500	250	—	A E-13
51470 Zirconium compounds containing less than one part hafnium to 500 parts zirconium. (Specify by name.) (State hafnium content.)	Lb.	SALT 1	TVWXYZ	500	25	—	A E-13
51470 Lead azide; and mercury (mercuric) fulminate.	Lb.	SALT 1	TVWXYZ	500	25	—	A E-13
51470 Silicon carbide, all types, 99 percent purity and over.	Lb.	MINL 2	TVWXYZ	500	—	—	
51470 Titanium carbide	Lb.	MINL 8	WXYZ	—	—	100	B
51470 Titanium tetrachloride; and titanium trichloride.	Lb.	SALT 8	WXYZ	—	—	100	B

[1] Hydrogen peroxide or dioxide in excess of 85 percent concentration requires export authorization from the U.S. Department of State. See paragraph 370.5(a).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
51470 Calcium molybdates or molybdenum carbides containing 50 percent or more molybdenum.	Lb.	MINL 3	TVWXYZ	500	100	—	A E-7
51470 Calcium molybdates or molybdenum carbides containing less than 50 percent molybdenum.	Lb.	MINL 4	TVWXYZ	500	100	—	E-7
51470 Ammonium molybdate; other molybdenum salts and compounds; nickel chloride; and nickel sulfate.	Lb.	SALT 8	WXYZ	—	—	100	B
51470 Other catalysts useable in petroleum and chemical processing operations.	Lb.	SALT 8	WXYZ	—	—	100	B
51470 Ammonium metavanadate; silicon carbide less than 99 percent purity; and calcium boride.	Lb.	MINL 8	XYZ	—	—	100	B
51470 Rhenium compounds.....	Lb.	SALT 2	TVWXYZ	500	—	—	
51470 Insecticides, fumigants, rodenticides, and fungicides, inorganic, except formulations.	Lb.	AGSU 8	YZ	—	—	—	B
51470 Herbicides and defoliants, inorganic, except formulations.	Lb.	AGSU 8	XYZ	—	—	100	B
51470 Tungsten carbide powder.....	Lb.	MINL 8	YZ	—	—	—	B
51470 Industrial chemicals, as follows: cadmium sulfate; calcium carbide; calcium chloride; calcium polysulfide; calcium silicate; carbic cake; carbic carbides; carbide powder, *except abrasive powders;* chalk, precipitated; dicalcium phosphate; epsom salts; ferrous carbonate; ferrous chloride; ferrous sulfate; iron chloride; iron phosphate; iron sulfate; iron sulfide, artificial; lead arsenite; lime bisulfate; lime phosphate; magnesium arsenide; magnesium phosphate; magnesium silicate; magnesium silicofluoride; magnesium sulfate; magnesium trisilicate; monocalcium phosphate; monocalcium sulphate; palladium chloride; palladium salts and compounds; pea carbide; silver chlorides; silver cyanide, industrial; silver nitrate; silver sulfate; silver sulfide; sodium chlorite; sodium silico aluminate; zinc carbonate; zinc cyanide; zinc hydrosulfite; zinc nitrate; zinc phosphate; and zinc sulfate.	Lb.	SALT 8	YZ	—	—	—	B
51470 Ferrophosphorus, containing 15 percent or more by weight of phosphorus; manganese boride; and silicon carbide non-slip surfacing material.	Lb.	MINL 8	Z	—	—	—	B
51470 Other inorganic chemicals, n.e.c.[1].....	.....[2]	SALT 8	XYZ	—	—	100	B
51480 Inorganic medicinal chemicals, n.e.c., in bulk, for which industrial grades are included under other Export Control Commodity Nos.	Lb.	Export controls applicable to these commodities are those which apply to the industrial grades.					
51480 Other inorganic medicinal chemicals, n.e.c., in bulk. [Report inorganic medicinal chemical mixtures or compounds, in bulk, in Export Control Commodity No. 54170.]	Lb.	DRUG 8	XYZ	—	—	100	B

[1] Military gases and ammonium perchlorate require export authorization from the U. S. Department of State. See paragraph 370.5(a).
[2] Report alkalies, ammonium compounds and bleaching compounds in "pound"; and report liquid air in "thousand cubic feet."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
51500 Radioisotopes, cyclotron-produced or naturally occurring, having an atomic number 3 through 83, and compounds and preparations thereof; and radium, radium salts and compounds. (Specify by name.)[1]	.....	DRUG 8	XYZ	—	—	100	B
51500 Other radioisotopes, cyclotron-produced or naturally occurring, and compounds and preparations thereof. (Specify by name.)[1]	.....	DRUG 2	TVWXYZ	500	—	—	
51500 Other stable isotopes	.....	SALT 8	XYZ	—	—	100	B
51500 Polonium metal	Lb.	MINL 2	TVWXYZ	500	—	—	E–7
51500 Deuterium and compounds, mixtures, and solutions containing deuterium, including heavy water and heavy paraffin, in which the ratio of deuterium atoms to hydrogen atoms exceeds 1:5000 by number.	.....	SALT 1	TVWXYZ	500	—	—	A E–13
51500 Other deuterium and compounds, mixtures, and solutions containing deuterium, including heavy water and heavy paraffin. (Specify by name.)	.....	SALT 2	TVWXYZ	500	—	—	E–13
51500 Polonium-bearing salts and compounds. (Specify by name.)	.....	SALT 2	TVWXYZ	500	—	—	E–13
51500 Radium metal and alloys (radium content)	.....	MINL 8	YZ	—	—	—	B
MINERAL TAR, TAR OILS, AND CRUDE CHEMICALS FROM COAL, PETROLEUM, AND NATURAL GAS							
52110 Mineral tar	Gal.	ORGN 8	Z	—	—	—	B
52130 Ammoniacal gas liquors and spent oxide produced in coal gas purification.	Cnt. lb.	ORGN 8	XYZ	—	—	100	B
52140 Benzene, crude	Gal.	ORGN 8	Z	—	—	—	B
52140 Toluene, crude	Gal.	ORGN 8	WXYZ	—	—	100	B
52140 Creosote or dead oil (includes creosote oil distillates; and resinous oil X-1).	Lb.	ORGN 8	YZ	—	—	—	B
52140 Other cyclic products of the distillation of coal tar.	Lb.	ORGN 8	XYZ	—	—	100	B
DYEING, TANNING, AND COLORING MATERIALS, NATURAL AND SYNTHETIC							
53101 Alizarin sulfonic; indigo, natural and synthetic; phenosafronine; and sulfur black.	Lb.	ORGN 8	XYZ	—	—	100	B
53101 Other synthetic organic dyestuffs. [Report household dyes and tints in Export Control Commodity No. 53332.]	Lb.	ORGN 8	Z	—	—	—	B
53102 Color lakes and toners (synthetic organic pigments).	Lb.	ORGN 8	Z	—	—	—	B

[1] Radioisotopes produced in a nuclear reactor, and compounds and preparations thereof, and uranium and thorium ores and concentrates are under the jurisdiction of the U. S. Atomic Energy Commission. See paragraph 370.5(d).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
53230 Chromium tanning mixtures	Lb.	SALT 8	XYZ	—	—	100	B
53230 Other synthetic organic dyestuffs	Lb.	SALT 8	Z	—	—	—	B
53290 Tannic acids (tannins) and derivatives	Lb.	ORGN 8	XYZ	—	—	100	B
53290 Tanning and dyeing extracts of vegetable or animal origin. [Report natural indigo in Export Control Commodity No. 53101.]	Lb.	TEXT 8	YZ	—	—	—	B
53310 Luminescent zinc pigments, not radioactivated.	Lb.	ORGN 8	YZ	—	—	—	B
53310 Fluorescent powders, daylight (magnesium sulfate and ammonium tungstate).	Lb.	ORGN 8	Z	—	—	—	B
53310 Other coloring materials (composites), n.e.c., including phosphors.	Lb.	ORGN 8	XYZ	—	—	100	B
53320 Printing inks	Lb.	ORGN 8	XYZ	—	—	100	B
53331 Prepared ceramic colors, including liquid lusters.	Lb.	ORGN 8	YZ	—	—	—	B
53331 Glass frit and all other varieties of glass (including vitrite) in the form of powder, granules, or flakes, whether or not colored or silvered; and vitrifiable enamel (frit) and slips.	Lb.	MINL 8	Z	—	—	—	B
53332 Varnishes, finishes, and enamels made of polypyromellitimide or polybenzimidazole. (Specify by name.)	Gal.	RESN 3	TVWXYZ	500	25	—	A E-3
53332 Finishes, enamels, and dispersions wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.)	Gal.	RESN 3	TVWXYZ	500	500	—	A E-3
53332 Finishes, enamels, and dispersions partially made of polytetrafluorochloroethylene. (Specify by name.)	Gal.	RESN 4	TVWXYZ	500	500	—	E-3
53332 Lacquers, *excluding aluminum, gold, pearl, and silver.*	Gal.	SALT 8	XYZ	—	—	100	B
53332 Varnishes, paints, and related materials as follows: fluorescent ready-mixed; antifouling types (including all those containing cuprous oxide); and those containing silicones.	Gal.	SALT 8	XYZ	—	—	100	B
53332 Dyes and tints, household	Lb.	ORGN 8	Z	—	—	—	B
53332 Pearl essence, natural	.....	AGRI 8	Z	—	—	—	B
53332 Other paints, enamels, varnishes, industrial product finishes, distempers, stamping foils, water pigments, and paint products, n.e.c.	.....[1]	SALT 8	Z	—	—	—	B
53333 Artists' colors	Lb.	SALT 8	Z	—	—	—	B
53334 Prepared paint and varnish driers	Lb.	SALT 8	Z	—	—	—	B
53335 Putty, painters' fillings, and similar pastes	Lb.	SALT 8	Z	—	—	—	B

[1] Report paints, enamels, varnishes and lacquers in "gallon."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
MEDICINAL AND PHARMACEUTICAL PRODUCTS							
54110 Vitamins and provitamins, bulk. [Report vitamin preparations of two or more substances, and vitamins in dosage form or packed for retail sale in Export Control Commodity No. 54170.]	Lb.	DRUG 8	Z	—	—	—	B
54130 Antibiotics, bulk	Cnt. gram [1]	DRUG 8	Z	—	—	—	B
54140 Vegetable alkaloids, their salts and other derivatives, bulk, *the following only:* ephetonin; ergometrine, ergonovine; eumydrine, n-hexyl nicotinate; narcotics; theamin; theophylline and tubocurarene chloride. (Specify by chemical name and form.) [2]	Lb.	DRUG 8	XYZ	—	—	100	B
54140 Other vegetable alkaloids, their salts, and other derivatives, bulk.	Lb.	DRUG 8	YZ	—	—	—	B
54150 Isopropyl adrenalin sulfate, bulk	Lb.	DRUG 8	XYZ	—	—	100	B
54150 Other hormones and their derivatives, bulk	Lb.	DRUG 8	Z	—	—	—	B
54161 Aloin	Lb.	DRUG 8	YZ	—	—	—	B
54161 Other glycosides and their derivatives	Lb.	DRUG 8	XYZ	—	—	100	B
54162 Beef glands; and inedible dried pancreas	.....	DRUG 8	YZ	—	—	—	B
54162 The following animal products used for medicinal purposes: beef brain powder; beef heart extract; bone marrow; bone marrow concentrate; brain substance powder; fibrin muscle; glycerin extract of brain and muscle; and glycerin extract, red bone marrow.	.....	DRUG 8	XYZ	—	—	100	B
54162 Other animal products used for medicinal purposes.	.....	DRUG 8	Z	—	—	—	B
54163 Ferments (other than yeast), *except potato flour ferment.*	Lb.	DRUG 8	XYZ	—	—	100	B
54163 Potato flour ferment; vaccines, serums, antitoxins and toxoids for human use; bacterial products, antisera, vaccines, toxins, and similar products, all forms, for veterinary use. (Specify by chemical name and form.)	.....[3]	DRUG 8	Z	—	—	—	B
54170 Medicinal chemicals, bulk, *the following only:* iron and arsenic; Neo-silvol®; Padrophyll® (propadrine hydrochloride and theophylline); procaine and epinephrine; Rezipas®; selenium sulfide bentonite; sulfoplex 10 per cent polythionate sodium solution; and Trophite® liquid mixture for manufacture of Trophite® (no vitamins included). (Specify by name and form.)	.....	DRUG 8	XYZ	—	—	100	B

® Trademark registered in the Patent Office of the United States.
[1] Report penicillin in "million units."
[2] See paragraph 370.5(c) for commodities which require export authorization from the U. S. Treasury Department.
[3] Report ferments in "pound."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
54170 Medicinal chemicals, bulk, *the following only:* acetanilid and hyocyamus compound; alumidyne granules; Amigen®; Apalamine tablet granulation®; and delcas.	.....	DRUG 8	YZ	—	—	—	B
54170 Other medicinal chemicals, including preparations, compounds or mixtures of two or more products, bulk, n.e.c. (Specify by name and form).	.....	DRUG 8	Z	—	—	—	B
54170 Narcotics, dosage or packed for retail sale.[1]	.....	DRUG 8	XYZ	—	—	100	B
54170 Alkaloids of cinchona bark, their salts, derivatives and preparations, dosage or packed for retail sale, *except parenteral solutions or ampoules;* and pharmaceutical preparations for veterinary use, dosage or packed for retail sale, *except antibiotics, sulfonamides, hormones, vitamins and minerals.*	.....	DRUG 8	YZ	—	—	—	B
54170 Other pharmaceutical preparations and medicinals, for human or veterinary use in dosage form or packed for retail sale.	.....[2]	DRUG 8	Z	—	—	—	B
54191 Absorbent cotton, absorbent rayon staple, sterilized gauze, sterilized bandages, and conforming bandages; not impregnated or coated with pharmaceutical products, but put up for retail sale.	Lb.	DRUG 8	YZ	—	—	—	B
54191 Other bandages, gauze, wadding, plasters, dressings, and similar articles impregnated or coated with pharmaceutical products, or put up for retail sale.	Lb.	DRUG 8	Z	—	—	—	B
54199 Surgical and medical apparatus wholly made of polytetrafluoroethylene.	.....	SATE 1	TVWXYZ	500	25	—	A
54199 First aid boxes and kits, military.....	.....	FINP 8	WXYZ	—	—	100	B
54199 First aid boxes and kits, nonmilitary.....	.....	SATE 8	Z	—	—	—	B
54199 Cobalt dental alloys containing *any* of the following: (a) 50 percent or more cobalt, (b) 19 percent or more cobalt and 14 percent or more chromium and less than 1 percent carbon, or (c) 19 percent or more cobalt and 14 percent or more chromium and 3 percent or more molybdenum.	Lb.	MINL 6	TVWXYZ	500	500	—	
54199 Other cobalt dental alloys.....	Lb.	MINL 8	WXYZ	—	—	100	B
54199 Other dental cements and fillings, including precious metals.	.....	SATE 8	Z	—	—	—	B
54199 Dental rubber	.....	DRUG 8	XYZ	—	—	100	B
54199 Other pharmaceutical goods, n.e.c.....	.....	DRUG 8	Z	—	—	—	B
54999 Medicinal and pharmaceutical products donated for relief or charity by individuals or private agencies.	Export controls applicable to each commodity under this classification are those which apply to the commodity when exported commercially under its individual Export Control Commodity Number.						

® Trademark registered in Patent Office of the United States.
[1] See paragraph 370.5(c) for commodities which require export authorization from the U. S. Treasury Department.
[2] Report penicillins in "million units."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
ESSENTIAL OILS AND PERFUME MATERIALS; TOILET, POLISHING, AND CLEANSING PREPARATIONS							
55110 Essential oils and resinoids	Lb.	DRUG 8	Z	—	—	—	B
55120 Flavor and perfume materials, other than chemical; flavor oil and perfume oil mixtures and blends.	Lb.	AGRI 8	Z	—	—	—	B
55300 Deodorants, non-personal	.....	AGSU 8	YZ	—	—	—	B
55300 Shaving preparations; perfumes; toilet water; colognes; hair preparations; dental creams; tooth pastes; mouth washes; cosmetic creams; lotions; balms; rouges; lipstick; eye make up; deodorants, personal; depilatories; and manicuring preparations.	.....[1]	DRUG 8	Z	—	—	—	B
55410 Soaps.	Lb.	AGRI 8	Z	—	—	—	B
55420 Surface-active detergents, *the following only:* Areskap 50 and 100; Arlacel®; Avitex®; Igepal® CO-403, CO-530, and CO-850; Morpelwet Z®; Neutronyx 300 and 834; Sapamine MS and WL®; Sequestrene®A, AA, and NA-2; Spans; and Tweens®.	Lb.	SALT 8	Z	—	—	—	B
55420 Other surface-active agents	Lb.	SALT 8	XYZ	—	—	100	B
55420 Detergents, *the following only:* Ethomid HT® 15; Intramin® WK and Y; and Permalene® A-100, A-120, and A-180.	Lb.	SALT 8	XYZ	—	—	100	B
55420 Other detergents and washing preparations, n.e.c.	Lb.	SALT 8	Z	—	—	—	B
55430 Rifle cleaning compounds; and abrasive pastes, compounds, and cake, except chemical.	Lb.	FINP 8	XYZ	—	—	100	B
55430 Steel burnishing mixture	Lb.	FINP 8	YZ	—	—	—	B
55430 Other cleansers and polishes; and leather dressings and finishes.	Lb.	FINP 8	Z	—	—	—	B
FERTILIZERS, MANUFACTURED							
56100 Natural animal or vegetable fertilizers chemically treated; and mixed fertilizers, *excluding ammonium phosphates.*	S. ton	AGSU 8	YZ	—	—	—	B
56100 Superphosphate; and potassic fertilizer, *excluding potassium chloride.*	S. ton	AGSU 8	Z	—	—	—	B
56100 Other chemical fertilizers	S. ton	AGSU 8	XYZ	—	—	100	B
EXPLOSIVES AND PYROTECHNIC PRODUCTS[2]							
57112 Oil well bullets; and jet perforators[3]	Lb.	CONS 2	VWXYZ	—	500	—	E-12

® Trademark registered in the Patent Office of the United States.
[1] Report dental creams, tooth pastes, and other dental preparations in "pound."
[2] See paragraph 370.5(a) for explosives which require export authorization from the U. S. Department of State.
[3] All oil well bullets, jet perforators, shaped charges or pellets used in oil well operations are under the jurisdiction of the U. S. Department of Commerce whether or not they contain explosive compounds mentioned on the Munitions List, paragraph 370.5(a).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
57112 Prepared explosives and priming compositions containing one or more of the following chemicals: mercury fulminate; lead azide; lead styphnate; lead thiocyanate; tetrazine; or diazodinitrophenol.	Lb.	ORGN 3	TVWXYZ	500	25	—	A E-14
57112 Prepared explosives and priming compositions containing either or both of the following chemicals: barium styphnate, or lead dinitroresorcinate.	Lb.	SALT 2	TVWXYZ	500	25	—	E-14
57112 Other explosives.[1]	Lb.	SALT 8	XYZ	—	—	100	B
57121 Mining, blasting and safety fuses. [Report ordnance fuses in Export Control Commodity No. 95106.]	Lin. ft.	ORGN 8	XYZ	—	—	100	B
57122 Electric squibs; Nos. 6 and 8 blasting caps, electric and nonelectric; delay electric blasting caps, including Nos. 6 and 8 and millisecond; seismograph electric blasting caps, including SSS, Static-Master, Vibrocap SR, and SEISMO SR.[2]	M	ORGN 8	XYZ	—	—	100	B
57130 Caps for cap (toy) pistols; firecrackers; pyrotechnic fountains, Roman candles, salutes, skyrockets and other commercial fireworks and pyrotechnics for entertainment only.	.....	FINP 8	YZ	—	—	—	B
57130 Other nonmilitary pyrotechnical articles.[3]	.....	FINP 8	XYZ	—	—	100	B
57140 Shotgun shells, and parts; and cartridges for powder-actuated industrial devices.	.....[4]	FINP 8	XYZ[5]	—	—[5]	100	B
57140 Caliber .22 rimfire, and under caliber .22 hunting and sporting ammunition, n.e.c. (Specify caliber.) [Report other than hunting and sporting ammunition in Export Control Commodity No. 95106.][6]	M	FINP 5	TVWXYZ	500	50	—	A
57140 BB shot	.....	FINP 5	Z	—	—	—	B
57140 Parts for hunting and sporting ammunition, caliber .22 rimfire, and under caliber .22.	.....	FINP 5	TVWXYZ	500	100	—	A
57140 Parts for hunting and sporting ammunition, caliber .22 (*except caliber .22 rimfire*) and over caliber .22, *except cartridge cases, powder bags, bullets, jackets, cores, shells (excluding shotgun) projectiles, boosters, percussion caps, fuzes and components therefor, primers, and other detonating devices.* (Specify by name.)[7]	.....	FINP 5	TVWXYZ	500	100	—	A

[1] See paragraph 370.5(a) for explosives which require export authorization from the U. S. Department of State.
[2] Other blasting caps, igniters and detonators require authorization from the U. S. Department of State. See paragraph 370.5(a).
[3] Military pyrotechnical articles require export authorization from the U. S. Department of State. See paragraph 370.5(a).
[4] Report shotgun shells and cartridges in "thousand."
[5] A validated export license is also required for shipments to the Republic of South Africa of shotgun shells and parts. In addition, a GLV dollar-value limit of $50 is established for the shipment of shotgun shells, and $100 for the shipment of parts for shotgun shells, to the Republic of South Africa.
[6] Export authorization from the U. S. Department of State is required for ammunition calibers .22 and over, *excluding caliber .22 rimfire*. See paragraph 370.5(a).
[7] Export authorization from the U. S. Department of State is required for cartridge cases, powder bags, bullets, jackets, cores, shells (excluding shotgun), projectiles, boosters, percussion caps, fuzes and components therefor, primers, and other detonating devices. See paragraph 370.5(a).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
PLASTIC MATERIALS, REGENERATED CELLULOSE, AND ARTIFICIAL RESINS							
58110 Synthetic film (including metallized) suitable for dielectric use (condenser tissue) 0.0015 inch (0.038 mm) or less in thickness, *excluding (a) tensilized polyester film with a thickness greater than 0.001 inch (0.0254 mm), and (b) untensilized polyester film with a thickness of 0.0007 inch (0.018 mm) up to and including 0.001 inch (0.0254 mm).*	Lb.	RESN 1	TVWXYZ	500	500	—	A
58110 Polyester film as follows: (a) tensilized film, with thickness greater than 0.001 inch (0.0254 mm.) up to and including 0.0015 inch (0.038 mm.); and (b) untensilized film with thickness greater than 0.0007 inch (0.018 mm.) up to and including 0.0015 inch (0.038 mm.).	Lb.	RESN 2	TVWXYZ	1,000	1,000	—	E-3
58110 Ion exchange membranes (all types); and ion exchange liquids. (Report styrene ion exchange resins in Export Control Commodity No. 58120.)	Lb.	RESN 2	TVWXYZ	500	500	—	E-3
58110 Other ion exchange resins. (Report styrene ion exchange resins in Export Control Commodity No. 58120.)	Lb.	RESN 8	WXYZ	—	—	100	B
58110 Fluorinated silicone rubbers and compounds. (Specify by name.)	Lb.	RUBR 1	TVWXYZ	500	100	—	A
58110 Other silicone rubbers and compounds.....	Lb.	RUBR 2	VWXYZ	—	1,000	—	E-1
58110 Acetal resins	Lb.	RESN 8	WXYZ	—	—	100	B
58110 Phenolic and other tar acid ion exchange resins. (Specify by name.)	Lb.	RESN 8	WXYZ	—	—	100	B
58110 Other condensation, polycondensation, and polyaddition products, unfinished or semifinished.	Lb.	RESN 8	XYZ	—	—	100	B
58120 Materials, unfinished or semifinished, designed and manufactured for use as absorbers of electromagnetic waves having frequencies greater than 200 megacycles per second.	Lb.	ELME 1	TVWXYZ	500	500	—	A
58120 Vinyl and vinyl copolymer resins, unfinished and semifinished, *excluding laminated, and excluding film and sheeting*, the following only: (a) polyvinyl fluoride, and (b) polyvinylidine fluoride.	Lb.	RESN 3	TVWXYZ	500	25	—	A E-3
58120 Diorgano siloxanes capable of being polymerized to rubbery products.	Lb.	RESN 2	TVWXYZ	1,000	1,000	—	E-3
58120 Fluorocarbon polymers or copolymers, unfinished or semifinished, *except when laminated or molded to other material.* (Specify by name.)[1]	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
58120 Other molding compositions containing more than 20 percent by weight of fluorocarbon polymers or copolymers.[1]	Lb.	RESN 2	TVWXYZ	500	500	—	E-3
58120 Polypyromellitimide, and polybenzimidazole, unfinished or semifinished.	Lb.	RESN 3	TVWXYZ	500	25	—	A E-3

[1] See § 399.2, Interpretation 22.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
58120 Pipe and tubing made of, lined with, or covered with polytetrafluoroethylene or polytrifluorochloroethylene.	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
58120 Pipe and tubing lined with, or covered with other fluorocarbon polymers or copolymers.[1]	Lb.	RESN 2	TVWXYZ	500	500	—	E-3
58120 Laminates, including molded and decorative, made of polypyromellitimide or polybenzimidazole.	Lb.	RESN 3	TVWXYZ	500	25	—	A E-3
58120 Laminates, including molded and decorative, wholly made of fluorocarbon polymers or copolymers. (Specify by name.) [1]	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
58120 Laminates, including molded and decorative, partially made of polytetrafluoroethylene or polyfluorochloroethylene.	Lb.	RESN 2	TVWXYZ	500	500	—	E-3
58120 Laminates, including molded and decorative, of fluorocarbon polymers or copolymers with other materials or metals. (Specify by name.) [1]	Lb.	RESN 2	TVWXYZ	500	500	—	E-3
58120 Polyvinyl butyral film and sheeting.....	Lb.	RESN 2	TVWXYZ	1,000	1,000	—	E-3
58120 Polyethylene film, sheeting or laminates containing any boron.	Lb.	RESN 8	WXYZ	—	—	100	B
58120 Methyl methacrylate, clear, film, sheeting or laminates, ¼ inch or more in thickness.	Lb.	RESN 8	WXYZ	—	—	100	B
58120 Pastes wholly made of fluorocarbon polymers or copolymers.[1] (Specify by name.)	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
58120 Ion exchange resins, the following: (a) copolymers of styrene and divinyl benzene in which the predominant functional groups are either quaternary ammonium derivatives (basic type), or the sulfonic radial (acidic type); (b) mixed bed formulations consisting principally of resins specified in (a) above; (c) ion exchange membranes (all types); and (d) ion exchange liquids.	Lb.	RESN 2	TVWXYZ	500	500	—	E-3
58120 Other ion exchange resins.....	Lb.	RESN 8	WXYZ	—	—	100	B
58120 Other polymerization and copolymerization products, unfinished or semifinished.	Lb.	RESN 8	XYZ	—	—	100	B
58131 Vulcanized fiber, unfinished or semifinished.	Lb.	RESN 8	XYZ	—	—	100	B
58132 Cellulose acetate film suitable for dielectric use, 0.0015 inch (0.038 mm.) or less in thickness.	Lb.	RESN 2	TVWXYZ	1,000	1,000	—	E-3
58132 Cellulose ester molding and extrusion compositions, film, sheeting and laminates, n.e.c.	Lb.	RESN 8	XYZ	—	—	100	B
58132 Sodium carboxymethyl cellulose.....	Lb.	ORGN 8	YZ	—	—	—	B
58132 Regenerated cellulose (except rayon) sheets and rolls, including printed.	Lb.	RESN 8	Z	—	—	—	B
58132 Other regenerated cellulose and chemical derivatives of cellulose.	Lb.	RESN 8	XYZ	—	—	100	B
58191 Hardened proteins. (Specify by chemical name.)	Lb.	RESN 8	XYZ	—	—	100	B

[1] See § 399.2, Interpretation 22.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
58192 Modified natural resins (including ester gum); chemical derivatives of natural rubber (all in unfinished or semifinished form).	Lb.	RESN 8	XYZ	—	—	100	B
58199 Materials designed and manufactured for use as absorbers of electro-magnetic waves having frequencies greater than 200 megacycles per second.	Lb.	ELME 1	TVWXYZ	500	—	—	A
58199 Ammonium alginate.	Lb.	SALT 8	YZ	—	—	—	B
58199 Plastic and plastic composition floor tile and flooring.	Lb.	RESN 8	Z	—	—	—	B
58199 Other artificial resins and plastic materials, including natural high polymers, n.e.c.[1]	Lb.	ORGN 8	XYZ	—	—	100	B
CHEMICAL MATERIALS AND PRODUCTS, N. E. C.							
Insecticides, fungicides, disinfectants (including sheep and cattle dressing) and similar preparations which are (a) separate chemically defined products put up in forms or packings for retail sale (bulk forms are reported elsewhere in the Commodity Control List) or (b) preparations (mixtures) whether put up in bulk or for retail sale:							
59920 Weed killers, consisting primarily of boron compounds (for example, borates, borax).	Lb.	SALT 2	TVWXYZ	500	100	—	E-13
59920 Nicotine sulfate, 40 percent basis; copper sulfate; lead arsenate; calcium arsenate; paradichlorobenzene; benzene hexachloride, technical and formulations; fumigants, insecticides, pesticides, disinfectants, deodorants, and germicides, *excluding the following products or preparations: Acrylon fumigant®; azobenzene fumigating powder; Blackleaf mosquito-fumer®; bug bombs (aerosol dispensers) containing over 16 ounces of insecticide; cyanide, crude; cyanogas; DD (dichloropropene-dichloropropane mixture); Dowfume W-85®; fumo gas; Hyamine® 10-X; methyl bromide; moth balls; naphthalene balls and flakes in packages exceeding 5 pounds; nematacides; nicotine fumigating powders; and soil fumigants.*	Lb.	AGSU 8	YZ	—	—	—	B
59920 Other insecticides, fungicides, disinfectants, and similar products.	Lb.[2]	AGSU 8	XYZ	—	—	100	B
59951 Inulin	Lb.	ORGN 8	XYZ	—	—	100	B
59951 Corn starch and other grain starches (including industrial type).	Lb.	AGRI 8	YZ	—	—	—	B
59951 Vegetable starches, *except grain starches.*	Lb.	AGRI 8	Z	—	—	—	B
59952 Gluten and gluten flour	Lb.	AGRI 8	YZ	—	—	—	B
59958 British gum	Lb.	SALT 8	XYZ	—	—	100	B

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[1] Nitrostarch requires export authorization from the U. S. Department of State. See paragraph 370.5(a).
[2] Report DDT (dichlorodiphenyl trichloroethane) preparations in "content pound" weight of DDT.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
59958 Lactalbumin; casein lactalbumin; casein lactorene; casein hydrolysate; lactalbumin hydrolysate. (Specify by name.)	Lb.	AGRI 8	YZ	—	—	—	B
59958 Other albumins, peptones, dextrins, glues, and adhesives, albuminodal substances including edible and inedible gelatins, n.e.c. (Specify by name.)	Lb.	AGRI 8	Z	—	—	—	B
59958 Adhesive or cements wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.)	Lb.	SALT 1	TVWXYZ	500	25	—	A E-3
59958 Cementing preparations *the following only:* cementing preparations for pyroxylin watch glasses, film cement with paraffin, floor cement, floor patch, concrete, iron cement, linoleum cement except rubber, linoleum paste except rubber, polishing wheel cement, roofing cement, running board cement, soil pipe cementing preparation, solder flue, automobile top sealer, wall board cementing preparations, thread lubricant and seal compound, tire cut filler.	Lb.	SALT 8	Z	—	—	—	B
59958 Other adhesives or cements	Lb.	SALT 8	XYZ	—	—	100	B
59961 Tall oil, *except liquid rosin waste*	Lb.	AGRI 8	YZ	—	—	—	B
59961 Tall oil, liquid rosin waste.	Lb.	AGRI 8	Z	—	—	—	B
59962 Concentrated sulfite lye	Lb.	AGRI 8	Z	—	—	—	B
59963 Terpenic solvents produced by treatment of coniferous woods.	Gal.	AGRI 8	YZ	—	—	—	B
59964 Wood rosins, except B wood rosin; gum rosin; tall oil rosin; derivatives of rosin and rosin acids, except ester gums. (Specify by name.)	Lb.	AGRI 8	YZ	—	—	—	B
59965 Wood tar and wood tar oils	Lb.	AGRI 8	YZ	—	—	—	B
59965 Wood creosote	Lb.	ORGN 8	YZ	—	—	—	B
59965 Wood naphtha; and acetone oil	Lb.	ORGN 8	XYZ	—	—	100	B
59966 Wood pitch and products based thereon	Lb.	AGRI 8	YZ	—	—	—	B
59966 Vegetable pitch and products based thereon.	Lb.	AGRI 8	Z	—	—	—	B
59971 Polyethylene wax containing any boron	Lb.	RESN 8	WXYZ	—	—	100	B
59971 Mineral waxes, modified	Lb.	RESN 8	Z	—	—	—	B
59971 Vegetable waxes, modified	Lb.	AGRI 8	Z	—	—	—	B
59971 Lipstick waxes	Lb.	ORGN 8	Z	—	—	—	B
59971 Other artificial waxes and prepared waxes, not emulsified or containing solvents.	Lb.	ORGN 8	XYZ	—	—	100	B
59972 Artificial graphite, whether or not containing other materials to give improved performance at high temperatures, having an apparent relative density of 1.90 and greater, *excluding non-pyrolytic graphite of density between 1.90 and 1.95 when compared to water at 15.5° C. (60° F.).*	Lb.	MINL 1	TVWXYZ	500	500	—	A

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
59972 Other artificial graphite in block, brick, plate, or rod form, smallest dimension 2 inches or over, having a boron content of one part per million or less. (Specify by name, size and boron content in parts per million.)	Lb.	MINL 1	TVWXYZ	500	500	—	A E-8
59972 Other pyrolytic graphite and products, n.e.c.	Lb.	MINL 2	TVWXYZ	500	500	—	
59972 Artificial non-pyrolytic graphite and products, having an apparent relative density between 1.90 and 1.95 when compared to water at 15.5° C. (60° F.), in such forms as will not pass through a two-inch square hole.	Lb.	MINL 2	TVWXYZ	500	500	—	E-8
59972 Other artificial graphite products in block, brick, plate, or rod form, smallest dimension 2 inches or over. (Specify by name, size, and boron content in parts per million.)	Lb.	MINL 2	TVWXYZ	500	500	—	E-8
59972 Other artificial and colloidal graphite.....	Lb.	MINL 8	YZ	—	—	—	B
59973 Amber black	Lb.	AGRI 8	Z	—	—	—	B
59973 Other animal black (for example, bone black).	Lb.	AGRI 8	XYZ	—	—	100	B
59974 Prepared glazings, dressings, mordants, and sizes.	Lb.	SALT 8	Z	—	—	—	B
59975 Additives for lubricating oils	.....	PETR 8	WXYZ	—	—	100	B
59975 Additives for fuel oil	.....	PETR 8	XYZ	—	—	100	B
59975 Anti-knock compounds. (Specify by name.)	Lb.	PETR 8	WXYZ	—	—	100	B
59975 Liquid gum inhibitors for treating petroleum distillates.	.....	ORGN 8	XYZ	—	—	100	B
59976 Prepared rubber accelerators: Pentex.....	Lb.	ORGN 8	YZ	—	—	—	B
59976 Other prepared rubber accelerators.....	Lb.	ORGN 8	XYZ	—	—	100	B
59977 Prepared culture media.....	Lb.	DRUG 8	XYZ	—	—	100	B
59978 Glass grenades for fire extinguishers	Lb.	SATE 8	YZ	—	—	—	B
59978 Other charges for fire extinguishers.....	Lb.	ORGN 8	XYZ	—	—	100	B
59991 Modelling pastes (clay).....	Lb.	MINL 8	Z	—	—	—	B
59991 Dental impression compounds.....	Lb.	SATE 8	Z	—	—	—	B
59992 Activated carbon useable as catalysts in petroleum and chemical processing operations.	Lb.	SALT 8	WXYZ	—	—	100	B
59992 Other activated carbon and activated charcoal; and bleaching earth, acid activated.	Lb.	SALT 8	XYZ	—	—	100	B
59992 Activated bauxite (for example Cyclocel®, and Porocel®).	Lb.	NONF 8	Z	—	—	—	B
59992 Other activated natural mineral products...	Lb.	MINL 8	Z	—	—	—	B
59993 Cerium lighter flints or ferrocerium.....	Lb.	MINL 8	Z	—	—	—	B
59993 Other cerium metals.....	Lb.	MINL 8	YZ	—	—	—	B
59994 Pickling preparations for metal surfaces; auxiliary preparations for soldering, brazing, or welding (fluxes, powders, pastes), containing metal and other constituents.	Lb.	SALT 8	XYZ	—	—	100	B
59995 Composite solvents, paint removers, thinners, and other similar products.	Lb.	SALT 8	XYZ	—	—	100	B

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Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
59999 Molecular sieves, loaded (for example, crystalline calcium or crystalline sodium aluminosilicate). (Specify type and form, such as powder or pellets, and loading material.) [Report molecular sieves, not loaded, in Export Control Commodity Nos. 51460 and 51470.]	Lb.	SALT 2	TVWXYZ	1,000	1,000	--	
59999 Nickel catalysts	Lb.	SALT 8	WXYZ	—	—	100	B
59999 Compound catalysts, organic and inorganic, n.e.c., useable in petroleum and chemical processing operations.	Lb.	ORGN 8	WXYZ	—	—	100	B
59999 Other catalysts useable in petroleum and chemical processing operations.	Lb.	SALT 8	WXYZ	—	—	100	B
59999 Other compound catalysts not useable in petroleum or chemical processing operations.	Lb.	SALT 8	XYZ	—	—	100	B
59999 Hydraulic fluids, synthetic, formulated wholly or in part with silicones, organo-silicates, silanes, and fluorinated alcohol esters. (Specify by name.) (Bbl. of 42 gal.)	Bbl.	ORGN 1	TVWXYZ	500	500	—	A E-14
59999 Hydraulic fluids, as follows: (a) synthetic, having a viscosity of not more than 4,000 centistokes at minus 54°C. (minus 65°F.) and not less than 1.5 centistokes at plus 150°C. (minus 302°F.) or (b) which contain as the principal ingredients petroleum (mineral) oils and which have a pour point of minus 34° C. (minus 30° F.) or lower and which are thermally stable at plus 371° C. (plus 700° F.) [1] (Bbl. of 42 gal.). [Report hydraulic fluids containing 70 percent or more by weight of petroleum or shale oil in Export Control Commodity No. 33291.]	Bbl.	PETR 1	TVWXYZ	500	25	—	A E-4
59999 Hydraulic fluids, synthetic, diester types. (Specify by name.) (Bbl. of 42 gal.)	Bbl.	ORGN 2	TVWXYZ	1,000	1,000	—	E-14
59999 Hydraulic fluids, petroleum based, having all of the following characteristics: (a) kinematic viscosity of 4.6 centistokes or greater at 210°F; (b) pour point of minus 30°F. (minus 34°C.) or lower; and (c) viscosity under (VI) of 130 or higher. (Bbl. of 42 gal.) [Report liquids for hydraulic transmission containing 70 percent or more by weight of petroleum or shale oil in Export Control Commodity No. 33291.]	Bbl.	PETR 2	TVWXYZ	500	25	—	E-4
59999 Other liquids for hydraulic transmission, containing less than 70 percent by weight of petroleum or shale oils, n.e.c. (Bbl. of 42 gal.)	Bbl.	ORGN 8	WXYZ	—	—	100	B

[1] Thermal stability is determined as follows: twenty c.c. of the fluid under test shall be placed in a 46 c.c. stainless steel chamber containing one each of .5 inch diameter balls of M-10 tool steel, 52100 steel, and naval bronze. The chamber shall be purged with nitrogen, sealed at atmospheric pressure, and the temperature raised to 371 plus or minus 6° C. and maintained at this temperature for six hours. The specimen will be considered thermally stable if at the completion of the above procedure all of the following conditions are met: (a) the weight loss of each ball is less than 0.1 milligram per square centimeter of surface, (b) the change in original viscosity as determined at 38° C. is less than 25 percent, and (c) the total acid or base number is less than .40.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups T	V	X	Special Provisions List
59999 Other hydraulic fluids, oils, and lubricants, petroleum or synthetic based. (Bbl. of 42 gal.)	Bbl.	PETR 8	WXYZ	—	—	100	B
59999 Water softener, water purifiers, and boiler feed water compounds.	.....	ORGN 8	YZ	—	—	—	B
59999 Organic floculating agents such as but not limited to Aerofloc®, Benefit®, Dearfloc®, Nalco®, Nalcolyte®, Polyfloc®, Separan®, and SuperFlo®.	Lb.	ORGN 8	WXYZ	—	—	100	B
59999 Other collecting agents for the concentration of ores and minerals; composite diagnostic reagents (other than those designed to be applied to the patient) and other composite laboratory reagents, organic or inorganic, not elsewhere covered under individual name. (Specify by name and designate as reagent.)	Lb.	ORGN 8	XYZ	—	—	100	B
59999 Other chemical products or preparations except alkylbenezene, dodecylbenzene, and other detergent alkylates, n.e.c. (Specify by name.)	.....	ORGN 8	XYZ	—	—	100	B
SECTION 6—MANUFACTURED GOODS CLASSIFIED CHIEFLY BY MATERIAL							
LEATHER, LEATHER MANUFACTURES, N.E.C., AND DRESSED FUR SKINS							
611 Leather	Sq. ft.[1]	TEXT 8	Z	—	—	—	B
61210 Machine leather belting and other articles of leather for use in machinery, including composition and reconstituted leather.	.....	TEXT 8	Z	—	—	—	B
61230 Rubber heels, soles, soling, top lifts, and top lift sheets.	.....	RUBR 8	YZ	—	—	—	B
61230 Other prepared parts of footwear of all materials, except of asbestos and metals.	.....	TEXT 8	Z	—	—	—	B
61280 Other manufactures of leather, n.e.c., saddlery and other harness makers goods of all materials.	.....	TEXT 8	Z	—	—	—	B
613 Fur skins, tanned or dressed, including dyed.	.....[2]	TEXT 8	Z	—	—	—	B
RUBBER MANUFACTURES, N.E.C.							
62101 Rubber sheet packing and other unvulcanized rubber plates, sheets, and strips wholly made of fluorocarbon polymers or copolymers. (Specify by name and type.)[3]	Lb.	RUBR 1	TVWXYZ	500	100	—	A
62101 Piece goods, fabric, film, and sheeting wholly made of fluorocarbon polymers or copolymers. (Specify by name).[3]	Lb.	RUBR 1	TVWXYZ	500	25	—	A

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[1] Report shipments of reconstituted and artificial leather, cattle hide and kip side sole, belting and welting leather in "pound."
[2] Report fur skins other than pieces, plates, mats, strips, crosses, and sacs in "number."
[3] See § 399.2, Interpretation 22.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
62101 Piece goods, fabric, film, and sheeting partially made of fluorocarbon polymers or copolymers. (Specify by name.) [1]	Lb.	RUBR 2	TVWXYZ	500	25	—	E-1
62101 Masterbatches, in plates, sheets, or strips, cis-rubber types.	Lb.	RUBR 8	WXYZ	—	—	100	B
62101 Other unvulcanized rubber plates, sheets, and strips, n.e.c.	Lb.	RUBR 8	XYZ	—	—	100	B
62102 Unvulcanized rubber wholly made of fluorocarbon polymers or copolymers, in states or forms other than plates, sheets, or strips. (Specify by name.) [1]	Lb.[2]	RUBR 1	TVWXYZ	500	100	—	A
62102 Other rubber cements	Gal.	RUBR 8	YZ	—	—	—	B
62102 Other unvulcanized natural or synthetic rubber in states or forms other than plates, sheets, or strips.	Lb.	RUBR 8	XYZ	—	—	100	B
62103 Rubber thread and cord, covered or bare	Lb.	RUBR 8	YZ	—	—	—	B
62105 Hose and tubing made of, lined with, or covered with, polytetrafluoroethylene or polytrifluoroethylene, or wholly made of any other fluorocarbon polymers or copolymers. (Specify by name.) [1]	Lb.	RUBR 1	TVWXYZ	500	50	—	A
62105 Rubber hose and tubing lined with or covered with other fluorocarbon polymers or copolymers.[1]	Lb.	RUBR 2	TVWXYZ	500	50	—	E-1
62105 Rotary driller and vibrator hose and other rubber hose and tubing, n.e.c.	Lb.	RUBR 8	YZ	—	—	—	B
62910 Tires, of a kind specially constructed to be bullet proof or run when deflated. (Specify type.)	No.	RUBR 3	TVWXYZ	500	—	—	A
62910 Other aircraft tires	No.	RUBR 2	TVWXYZ	1,000	1,000	—	E-2
62910 Aircraft inner tubes	No.	RUBR 2	TVWXYZ	1,000	1,000	—	E-2
62910 Farm tractor and implement tires; and solid and cushion tires, truck and industrial.	No.	RUBR 8	YZ	—	—	—	B
62910 Other tires as follows: (a) of 10 ply rating or over, in sizes 9:00 or over, and (b) tires with a non-directional tread design.	No.	RUBR 8	WXYZ[3]	—	—	100	B
62910 Other vehicle pneumatic tires and inner tubes.	No.	RUBR 8	XYZ	—	—	100	B
62910 Other solid and cushion tires; and tire flaps.	No.[4]	RUBR 8	Z	—	—	—	B
62930 Atomizer bulbs, bath sprays, ice bags, medicine droppers (glass droppers with rubber sacs), nipple shields, nursers, nursing bottle nipples and teats, pacifiers, rubber sacs for medicine droppers, sponge bags, surgeon's aprons, teething rings, and water bottles.	.....	RUBR 8	Z	—	—	—	B
62930 Other hygienic and pharmaceutical articles of unhardened rubber.	.....	RUBR 8	YZ	—	—	—	B

[1] See § 399.2, Interpretation 22.
[2] Report cement in "gallon."
[3] A validated export license is also required for the exportation to Indonesia of the commodities described in this entry.
[4] Report tire flaps in "pound."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
62940 Transmission, conveyor or elevator belts, and belting of rubber, including V belts.	Lb.	RUBR 8	YZ	—	—	—	B
62988 Packing materials wholly made of fluorocarbon polymers or copolymers.[1]	Lb.	RUBR 1	TVWXYZ	500	50	—	A
62988 Other rubber packing	Lb.	RUBR 8	XYZ	—	—	100	B
62988 Floor and wall coverings (including mats and matting); crib sheets; water cushions, water pillows; and foam rubber stripping and sponges.	Lb.	RUBR 8	Z	—	—	—	B
62988 Other sponge rubber, chemically blown and foam and products, n.e.c.	Lb.	RUBR 8	YZ	—	—	—	B
62988 Materials designed and manufactured for use as absorbers of electromagnetic waves having frequencies greater than 200 megacycles per second.	Lb.	ELME 1	TVWXYZ	500	—	—	A
62988 Articles of unhardened vulcanized rubber, n.e.c., wholly made of fluorocarbon polymers or copolymers.[1] (Specify by name).	Lb.	RUBR 1	TVWXYZ	500	500	—	A
62988 Other articles of unhardened vulcanized rubber, n.e.c.	.....	RUBR 8	YZ	—	—	—	B
62989 Electrical battery boxes and jars, and parts. (Specify by name.)	Lb.	RUBR 8	XYZ	—	—	100	B
62989 Ebonite sheets and sheeting, electrical; insulating material; insulators; rods, electrical; sheets, electrical; and tubes and tubing, electrical.	Lb.	RUBR 8	YZ	—	—	—	B
62989 Other hard rubber goods, n.e.c.	Lb.	RUBR 8	Z	—	—	—	B
WOOD AND CORK MANUFACTURES, EXCLUDING FURNITURE							
63110 Veneer sheets, hardwood and softwood, all types, including utility, commercial, and container veneers.	Sq. ft.	AGRI 8	Z	—	—	—	B
63120 Plywood, softwood, interior only	Sq. ft.	AGRI 8	Z	—	—	—	B
63120 Other plywood, including veneered wood panels and cellular wood panels.	Sq. ft.	AGRI 8	YZ	—	—	—	B
63141 Improved wood (densified and/or impregnated with resin or resin-like materials).	Sq. ft.	AGRI 8	YZ	—	—	—	B
63142 Reconstituted wood (particle board)	Sq. ft.	AGRI 8	YZ	—	—	—	B
63181 Wood paving blocks	.....	AGRI 8	Z	—	—	—	B
63182 Staves, riven or sawn, unfinished (stavewood).	Set [2]	AGRI 8	Z	—	—	—	B
63183 Hoopwood, chipwood, wood chips; and poles, piles, posts, pickets, stakes, and similar products which are split, pointed, or both, but not sawn lengthwise.	.....[3]	AGRI 8	YZ	—	—	—	B
63186 Woodwool (excelsior) and wood flours	.....	AGRI 8	Z	—	—	—	B
63187 Wooden beadings and moldings	.....	AGRI 8	Z	—	—	—	B

[1] See § 399.2, Interpretation 22.
[2] A "set" is sufficient staves for one barrel, hogshead, or cask.
[3] Report pulpwood in chip form in "cord" (1 unit of chips equals 200 cubic feet or 81.6 percent of a cord).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
63189 Wooden blocks, sticks, and rods suitable for shaping into tool handles, walking sticks, tooth picks, matches, and similar items.	.....	AGRI 8	Z	—	—	—	B
63210 Wooden boxes, cases, crates, drums, and similar packing containers, excluding cooperage products.	.....[1]	AGRI 8	Z	—	—	—	B
63220 Cooperage products, excluding unfinished staves.	.....[2]	AGRI 8	Z	—	—	—	B
63240 Windmill towers	.....	AGRI 8	XYZ	—	—	100	B
63240 Other® prefabricated wooden buildings and structural members, including window units, sashes, doors, and other millwork, n.e.c.	.....[3]	AGRI 8	Z	—	—	—	B
63271 Picture and mirror frames of wood	.....	AGRI 8	Z	—	—	—	B
63272 Household utensils of wood	.....	AGRI 8	Z	—	—	—	B
63273 Domestic or decorative articles of wood, n.e.c.	.....[4]	AGRI 8	Z	—	—	—	B
63281 Tools, handles, shoe lasts, and shoe trees of wood.	.....	AGRI 8	Z	—	—	—	B
63282 Spools, caps, bobbins, and the like of turned wood.	.....	AGRI 8	Z	—	—	—	B
63289 Wood manufactures, *the following only:* boat parts, small, machined to shape; bridges; Fibrisin® laminates of melaminephenol formaldehyde resins, sawdust, or ground-wood and paper; patterns; propeller blades; propellers; and trestles.	.....	AGRI 8	XYZ	—	—	100	B
63289 Battery separators and blanks; bee hives; and hog troughs.	.....	AGRI 8	YZ	—	—	—	B
63289 Other articles of wood, n.e.c.	.....[5]	AGRI 8	Z	—	—	—	B
633 Agglomerated cork; articles of natural or agglomerated cork.	Lb.	AGRI 8	Z	—	—	—	B
PAPER, PAPERBOARD, AND MANUFACTURES THEREOF							
64110 Newsprint paper	Lb.	TEXT 8	Z	—	—	—	B
64122 Fine paper (under 18 pounds), coated	Lb.	TEXT 8	XYZ	—	—	100	B
64122 Groundwood paper; book paper, and other fine paper coated, in rolls or sheets, for printing, writing, drawing, or photographic base.	Lb.	TEXT 8	Z	—	—	—	B
64130 Kraft paper, in rolls or sheets, uncoated, as follows: wrapping; bag; converting; shipping sack; container board liners; folding box board, *except special food board;* paper board, n.e.c., *the following only:* abrasive base stock; condenser tissue, acid proof; ammunition; anti-acid manila, base wad stock, buffing; cable base stock; cable	Lb.	TEXT 8	XYZ	—	—	100	B

® Registered in the Patent Office of the United States.
[1] Report box shook in "MBF."
[2] Report barrels, hogsheads, and casks in "number"; and tight headings and tight staves in "sets".
[3] Report doors in "number".
[4] Report caskets in "number."
[5] Report pallets and skids in "number"; and pencil slats in "pencil gross".

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
filling, electrical; cartridge stock; coil winding document manila file folder, dynamite; electrical insulating emery base stock; expanding envelope stock; flint backing; frisket; garnet; gasket; graphite; guide stock, insulating electrical (except wet machine); polishing; red foiling (cartridge paper); red patch base stock; sand paper backing; shell stock; silk wrap stock; tympan; voice coil stock; washer stock; wallet stock; dielectric, exceeding .002 of an inch in thickness; and flat wallet stock.							
64130 Other kraft paper and paperboard, except corrugating material and special food board, uncoated, in rolls or sheets, n.e.c.	Lb.	TEXT 8	Z	—	—	—	B
64140 Cigarette paper in bulk, rolls, sheets, or bobbins. [Report cigarette paper cut to size in Export Control Commodity No. 64291.]	Lb.	TEXT 8	Z	—	—	—	B
64160 Fiberboards and other building boards of wood pulp or of vegetable fibers, including insulating board.	Lb.	TEXT 8	Z	—	—	—	B
64180 Machine-made paper and paperboard, simply finished, in rolls or sheets, n.e.c., and hand made paper, *the following only:* ammunition; guide stock; anti-acid manila stock; armature; beaming; cable base stock; calender roll stock; cartridge stock; coil winding; cone (yarn), designers pattern stock (except tissue); dielectric coated; document manila file folder, dynamite; electrical; expanding envelope stock; flat wallet stock; flint backing base stock; frisket; gasket; graphite base stock; gun wadding; insulating electrical; interleaving for film; jute tag stock; patch base stock; polishing base stock; portmanteau; red foiling (cartridge paper); red patch base stock; rope for sand paper backing; sandpaper backing; shell-stock; shot shell stock; silk wrap stock; slot insulation; steaming; stencil (18 lbs and over); stencil stock for oiling; tabulating—machine card stock; tape; rope stock for electrical insulating; time card stock; tympan; voice coil stock; wad base stock; wallet stock; washer stock; dielectric; pattern stock; stencil blanks tabulating machine card stock; absorbent paper for matrix; interleaving; tissue paper under 18 pounds; except sanitary; ground-wood base stock for carbonizing; fine paper (uncoated for printing, writing); bible; check paper; mimeotype stencil; body stock for carbonizing, free from ground wood; box cover-	Lb.	TEXT 8	XYZ	—	—	100	B

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				T	V	X	
ing; capacitor tissue; carbonizing base stock; coil, condenser tissue; duplicating tissue; electrical insulating tissue; electrolytic condensing tissue; heat sealable tissue; imitation Japanese, India, lens, matrix tissue; pencil carbon stock; pottery tissue; press copy; rotograme tissue; stencil tissue; stereo type tissue; tea bag; fibrilise; tissue for duplex decalcomania; transfer stamping; and book lining.							
64180 Other machine-made paper and paperboard, simply finished, in rolls or sheets, n.e.c., and handmade paper.	Lb.	TEXT 8	Z	—	—	—	B
64191 Kleerview® (lacquer-coated glassine paper).	Lb.	TEXT 8	XYZ	—	—	100	B
64191 Parchment or greaseproof paper or paperboard, in rolls or sheets, including glassine.	Lb.	TEXT 8	Z	—	—	—	B
64192 Composite paper and paperboard, in rolls or sheets including container board.	Lb.	TEXT 8	Z	—	—	—	B
64193 Paper and paperboard, corrugated, creped, crinkled, embossed, or perforated.	Lb.	TEXT 8	Z	—	—	—	B
64194 Ruled or squared paper and paperboard in rolls or sheets.	Lb.	TEXT 8	Z	—	—	—	B
64197 Wallpaper	Lb.	TEXT 8	Z	—	—	—	B
64199 Paper backed metal foil of gold	Lb.	TEXT 8	XYZ	—	—	100	B
64199 Asphalt and tar saturated paper, heavy construction type.	Lb.	TEXT 8	YZ	—	—	—	B
64199 Other processed paper and paperboard in rolls or sheets, n.e.c.	Lb.	TEXT 8	Z	—	—	—	B
64211 Shipping sacks, multiwall bags, specialty bags and liners, grocers', variety, wardrobe, shopping and other bags of paper; paperboard boxes (folding and set-up); corrugated and solid fiber boxes; paperboard and other fiber drums; fiber cans, tubes, and other fiber packing containers.	Lb.	TEXT 8	Z	—	—	—	B
64212 Filing containers of paper or paperboard	Lb.	TEXT 8	Z	—	—	—	B
64220 Envelopes, paper, of a kind used in correspondence, writing blocks, letter pads, and similar paper stationery for correspondence, *excluding letter paper.*	Lb.[1]	TEXT 8	Z	—	—	—	B
64230 Manifold business forms, blankbooks, looseleaf binders and office stationery of paper and paperboard, n.e.c., *excluding correspondence goods.*	Lb.	TEXT 8	Z	—	—	—	B
64291 Cigarette paper cut to size, in books, blocks, and strips for rolling.	Lb.	TEXT 8	Z	—	—	—	B
64292 Carbon and other copying paper cut to size.	Lb.	TEXT 8	Z	—	—	—	B

® Registered in the Patent Office of the United States.
[1] Report unpackaged envelopes in "thousand."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
64294 Bobbins, spools, caps, and other devices for winding or reeling, of pulp, paper, or paperboard.	Lb.	TEXT 8	Z	—	—	—	B
64298 Pressure sensitive tape wholly made of fluorocarbon polymers or copolymers.[1, 2] (Specify by name.)	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
64298 Pressure sensitive tape coated or impregnated with fluorocarbon polymers or copolymers.[2]	Lb.	RESN 4	TVWXYZ	500	500	—	E-3
64298 Pressure sensitive synthetic tape (including metallized) suitable for dielectric use (condenser tissue), 0.0015 inch (0.038 mm.) or less in thickness, *excluding (a) tensilized polyester film with thickness greater than 0.001 inch (0.0254 mm.); and (b) untensilized polyester film with thickness of 0.0007 inch (0.018 mm.) up to and including 0.001 inch (0.0254 mm.).*	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
64298 Pressure sensitive polyester tape suitable for dielectric use (condenser tissue) as follows: (a) tensilized film with thickness greater than 0.001 inch (0.0254 mm.) up to and including 0.0015 inch (0.038 mm.); and (b) untensilized film with thickness greater than 0.0007 inch (0.018 mm.) up to and including 0.0015 inch (0.038 mm.).	Lb.	RESN 4	TVWXYZ	500	500	—	E-3
64298 Processed paper for dielectric use.....	.....	TEXT 8	XYZ	—	—	100	B
64298 Cellophane tape, gummed.....	Lb.	TEXT 8	YZ	—	—	—	B
64298 Other paper, paperboard, cellulose wadding, pressure sensitive tape, gummed products, or paper pulp products, n.e.c.	.....[3]	TEXT 8	Z	—	—	—	B
TEXTILE YARN FABRICS, MADE-UP ARTICLES AND RELATED PRODUCTS							
65110 Silk yarn and thread. [Report metallized yarn and yarn spun with metal thread in any proportion in Export Control Commodity No. 65190.]	Lb.	TEXT 8	Z	—	—	—	B
65126 Yarn of coarse animal hair.....	Lb.	TEXT 8	Z	—	—	—	B
65126 Yarn of wool or of fine animal hair.....	Lb.	TEXT 8	YZ	—	—	—	B
65130 Cotton yarn and thread, gray (unbleached); and tire cord and tire cord fabric.	Lb.	TEXT 8	YZ	—	—	—	B
65140 Cotton yarn, carded, combed, finished; sewing thread; crochet, darning, and embroidery cotton thread.	Lb.	TEXT 8	YZ	—	—	—	B
65150 Yarn and thread of true hemp, flax, or ramie.	Lb.	TEXT 8	Z	—	—	—	B
65162 Monofil wholly made of fluorocarbon polymers or copolymers.[2] (Specify by name.)	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
65162 Other monofilament yarn and thread, noncellulosic.	Lb.	TEXT 8	YZ	—	—	—	B

[1] Report letter paper and cards for statistical machines in "thousand"; and report the following paper products in "pound": sanitary paper products, bituminous fiber pipe, conduit, and fittings; office supplies; pressure-sensitive tape and other gummed paper products.
[2] See § 399.2, Interpretation 22.
[3] Report letter paper (loose sheets or boxed), and cards for statistical machines in "thousand"; and report the following paper products in "pound": table napkins, paper towels, facial tissues and other sanitary paper products; bituminous fiber pipe, conduit, and fittings; office supplies; pressure-sensitive tape and other gummed paper products.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
65166 Filament yarn and thread of filament yarn wholly made of fluorocarbon polymers or copolymers.[1] (Specify by name.)	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
65166 Nylon tire cord and tire cord fabric.....	Lb.	TEXT 8	XYZ	—	—	100	B
65166 Other filament yarn, thread of filament yarn, tire cord, and tire cord fabric of noncellulosic man-made fibers.	Lb.	TEXT 8	YZ	—	—	—	B
65167 Thread of spun yarn wholly made of fluorocarbon polymers or copolymers.[1] (Specify by name.)	Lb.	RESN 3	TVWXYZ	500	50	—	A
65167 Noncellulosic man-made fiber spun yarn; and other thread made of such yarn.	Lb.	TEXT 8	YZ	—	—	—	B
65172 Rayon or acetate monofil.....	Lb.	TEXT 8	YZ	—	—	—	B
65176 Rayon high-tenacity filament yarn, cord, tire cord, and tire cord fabric.	Lb.	TEXT 8	XYZ	—	—	100	B
65176 Filament yarn and monofilaments, all twists (including thrown and plied yarns) of other man-made fibers.	Lb.	TEXT 8	YZ	—	—	—	B
65177 Rayon or acetate spun yarn, including singles and plied.	Lb.	TEXT 8	YZ	—	—	—	B
65180 Continuous yarns, rovings, and strands suitable for use in filament wound structures, having all of the following characteristics: (a) consisting of monofilaments 12 microns (0.00047 inch) or less in diameter, (b) modulus of elasticity greater than 11 times 10^6 psi, and (c) tensile strength to density ratio (figure of merit) greater than 350,000 psi.[2]	Lb.	FINP 1	TVWXYZ	500	—	—	A
65180 Other continuous yarns, rovings, and strands made of glass fibers having a modulus of elasticity of 10.5 times 10^6 psi or greater, *or* having a tensile strength to density ratio (figure of merit) of 300,000 psi or greater.[2]	Lb.	FINP 2	TVWXYZ	500	—	—	
65180 Quartz yarn; and fiber glass mop yarn.....	Lb.	FINP 8	XYZ	—	—	100	B
65180 Other glass fiber yarn, roving, and strand.	Lb.	FINP 8	YZ	—	—	—	B
65190 Thread, gold, with textile.....	Lb.	TEXT 8	XYZ	—	—	100	B
65190 Paper yarns	Lb.	TEXT 8	Z	—	—	—	B
65190 Other yarns of textile fibers, n.e.c., including yarns of vegetable fibers, n.e.c.	Lb.	TEXT 8	YZ	—	—	—	B
65211 Gauze, tobacco cloth, and cheese cloth, unbleached, wholly or in chief weight cotton.	Sq. yd.	TEXT 8	YZ	—	—	—	B
65212 Terry woven fabrics, unbleached, wholly or in chief weight cotton.	Sq. yd.	TEXT 8	YZ	—	—	—	B
65213 Fabrics, unbleached, wholly or in chief weight cotton, as follows: duck and allied fabrics, n.e.c., drills, twills, and sateens; sheeting, osnaburgs and allied fabrics, n.e.c., poplin and broadcloth; print cloth yarn fabrics; and tire fabrics, except tire cord fabric.	Sq. yd.	TEXT 8	YZ	—	—	—	B

[1] See § 399.2, Interpretation 22.
[2] Tensile strength to density ratio (figure of merit) is tensile strength times (2.55 divided by specific gravity of the fiber).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
65213 Other broadwoven fabrics, unbleached, wholly or in chief weight cotton.	Lb.[1]	TEXT 8	YZ	—	—	—	B
65221 Gauze, tobacco cloth, and cheesecloth, bleached, dyed, colored, or otherwise finished, wholly or in chief weight cotton.	Sq. yd.	TEXT 8	YZ	—	—	—	B
65222 Used or reject fabric bearing the design of any version of the flag of the United States of America.	Sq. yd.	TEXT 2	TVWXYZ	500	—	—	
65222 Other terrywoven fabrics, bleached, dyed, colored, or otherwise finished, wholly or in chief weight cotton.	Sq. yd.	TEXT 8	YZ	—	—	—	B
65223 Pile and chenille broad woven fabrics and corduroy, bleached, dyed, colored or otherwise finished, wholly or in chief weight cotton.	Sq. yd.	TEXT 8	YZ	—	—	—	B
65229 Used or reject fabric bearing the design of any version of the flag of the United States of America.	Sq. yd.	TEXT 2	TVWXYZ	500	—	—	
65229 Other broad woven fabrics, bleached, dyed, colored, or otherwise finished, wholly or in chief weight cotton.	Sq. yd.[2]	TEXT 8	YZ	—	—	—	B
65230 Used or reject fabric bearing the design of any version of the flag of the United States of America.	Lb.	TEXT 2	TVWXYZ	500	—	—	
65230 Other remnants and fabrics, n.e.c., less than 10 yards in length, broad woven, wholly or in chief weight cotton.	Lb.	TEXT 8	YZ	—	—	—	B
65301 Used or reject fabric bearing the design of any version of the flag of the United States of America.	Sq. yd.	TEXT 2	TVWXYZ	500	—	—	
65301 Broad woven fabrics wholly or in chief weight flax (linen) or jute.	Sq. yd.	TEXT 8	YZ	—	—	—	B
65301 Broad woven fabrics wholly or in chief weight ramie or true hemp.	Sq. yd.	TEXT 8	Z	—	—	—	B
65310 Used or reject fabric bearing the design of any version of the flag of the United States of America.	Sq. yd.	TEXT 2	TVWXYZ	500	—	—	
65310 Parachute cloth, wholly or in chief weight silk.	Sq. yd.	TEXT 8	XYZ	—	—	100	B
65310 Other broad woven fabrics, wholly or in chief weight silk.	Sq. yd.	TEXT 8	Z	—	—	—	B
65321 Used or reject fabric bearing the design of any version of the flag of the United States of America.	Sq. yd.	TEXT 2	TVWXYZ	500	—	—	
65321 Other broad woven fabrics, wholly or in chief weight of wool and/or fine animal hair, excluding pile or chenille.	Sq. yd.	TEXT 8	YZ	—	—	—	B

[1] Report in both "pound" and "square yard."
[2] Report broad woven fabrics other than the following in both "square yard" and "pound": drills, twills, sateens, sheeting, osnaburgs and allied fabrics, broadcloth, print yarn fabrics, denims, shirtings, chambrays, cheviots, ginghams, poplins, lawns, organdies, batistes, napped fabrics, drapery, upholstery and tapestry fabrics.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
65322 Pile and chenille broad woven fabrics, wholly or in chief weight of wool and/or fine animal hair.	Sq. yd.	TEXT 8	YZ	—	—	—	B
65351 Broad woven fabrics wholly made of fluorocarbon polymers or copolymers.[2] (Specify by name.)	Sq. yd.[1]	RESN 3	TVWXYZ	500	500	—	A E-3
65351 Used or reject fabric bearing the design of any version of the flag of the United States of America.	Sq. yd.[1]	TEXT 2	TVWXYZ	500	—	—	
65351 Broad woven fabrics coated or impregnated with fluorocarbon polymers or copolymers.[2]	Sq. yd.[1]	RESN 4	TVWXYZ	500	500	—	E-3
65351 Woven tire fabrics, except tire cord fabric, and fuel-cell fabrics, wholly or in chief weight noncellulosic man-made fibers.	Sq. yd.[1]	TEXT 8	XYZ	—	—	100	B
65351 All parachute fabric, broad woven, wholly or in chief weight noncellulosic filament yarns and monofilaments.	Sq. yd.[1]	TEXT 8	WXYZ	—	—	100	B
65351 Other broad woven fabrics, n.e.c., wholly or in chief weight noncellulosic man-made filament yarns and/or monofilaments.	Sq. yd.[1]	TEXT 8	Z	—	—	—	B
65352 Used or reject fabric bearing the design of any version of the flag of the United States of America.	Sq. yd.[1]	TEXT 2	TVWXYZ	500	—	—	
65352 Broad woven fabrics wholly made of fluorocarbon polymers or copolymers.[2] (Specify by name.)	Sq. yd.[1]	RESN 3	TVWXYZ	500	500	—	A E-3
65352 Broad woven fabrics coated or impregnated with fluorocarbon polymers or copolymers.[2]	Sq. yd.[1]	RESN 4	TVWXYZ	500	500	—	E-3
65352 All parachute fabric, broad woven, wholly or in chief weight noncellulosic spun yarns.	Sq. yd.[1]	TEXT 8	WXYZ	—	—	100	B
65352 Other broad woven fabrics, n.e.c., wholly or in chief weight noncellulosic man-made fiber spun yarns.	Sq. yd.[1]	TEXT 8	Z	—	—	—	B
65353 Pile and chenille broad woven fabrics, wholly or in chief weight man-made fibers, n.e.c.	Sq. yd.[1]	TEXT 8	Z	—	—	—	B
65354 Used or reject fabric bearing the design of any version of the flag of the United States of America.	Lb.	TEXT 2	TVWXYZ	500	—	—	
65354 Other remnants and mill ends, less than 10 yards in length, broad woven, wholly or in chief weight noncellulosic man-made fibers, except glass.	Lb.	TEXT 8	Z	—	—	—	B
65361 Used or reject fabric bearing the design of any version of the flag of the United States of America.	Sq. yd.[1]	TEXT 2	TVWXYZ	500	—	—	
65361 All parachute cloth of broad woven fabrics, wholly or in chief weight cellulosic filament yarns.	Sq. yd.[1]	TEXT 8	WXYZ	—	—	100	B

[1] Report in both "pound" and "square yard."
[2] See § 399.2, Interpretation 22.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
65361 Woven tire fabrics, except tire cord fabric, and fuel-cell fabrics, wholly or in chief weight rayon and/or acetate.	Sq. yd.[1]	TEXT 8	XYZ	—	—	100	B
65361 Other broad woven fabrics, n.e.c., wholly or in chief weight cellulosic filament yarns and/or monofilaments.	Sq. yd.[1]	TEXT 8	Z	—	—	—	B
65362 Used or reject fabric bearing the design of any version of the flag of the United States of America.	Sq. yd.[1]	TEXT 2	TVWXYZ	500	—	—	
65362 All parachute cloth of broad woven fabrics, wholly or in chief weight cellulosic spun yarns.	Sq. yd.[1]	TEXT 8	WXYZ	—	—	100	B
65362 Other broad woven fabrics, n.e.c., wholly or in chief weight cellulosic spun yarns.	Sq. yd.[1]	TEXT 8	Z	—	—	—	B
65363 Pile and chenille broad woven fabrics, wholly or in chief weight rayon and/or acetate.	Sq. yd.[1]	TEXT 8	Z	—	—	—	B
65364 Used or reject fabric bearing the design of any version of the flag of the United States of America.	Lb.	TEXT 2	TVWXYZ	500	—	—	
65364 Other remnants and mill ends, less than 10 yards in length, broad woven, wholly or in chief weight rayon and/or acetate.	Lb.	TEXT 8	Z	—	—	—	B
65370 Knit or crocheted fabrics, not elastic or rubberized, wholly or in chief weight cotton or wool.	Lb.	TEXT 8	YZ	—	—	—	B
65370 Knit or crocheted fabrics, not elastic or rubberized, wholly or in chief weight fine animal hair, *except wool*, noncellulosic man-made fibers (except fiber glass); rayon and/or acetate; and other textile fibers.	Lb.	TEXT 8	Z	—	—	—	B
65380 Continuous tapes suitable for use in filament-wound structures, having *all* of the following characteristics: (a) consisting of monofilaments 12 microns (0.00047 inch) or less in diameter, (b) modulus of elasticity greater than 11 times 10^6 psi, and (c) tensile strength to density ratio (figure of merit) greater than 350,000 psi.[2]	Lb.	FINP 1	TVWXYZ	500	—	—	A
65380 Other continuous tapes suitable for use in filament-wound structures, made of glass fibers having a modulus of elasticity of 10.5 times 10^6 psi or greater, *or* having a tensile strength to density ratio (figure of merit) of 300,000 psi or greater.[2]	Lb.	FINP 2	TVWXYZ	500	—	—	
65380 Used or reject fabric bearing the design of any version of the flag of the United States of America.	Sq. yd.[1]	TEXT 2	TVWXYZ	500	—	—	
65380 Pressure sensitive fiber glass tape.....	Lb.	TEXT 8	XYZ	—	—	100	B

[1] Report in both "pound" and "square yard."
[2] Tensile strength to density ratio (figure of merit) is tensile strength times (2.55 divided by specific gravity of the fiber).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
65380 Other broad or narrow woven fabrics, wholly or in chief weight glass fibers.	Sq. yd.[1]	TEXT 8	YZ	—	—	—	B
65390 Used or reject fabric bearing the design of any version of the flag of the United States of America.	Lb.	TEXT 2	TVWXYZ	500	—	—	
65390 Other broad woven fabrics, wholly or in chief weight jute or flax.	Lb.	TEXT 8	YZ	—	—	—	B
65390 Other broad woven fabrics, wholly or in chief weight textile fibers, n.e.c., including animal hair, except wool, and paper.	Lb.	TEXT 8	Z	—	—	—	B
65401 Narrow woven fabrics wholly made of fluorocarbon polymers or copolymers.[2] (Specify by name.)	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
65401 Narrow woven fabrics coated or impregnated with fluorocarbon polymers or copolymers.[2]	Lb.	RESN 4	TVWXYZ	500	500	—	E-3
65401 Nylon webbing	Lb.	TEXT 8	XYZ	—	—	100	B
65401 Narrow woven fabrics, nonelastic, wholly or in chief weight of cotton, jute, flax, or wool.	Lb.	TEXT 8	YZ	—	—	—	B
65401 Other narrow woven fabrics, nonelastic, wholly or in chief weight of textile fibers, n.e.c.	Lb.	TEXT 8	Z	—	—	—	B
65402 Woven labels, badges, emblems, and insignia, *excluding embroidered*, wholly made of fluorocarbon polymers or copolymers.[2] (Specify by name.)	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
65402 Woven labels, badges, emblems, and insignia, *excluding embroidered*, wholly or in chief weight cotton, jute, flax, or wool.	Lb.	TEXT 8	YZ	—	—	—	B
65402 Woven labels, badges, emblems, and insignia, except embroidered, wholly or in chief weight of other textile fibers, n.e.c.	Lb.	TEXT 8	Z	—	—	—	B
65403 Trimmings, wholly made of fluorocarbon polymers or copolymers.[2] (Specify by name.)	Lb.	RESN 1	TVWXYZ	500	500	—	A E-3
65403 Hat braid, all fibers; and other trimmings, nonelastic, wholly or in chief weight cotton, flax, wool, or metal.	Lb.	TEXT 8	YZ	—	—	—	B
65403 Other trimmings, nonelastic, wholly or in chief weight textile fibers.	Lb.	TEXT 8	Z	—	—	—	B
65406 Embroideries wholly or in chief weight cotton, flax or wool.	Lb.	TEXT 8	YZ	—	—	—	B
65406 Embroideries wholly or in chief weight of other textile fibers, n.e.c.	Lb.	TEXT 8	Z	—	—	—	B
65407 Lace machine fabrics, wholly or in chief weight cotton, flax, or wool.	Lb.	TEXT 8	YZ	—	—	—	B
65407 Lace machine fabrics, wholly or in chief weight of other textile fibers, n.e.c.	Lb.	TEXT 8	Z	—	—	—	B
65510 All flags of the United States of America, *excluding new flags having 50 stars;* and used or reject materials bearing the design of any version of the flag of the United States of America.	Lb.	TEXT 2	TVWXYZ	500	—	—	

[1] Report in both "pound" and "square yard."
[2] See § 399.2, Interpretation 22.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
65510 Felts and other felt articles wholly made of fluorocarbon polymers or copolymers.[1] (Specify by name.)	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
65510 Felts and felt articles coated or impregnated with fluorocarbon polymers or copolymers.[1]	Lb.	RESN 4	TVWXYZ	500	500	—	E-3
65510 Other coated or impregnated felt fabrics; and felts and felt articles wholly or in chief weight cotton, jute, wool and/or wool-like specialty hairs.	Lb.	TEXT 8	YZ	—	—	—	B
65510 Other felts and felt articles, n.e.c.	Lb.	TEXT 8	Z	—	—	—	B
65541 Bonded fabrics and articles wholly or in chief weight cotton or wool.	Lb.	TEXT 8	YZ	—	—	—	B
65541 Other bonded textile fiber fabrics and articles, n.e.c.	Lb.	TEXT 8	Z	—	—	—	B
65542 Fabrics wholly or in chief weight vegetable fiber other than flax, coated with gum or amylaceous substances.	Sq. yd.	TEXT 8	Z	—	—	—	B
65542 Other textile fabrics coated with gum or amylaceous substances.	Sq. yd.	TEXT 8	YZ	—	—	—	B
65543 Textile fabrics, n.e.c., coated or impregnated with fluorocarbon polymers or copolymers.[1]	Sq. yd.	RESN 4	TVWXYZ	500	500	—	E-3
65543 Pyroxylin-coated or impregnated fabrics as follows: artificial leather remnants, textile base; book cloth; transparent tracing cloth, not sensitized.	Sq. yd.	TEXT 8	Z	—	—	—	B
65543 Other textile fabrics, n.e.c., coated or impregnated with resin or plastic materials.	Sq. yd.	TEXT 8	YZ	—	—	—	B
65544 Oilcloth for table, shelf and wall	Sq. yd.	TEXT 8	Z	—	—	—	B
65544 Other textile fabrics, n.e.c., coated or impregnated with oil.	Sq. yd.	TEXT 8	YZ	—	—	—	B
65545 Insulating tape and pressure sensitive tape wholly made of fluorocarbon polymers or copolymers.[1] (Specify by name.)	Lb.	RUBR 1	TVWXYZ	500	500	—	A
65545 Insulating tape and pressure sensitive tape coated or impregnated with fluorocarbon polymers or copolymers.[1]	Lb.	RUBR 2	TVWXYZ	500	500	—	E-3
65545 Silicone rubber insulating tape	Lb.	RUBR 2	VWXYZ	—	500	—	E-1
65545 Other rubber and friction tape; and rubberized textile fabrics, n.e.c., made of or employing synthetic rubber. (Specify by name.)	Sq. yd.[2]	RUBR 8	YZ	—	—	—	B
65545 Other rubberized textile fabrics, n.e.c. (Specify by name.)	Sq. yd.	RUBR 8	XYZ	—	—	100	B
65546 Inked ribbon cloth for office machines; asphalt saturated or coated cloth; and pressure sensitive or gummed cloth tape, coated or impregnated, n.e.c.	Sq. yd.	TEXT 8	Z	—	—	—	B
65546 Other textile fabrics, n.e.c., coated or impregnated.	Sq. yd.	TEXT 8	YZ	—	—	—	B

[1] See § 399.2, Interpretation 22.
[2] Report tape in "pound."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
65550 Elastic fabrics and trimmings, woven or braided.	Lb.	TEXT 8	YZ	—	—	—	B
65560 Cordage, cables, rope, and twine, and manufactures thereof, wholly made of fluorocarbon polymers or copolymers.[1]	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
65560 Nylon fishing line, unfinished; nylon twine; and nylon rope.	Lb.	TEXT 8	XYZ	—	—	100	B
65560 Cordage, cables, rope, and twine, and manufactures thereof, wholly or in chief weight man-made fibers, hair, silk or paper.	Lb.	TEXT 8	Z	—	—	—	B
65560 Other cordage, cables, rope, and twine, and manufactures thereof, wholly or in chief weight other textile fibers, n.e.c.	Lb.	TEXT 8	YZ	—	—	—	B
65570 Hat bodies, new, straw, palm leaf, and similar fibers (natural or man-made), fur-felt, and wool felt.	Lb.	TEXT 8	Z	—	—	—	B
65570 Other hat bodies, new.....	Lb.	TEXT 8	YZ	—	—	—	B
65581 Wadding and articles of wadding (excluding cellulose wadding), n.e.c., textile flock, dust and mill neps, wholly made of fluorocarbon polymers or copolymers.[1] (Specify by name.)	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
65581 Wadding and articles of wadding (excluding cellulose wadding), n.e.c., textile flock, and dust and mill neps, wholly or chief weight of other man-made textile fibers.	Lb.	TEXT 8	Z	—	—	—	B
65581 Wadding and articles of wadding (excluding cellulose wadding), n.e.c., textile flock, and dust and mill neps, wholly or chief weight of other textile fibers.	Lb.	TEXT 8	YZ	—	—	—	B
65584 Textile fabrics, braided packing, and other articles used in machinery or plant, wholly made of fluorocarbon polymers or copolymers.[1] [Report textile belting, tubing and hose in Export Control Commodity No. 65590.]	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
65584 Textile fabrics and other articles used in machinery or plants, coated or impregnated with fluorocarbon polymers or copolymers.[1]	Lb.	RESN 4	TVWXYZ	500	500	—	E-3
65584 Silicone rubber packing.....	Lb.	RUBR 4	VWXYZ	—	500	—	E-1
65584 Other rubber sheet packing.....	Lb.	TEXT 8	XYZ	—	—	100	B
65584 Textile fabrics and other articles used in machinery or plant, and tubular wicks, wholly or chief weight of other synthetic textile fibers, vegetable fibers, hair, or silk.	Lb.	TEXT 8	Z	—	—	—	B
65584 Other textile fabrics and articles, excluding belting, tubing and hose, and tubular wicks, used in machinery or plant.[2]	Lb.	TEXT 8	YZ	—	—	—	B

[1] See § 399.2, Interpretation 22.
[2] Gas and incandescent mantles containing thorium require export authorization from the Atomic Energy Commission. See paragraph 370.5(d).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
65590 Textile belting, tubing, and hose wholly made of fluorocarbon polymers or copolymers.[1] (Specify by name.)	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
65590 Textile belting, tubing and hose lined with or covered with other fluorocarbon polymers or copolymers.[1]	Lb.	TEXT 2	TVWXYZ	500	500	—	E-3
65590 Fire hose, wholly or in chief weight of textile fibers, n.e.c.	Lb.	FINP 8	Z	—	—	—	B
65590 Belting, tubing, and hose, wholly or in chief weight of other man-made fibers, vegetable fibers, hair or silk.	Lb.	TEXT 8	Z	—	—	—	B
65590 Other belting, tubing, and hose, wholly or in chief weight of other textile fibers.	Lb.	TEXT 8	YZ	—	—	—	B
65610 Bags, new, used or reclaimed, wholly made of fluorocarbon polymers or copolymers.[1] (Specify by name.)	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
65610 Bags, new, used or reclaimed, wholly or in chief weight of cotton, jute, or wool.	Lb.	TEXT 8	YZ	—	—	—	B
65610 Bags, new, used or reclaimed, wholly or in chief weight of other textile materials.	Lb.	TEXT 8	Z	—	—	—	B
65620 Sails of canvas	Lb.	TEXT 8	XYZ	—	—	100	B
65620 Tarpaulins, tents, awnings, and other made-up canvas goods, *excluding sails*, wholly or in chief weight cotton.	Lb.	TEXT 8	YZ	—	—	—	B
65620 Tarpaulins, tents, awnings, and other made-up canvas goods, *excluding sails*, wholly or in chief weight of other textile materials.	Lb.	TEXT 8	Z	—	—	—	B
65662 Electric blankets, wholly or in chief weight of cotton.	Lb.	TEXT 8	Z	—	—	—	B
65662 Blankets, wholly or in chief weight cotton.	Lb.	TEXT 8	YZ	—	—	—	B
65663 Electric blankets, except cotton; and synthetic fiber blankets, electric and nonelectric.	Lb.	TEXT 8	Z	—	—	—	B
65663 Wool blankets	Lb.	TEXT 8	YZ	—	—	—	B
65691 Linens and other furnishing articles, wholly or in chief weight cotton or wool (excluding knit, bonded, felt, quilted or stuffed articles).	Lb.[2]	TEXT 8	YZ	—	—	—	B
65691 Linens and other furnishing articles, wholly or in chief weight of fibers other than cotton or wool (excluding knit, bonded, felt, quilted or stuffed articles).	Lb.[2]	TEXT 8	Z	—	—	—	B
65692 All flags of the United States of America, *except new flags having 50 stars.*	Lb.	TEXT 2	TVWXYZ	500	—	—	
65692 Made-up textile articles, n.e.c., wholly made of fluorocarbon polymers or copolymers.[1] (Specify by name.)	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
65692 Laundry, shoe, and garment bags, and other textile articles, wholly or in chief weight cotton.	Lb.	TEXT 8	YZ	—	—	—	B

[1] See § 399.2, Interpretation 22
[2] Report bedspreads, bedsets, bed sheets, pillowcases, towels, and washcloths in both "pound" and "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
65692 Made-up textile articles, *the following only:* cotton cloth with paper lining; cloth, burlap, jute, laminated to paper with asphalt; cloths, wiping (new, woolen dipped in oil); fabric, pipe covering, asphalt or coal tar coated, not over 12 inches wide; fiber, tow jute, paraffin saturated.	Lb.	TEXT 8	XYZ	—	—	100	B
65692 Other made-up textile articles, n.e.c.	Lb.	TEXT 8	Z	—	—	—	B
65730 Carpets and rugs wholly in chief weight cotton, wool, or jute.	Sq. yd.	TEXT 8	YZ	—	—	—	B
65730 Carpets and rugs, wholly or in chief weight of other textile fibers.	Sq. yd.	TEXT 8	Z	—	—	—	B
65740 Vinyl asbestos tiles	Sq. yd.	RESN 8	YZ	—	—	—	B
65740 Linoleum and similar floor coverings	Sq. yd.	TEXT 8	Z	—	—	—	B
65770 Tapestries, hand woven or needle-worked, wholly or in chief weight cotton or wool.	Lb.	TEXT 8	YZ	—	—	—	B
65770 Other tapestries, hand-woven or needle-worked.	Lb.	TEXT 8	Z	—	—	—	B
65780 Mats, matting, screens, and other items, n.e.c., of cotton or jute plaiting materials.	.....	TEXT 8	YZ	—	—	—	B
65780 Mats, matting, screens, and other items, n.e.c., of other vegetable plaiting materials.	.....	TEXT 8	Z	—	—	—	B
NON-METALLIC MINERAL MANUFACTURES, N.E.C.[1]							
66110 Lime	Lb.	FINP 8	Z	—	—	—	B
66120 White non-staining hydraulic cement	Bbl.	FINP 8	XYZ	—	—	100	B
66120 Other cement, except refractory cement. [Report refractory cement in Export Control Commodity No. 66230.]	Bbl.	FINP 8	Z	—	—	—	B
66130 Building and monumental (dimension) stone, worked.	.....	FINP 8	Z	—	—	—	B
66181 Asphalt and tar roofing and siding	Sqs.[2]	FINP 8	YZ	—	—	—	B
66181 Other articles of asphalt or of similar materials.	.....[3]	FINP 8	Z	—	—	—	B
66182 Building materials of vegetable substances agglomerated with mineral building substances.	.....	FINP 8	Z	—	—	—	B
66183 Asbestos-cement or fiber cement articles	Lb.	FINP 8	YZ	—	—	—	B
66230 High temperature refractory cements or bonding mortars, brick and similar shapes, and other refractory construction materials, n.e.c., containing 97 percent or more by weight of magne-	Lb.[4]	FINP 2	TVWXYZ	1,000	1,000	—	E–5

[1] Refractories for rockets, guided missiles, and jet engines require export authorization from the U. S. Department of State. See paragraph 370.5(a).
[2] A square is 100 square feet.
[3] Report asphalt tile in "square feet".
[4] Report brick and similar shapes *except plastic brick and shapes* in "thousand."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
sium oxide, beryllium oxide, or zirconium oxide, or containing zirconium oxide stabilized with lime and/or magnesium oxide. (Specify type of brick and similar shapes; specify name of other refractories.) [Report nonconstruction refractory materials in Export Control Commodity No. 66370.]							
66230 Other refractory cements or bonding mortars, brick and similar shapes and other refractory construction materials, n.e.c. (Specify type of brick and similar shapes; specify name of other refractories.) [Report nonconstruction refractory materials in Export Control Commodity No. 66370.]	Lb.[1]	FINP 8	XYZ	—	—	100	B
66241 Non-refractory building brick and structural hollow tile.	Lb.[2]	FINP 8	Z	—	—	—	B
66246 Non-refractory ceramic hollow tubes.....	.....	FINP 8	YZ	—	—	—	B
66246 Other non-refractory ceramic tiles, pipes, and similar construction materials.	.....[3]	FINP 8	Z	—	—	—	B
66311 Honing stones specially designed for gun barrel honing heads, hand and machine operated.	Lb.	TOOL 1	TVWXYZ	500	—	—	A
66311 Diamond grinding wheels fabricated with polypyromellitimide for power-operated machines. [Report net quantity of each commodity in terms of carat weight of embedded diamonds.]	Carat	TOOL 1	TVWXYZ	500	—	—	A
66311 Diamond grinding wheels fabricated with polypyromellitimide for hand- or pedal-operated machines. [Report net quantity in terms of carat weight of embedded diamonds.]	Carat	FINP 1	TVWXYZ	500	—	—	A
66311 Other diamond grinding and polishing wheels and stones for power-operated machines. [Report net quantity in terms of carat weight of embedded diamonds.]	Carat	TOOL 8	XYZ	—	—	100	B
66311 Other diamond grinding and polishing wheels for hand- or pedal-operated machines. [Report net quantity in terms of carat weight of embedded diamonds.]	Carat	FINP 8	XYZ	—	—	100	B
66311 Pulpstone grinding and polishing wheels and stones for power-operated machines.	Lb.	TOOL 8	Z	—	—	—	B
66311 Pulpstone grinding and polishing wheels and stones for hand- or pedal-operated machines.	Lb.	FINP 8	Z	—	—	—	B
66311 Other grinding and polishing wheels and stones, n.e.c., for power-operated machines.	Lb.	TOOL 8	XYZ	—	—	100	B
66311 Other grinding and polishing wheels, and stones, n.e.c. for hand- or pedal-operated machines.	Lb.	FINP 8	XYZ	—	—	100	B

[1] Report brick and similar shapes *except plastic brick and shapes* in "thousand."
[2] Report building brick, other than ceramic-glazed building brick and structural hollow tile, in "thousand."
[3] Report floor tile and wall tiles in "square feet."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
66312 Hand polishing stones and similar stones of natural abrasives.	Lb.	FINP 8	YZ	—	—	—	B
66312 Hand polishing stones, whetstones, oilstones, hones and similar stones, of artificial abrasive material.	Lb.	TOOL 8	XYZ	—	—	100	B
66320 Abrasive paper and cloth, coated with manufactured abrasives, for use on power-operated machines, *except dental abrasives.*	Ream	TOOL 8	XYZ	—	—	100	B
66320 Other abrasive paper and cloth, coated with natural abrasives, *except dental abrasives.*	Ream	FINP 8	YZ	—	—	—	B
66320 Dental abrasives; and coated abrasives, n.e.c.	.....[1]	FINP 8	Z	—	—	—	B
66340 Worked mica (including agglomerated mica splittings) and articles thereof.	Lb.	MINL 8	Z	—	—	—	B
66350 Other mineral insulating materials, n.e.c...	.....	FINP 8	Z	—	—	—	B
66361 Articles of plaster.....	.....	FINP 8	Z	—	—	—	B
66362 Concrete products; and articles of cement and agglomerated stone.	.....	FINP 8	Z	—	—	—	B
66363 Monocrystals of ferrites, and monocrystals of garnets, synthetic.	Lb.	MINL 1	TVWXYZ	500	—	—	A E-7
66363 Artificial graphite products, n.e.c., in block, plate, or rod form, smallest dimension 2 inches or over, having a boron content of one part per million or less. (Specify by name, size, and boron content in parts per million.)	Lb.	MINL 1	TVWXYZ	500	500	—	A E-8
66363 Artificial graphite products, n.e.c., whether or not containing other materials to give improved performance at high temperatures, having an apparent relative density of 1.90 and greater, *excluding non-pyrolytic graphite of density between 1.90 and 1.95 when compared to water at 15.5° C. (60° F.).*	Lb.	MINL 1	TVWXYZ	500	500	—	A
66363 Other pyrolytic graphite, and products thereof, n.e.c.	Lb.	MINL 2	TVWXYZ	500	500	—	
66363 Other artificial graphite products, n.e.c., in block, brick, plate, or rod form, smallest dimension 2 inches or over. (Specify by name, size, and boron content in parts per million.)	Lb.	MINL 2	TVWXYZ	500	500	—	E-8
66363 Other non-ceramic articles of mineral substances, n.e.c.	.....	MINL 8	Z	—	—	—	B
66370 Beryllium oxide ceramic tubes, crucibles, and shapes in semifabricated or fabricated form.	Lb.	FINP 2	TVWXYZ	500	—	—	E-5
66370 Crucibles containing 97 percent or more by weight of magnesium oxide, beryllium oxide, or zirconium oxide; or containing zirconium oxide stabilized with lime and/or magnesium oxide. (Specify number of crucibles, types of crucibles by type number, capacity of each in pounds, whether heavy or thin wall, and purity rating (percent).)	Lb.	FINP 2	TVWXYZ	500	—	—	E-5

[1] Report dental abrasives in "ream."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
66370 Crucibles and other refractories of pyrolytic graphite.	Lb.	MINL 2	TVWXYZ	500	—	—	
66370 Clay and non-clay refractory products other than refractory construction materials, n.e.c., containing 97 percent or more by weight of magnesium oxide, beryllium oxide, or zirconium oxide, or containing zirconium oxide stabilized with lime and/or magnesium oxide. (Specify by name.)	Lb.	FINP 2	TVWXYZ	500	—	—	E–5
66370 Clay and non-clay refractory products other than refractory construction materials, n.e.c., containing less than 97 percent by weight of magnesium oxide, beryllium oxide, or zirconium oxide, or containing zirconium oxide stabilized with lime and/or magnesium oxide. (Specify by name.)	Lb.	FINP 8	XYZ	—	—	100	B
66370 Crucibles and other refractories made of artificial graphite, whether or not containing other materials to give improved performance at high temperatures, having an apparent relative density of 1.90 and greater, *excluding nonpyrolytic graphite of density between 1.90 and 1.95 when compared to water at 15.5° C. (60° F.).*	Lb.	MINL 1	TVWXYZ	500	—	—	A
66370 Other refractories made of non-pyrolytic artificial graphite having an apparent relative density between 1.90 and 1.95 when compared to water at 15.5° C. (60° F.), in such forms as will not pass through a two-inch square hole.	Lb.	MINL 2	TVWXYZ	500	—	—	
66370 Artificial graphite products, n.e.c., in block, brick, plate, or rod form, smallest dimension 2 inches or over, having a boron content of one part per million or less. (Specify by name, size and boron content in parts per million.)	Lb.	MINL 1	TVWXYZ	500	500	—	A E–8
66370 Other carbon or graphite products, n.e.c...	Lb.	MINL 8	YZ	—	—	—	B
66370 Other refractory products other than refractory construction materials.[1]	Lb.	MINL 8	XYZ	—	—	100	B
66381 Asbestos packing, gaskets, textiles, yarns, and other manufactures, other than friction materials, n.e.c.	.....[2]	FINP 8	YZ	—	—	—	B
66382 Asbestos clutch facings, including linings; and asbestos brake linings.	No.[3]	TRAN 8	XYZ	—	—	100	B
66382 Friction materials of cellulose or of minerals other than asbestos.	.....	MINL 8	YZ	—	—	—	B
66391 Ceramic wares, *the following only:* battery jars; crucibles; grinding balls; mortars; pill tiles; pipe and fittings, acid proof; porcelain ware; pyrometer tubes; raschig rings, sleeves; tanks; and water filters.	.....	FINP 8	YZ	—	—	—	B

[1] Refractories for use in rockets, guided missiles, and jet engines require export authorization from the U. S. Department of State. See paragraph 370.5(a).
[2] Report gaskets, packing, textiles, and yarns in "pound."
[3] Report brake linings in "pound."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
66391 Ceramic forms for rubber dipped goods; and ceramic glove forms.	.....	FINP 8	Z	—	—	—	B
66391 Other laboratory and industrial ceramic wares, not refractory.	.....	FINP 8	XYZ	—	—	100	B
66392 Other articles of ceramic materials, n.e.c. ...	.....	FINP 8	Z	—	—	—	B
66401 Sheet (window) glass, plate glass, float glass, and cast or rolled glass, in rectangles, unworked or surface ground or polished, but not further worked, *excluding safety glass.*	Sq. ft.	FINP 8	Z	—	—	—	B
66413 Glass pellets; and glass graining marbles..	Lb.	FINP 8	Z	—	—	—	B
66413 Other glass unworked in balls, rods, or tubes.	Lb.	FINP 8	YZ	—	—	—	B
66414 Glass in the mass, waste glass, including enamel glass.	Lb.	FINP 8	Z	—	—	—	B
66420 Ophthalmic glass and ophthalmic lens blanks, not optically worked.	Lb.	SATE 8	Z	—	—	—	B
66420 Lens blanks of monocrystalline silicon or of silicon with a purity of 99.99 percent or more.	Lb.	RARA 1	TVWXYZ	500	50	—	A
66420 Lens blanks containing 99.9 percent to 99.99 percent silicon.	Lb.	RARA 2	TVWXYZ	500	50	—	
66420 Optical glass and lens blanks, not optically worked, specially fabricated for equipment providing amplification or oscillation by means of stimulated electromagnetic radiation, such as Masers, Lasers, or Irasers. (Specify by name and type.) [Report optically worked glass in Export Control Commodity Nos. 86111 and 86112.]	Lb.	RARA 1	TVWXYZ	500	50	—	A
66420 Other optical glass and elements thereof, not optically worked.	Lb.	SATE 8	XYZ	—	—	100	B
66460 Construction materials of pressed or molded glass.	.....	FINP 8	Z	—	—	—	B
66470 Bulletproof windshields over ¾ inch thick, specially fabricated for aircraft.[1]	Sq. ft.	TRAN 2	TVWXYZ	500	500	—	E-2
66470 Other laminated glass or toughened safety glass for aircraft, *excluding frames.*	Sq. ft.	TRAN 8	XYZ	—	—	100	B
66470 Auto glass, clear or tinted.....	Sq. ft.	FINP 8	YZ	—	—	—	B
66470 Other laminated glass and manufactures..	Sq. ft.	FINP 8	XYZ	—	—	100	B
66470 Safety glass *excluding laminated*.....	Sq. ft.	FINP 8	Z	—	—	—	B
66480 Mirrors for automotive vehicles.....	.....	FINP 8	XYZ	—	—	100	B
66480 Other glass mirrors.....	.....	FINP 8	Z	—	—	—	B
66491 Sheet, plate, float and multiple wall and other glass, cut (other than into rectangles), bent or otherwise worked.	Sq. ft.	FINP 8	Z	—	—	—	B
66492 Electron tube blanks.....	No.	FINP 8	XYZ	—	—	100	B
66492 Other glass envelopes, n.e.c.....	No.[2]	FINP 8	YZ	—	—	—	B
66493 Clock and watch glass and similar glasses with primary function of protection.	.....	FINP 8	Z	—	—	—	B

[1] Windshields having a thickness exceeding ¾ of an inch and specially fabricated for types of aircraft licensed by the U. S. Department of State require export authorization from the U. S. Department of State. See paragraph 370.5(a).
[2] Report glass envelopes for electric light bulbs in "thousand."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
66494 Continuous rovings and tapes suitable for use in filament wound structures having all of the following characteristics: (a) consisting of monofilaments 12 microns (0.00047 inch) or less in diameter; (b) modulus of elasticity greater than 11 times 10^6 psi; and (c) tensile strength to density ratio (figure of merit) greater than 350,000 psi.[1]	.....	FINP 1	TVWXYZ	500	—	—	A
66494 Other continuous rovings and tapes made of glass fibers having a modulus of elasticity of 10.5 times 10^6 psi or greater or having a tensile strength to density ratio (figure of merit) of 300,000 psi or greater.[1]	.....	FINP 2	TVWXYZ	500	—	—	E-5
66494 Articles of glass fiber impregnated or coated with fluorocarbon polymers or copolymers, and polypyromellitimide or polybenzimidazole. (Specify by name.)	.....	RESN 2	TVWXYZ	500	25	—	E-1
66494 Other articles of glass fiber, *the following only:* filters, foamglass, tubing or cord covered or coated with plastic or other man-made fibers.	.....	FINP 8	XYZ	—	—	100	B
66494 Glass fiber for insulation and other articles of glass fiber n.e.c.	.....	FINP 8	YZ	—	—	—	B
66511 Glass containers, including stoppers and closures of glass.	Gross	FINP 8	Z	—	—	—	B
66512 Inners for vacuum vessels.....	No.	FINP 8	XYZ	—	—	100	B
66520 Glass table ware and other articles of glass for household, hotel, and restaurant use.	.....[2]	FINP 8	Z	—	—	—	B
66581 Laboratory, hygienic, or pharmaceutical glassware coated with fluorocarbon polymers or copolymers. (Specify by name.)	.....	RESN 2	TVWXYZ	500	25	—	E-1
66581 Laboratory, hygienic, or pharmaceutical glassware.	.....	FINP 8	XYZ	—	—	100	B
66585 Articles of glass n.e.c., *the following only:* floaters, glass valves, *except laboratory*, balletini reflective material, and reflective highway machinery beads.	.....	FINP 8	XYZ	—	—	100	B
66585 Other articles of glass n.e.c.....	.....	FINP 8	Z	—	—	—	B
66640 Porcelain or china household ware.....	Doz.	FINP 8	Z	—	—	—	B
66650 Household ware of other ceramic materials..	Doz.	FINP 8	Z	—	—	—	B
66660 Ornaments and furnishing goods of porcelain, china, or ceramic materials.	.....	FINP 8	Z	—	—	—	B
66700 Quartz crystals (natural and synthetic), unprocessed, radio grade only. [Report optical quality in Export Control Commodity No. 86111, and mounted in No. 72930.]	Lb.	RARA 1	TVWXYZ	500	50	—	A

[1] Tensile strength to density ratio (figure or merit) is tensile strength times (2.55 divided by specific gravity of the fiber).
[2] Report machine-made glass tableware, kitchenware, and cooking ware in "dozen."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
66700 Diamonds (genuine or synthetic); diamond bearings; jewel bearings; rubies (genuine and synthetic); and sapphires (genuine and synthetic).	.....[1]	FINP 8	XYZ	—	—	100	B
66700 Other precious, semiprecious, synthetic, and imitation stones; and pearls, natural or cultured.	.....	FINP 8	Z	—	—	—	B
IRON AND STEEL							
67120 Pig iron, including cast iron	S. ton	STEE 8	Z	—	—	—	B
67131 Shot, angular grit and wire pellets of iron or steel.	Lb.	STEE 8	YZ	—	—	—	B
67134 Carbonyl iron powder; and sponge iron or steel.	Lb.	STEE 8	YZ	—	—	—	B
67134 Other iron or steel powders	Lb.	STEE 8	XYZ	—	—	100	B
67140 Ferromanganese	S. ton	MINL 8	Z	—	—	—	B
67160 Ferromolybdenum	Lb.	MINL 4	TVWXYZ	500	100	—	E–7
67160 Ferroboron. (Specify alloy content.)	Lb.	MINL 1	TVWXYZ	500	100	—	A E–7
67160 Ferrocobalt. [Report cobalt melting base materials in Export Control Commodity No. 66429.]	Lb.	MINL 4	TVWXYZ	500	100	—	
67160 Ferrocolumbium. (Specify columbium content.)	Lb.	MINL 1	TVWXYZ	500	100	—	A E–7
67160 Ferrocolumbium-tantalum. (Specify alloy content.)	Lb.	MINL 1	TVWXYZ	500	100	—	A E–7
67160 Ferrotantalum. (Specify alloy content.)	Lb.	MINL 1	TVWXYZ	500	100	—	A E–7
67160 Ferrozirconium, containing more than 50 percent zirconium in which the ratio of hafnium content to zirconium content is less than one part to 500 parts by weight. (Specify hafnium content.)	Lb.	MINL 1	TVWXYZ	500	100	—	A E–7
67160 Other ferrozirconium, containing more than 50 percent zirconium. (Specify hafnium content.)	Lb.	MINL 2	TVWXYZ	500	100	—	E–7
67160 Ferrovanadium	Lb.	MINL 8	XYZ	—	—	100	B
67160 Ferrotitanium; ferrocarbon-titanium; and ferrotungsten.	Lb.	MINL 8	YZ	—	—	—	B
67160 Other ferroalloys, including spiegeleisen. [Report ferrocerium and other pyrophoric ferrous alloys in Export Control Commodity No. 59993.]	Lb.[2]	MINL 8	Z	—	—	—	B
67210 Puddled bars and pilings, blocks, lumps, and other primary forms of iron or steel, n.e.c.	S. ton	STEE 8	WXYZ	—	—	100	B
67243 Billets, blooms, slabs, and sheet bars, alloy steel, special types Class 1.[3, 4]	S. ton	STEE 3	TVWXYZ	500	100	—	A E–7

[1] Report diamonds in "carat."
[2] Report ferrosilicon and ferrochrome in "short ton."
[3] For definition of "special types" of alloy steel, see § 399.2, Interpretations 8 and 9.
[4] Specify recognized designation (AISI, SAE, NE number, etc.), or percentage of each alloying element.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
67243 Other billets, blooms, slabs, and sheet bars, alloy steel (including stainless), as follows: (a) containing 6 percent or more cobalt, (b) AISI type 309-S-Cb-Ta, or (c) containing a total of 35 percent or more of alloying elements.[1]	S. ton	STEE 4	TVWXYZ	500	100	—	E-7
67243 Alloy steel (including stainless) billets, projectile and shell steel.	S. ton	STEE 8	WXYZ	—	—	100	B
67243 Billets, blooms, slabs, and sheet bars, alloy steel (including stainless), special types Class 2.[1, 2]	S. ton	STEE 8	WXYZ	—	—	100	B
67243 Other billets, blooms, slabs, and sheet bars, alloy steel (including stainless).	S. ton	STEE 8	XYZ	—	—	100	B
67244 Blooms, billets, slabs, sheet bars, carbon steel (including projectile and shell steel).	S. ton	STEE 8	WXYZ	—	—	100	B
67244 Carbon steel ingots	S. ton	STEE 8	Z	—	—	—	B
67244 Other carbon steel blooms, billets, slabs, sheet bars and roughly forged pieces.	S. ton	STEE 8	XYZ	—	—	100	B
67273 Alloy steel coils for rerolling, special types Class 1.[1, 2]	S. ton	STEE 3	TVWXYZ	500	100	—	A E-7
67273 Alloy steel coils for rerolling, special types Class 2.[1, 2]	S. ton	STEE 8	WXYZ	—	—	100	B
67273 Other alloy steel coils for rerolling	S. ton	STEE 8	WXYZ	—	—	100	B
67274 Carbon steel coils for rerolling	S. ton	STEE 8	WXYZ	—	—	100	B
67290 Blanks for tubes and pipes of iron and steel.	S. ton	STEE 8	XYZ	—	—	100	B
67313 Wire rods (including stainless), alloy steel, special types Class 1.[1, 2]	S. ton	STEE 3	TVWXYZ	500	100	—	A E-8
67313 Wire rods (including stainless), as follows: (a) containing 6 percent or more cobalt, (b) AISI type 309-S-Cb-Ta, or (c) containing a total of 35 percent or more of alloying elements.[1]	S. ton	STEE 4	TVWXYZ	500	100	—	E-8
67313 Alloy steel, wire rods, special types Class 2.[1, 2]	S. ton	STEE 8	WXYZ	—	—	100	B
67313 Other alloy steel wire rods	S. ton	STEE 8	XYZ	—	—	100	B
67314 Wire rods, carbon steel	S. ton	STEE 8	XYZ	—	—	100	B
67323 Alloy steel bars and rods, special types Class 1.[1, 2]	S. ton	STEE 3	TVWXYZ	500	100	—	A E-8
67323 Alloy steel bars and rods, containing 6 percent or more cobalt.[1]	S. ton	STEE 4	TVWXYZ	500	100	—	E-8
67323 Alloy steel bars and rods, projectile and shell steel, hot rolled, *excluding stainless.*	S. ton	STEE 8	WXYZ	—	—	100	B
67323 Other alloy steel bars and rods, special types Class 2.[1, 2]	S. ton	STEE 8	WXYZ	—	—	100	B
67323 Nickel-bearing steel bars and rods, as follows: (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1]	S. ton	STEE 4	TVWXYZ	500	100	—	E-8
67323 Other alloy steel bars and rods	S. ton	STEE 8	XYZ	—	—	100	B
67324 Bars and rods, projectile and shell steel, hot rolled carbon steel.	S. ton	STEE 8	WXYZ	—	—	100	B

[1] Specify recognized designation (AISI, SAE, NE number, etc.); or percentage of each alloying element.
[2] For definition of "special types" of alloy steel, see § 399.2. Interpretations 8 and 9.

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				T	V	X	
67324 Other carbon steel bars and rods; and concrete reinforcing bars.	S. ton	STEE 8	Z	—	—	—	B
67343 Structural shapes, not fabricated, alloy steel, special types Class 1.[1, 2]	S. ton	STEE 3	TVWXYZ	500	100	—	A E–8
67343 Nickel-bearing steel structural shapes, not fabricated, as follows: (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1]	S. ton	STEE 4	TVWXYZ	500	100	—	E–8
67343 Alloy steel structural shapes, not fabricated, special types Class 2.[1, 2]	S. ton	STEE 8	WXYZ	—	—	100	B
67343 Other angles, shapes and sections, having a maximum cross sectional dimension of 3 inches or more of alloy steel.	S. ton	STEE 8	XYZ	—	—	100	B
67344 Carbon steel angles, shapes and sections having a maximum cross sectional dimension of 3 inches or more; and carbon steel sheet piling.	S. ton	STEE 8	Z	—	—	—	B
67353 Alloy steel angles, shapes and sections, special types Class 1.[1, 2]	S. ton	STEE 3	TVWXYZ	500	100	—	A E–8
67353 Alloy steel angles, shapes, and sections, containing 6 percent or more cobalt.[1]	S. ton	STEE 4	TVWXYZ	500	100	—	E–8
67353 Nickel-bearing steel angles, shapes and sections, hot-rolled, as follows: (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1]	S. ton	STEE 4	TVWXYZ	500	100	—	E–8
67353 Angles, shapes and sections, projectile and shell steel, hot rolled alloy steel, *excluding stainless.*	S. ton	STEE 8	WXYZ	—	—	100	B
67353 Alloy steel angles, shapes and sections, special types Class 2.[1, 2]	S. ton	STEE 8	WXYZ	—	—	100	B
67353 Other angles, shapes, and sections, having a maximum cross sectional dimension of less than 3 inches, of alloy steel.	S. ton	STEE 8	XYZ	—	—	100	B
67354 Angles, shapes, and sections, projectile and shell steel, hot rolled, carbon steel, having a maximum cross sectional dimension of less than 3 inches.	S. ton	STEE 8	WXYZ	—	—	100	B
67354 Other carbon steel angles, shapes, and sections, having a maximum cross sectional dimension of 3 inches or less.	S. ton	STEE 8	Z	—	—	—	B
67443 Alloy steel plates and sheets, special types Class 1.[1, 2]	S. ton	STEE 3	TVWXYZ	500	100	—	A E–8
67443 Alloy steel plates and sheets, suitable for making pipe having the following specifications: of a size greater than 19 inches o.d. *and* having a yield strength greater than 40,000 psi as determined by API (American Petroleum Institute) test.	S. ton	STEE 6	VWXYZ	—	100	—	E–8

[1] Specify recognized designation (AISI, SAE, NE number, etc.), or percentage of each alloying element.
[2] For definitions of "special types" of alloy steel, see § 399.2, Interpretations 8 and 9.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
67443 Nickel-bearing steel plates and sheets, as follows: (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1]	S. ton	STEE 4	TVWXYZ	500	100	—	E-8
67443 Electrical (silicon) steel sheet, grain oriented, with a thickness of 0.004 inch (0.1 mm.) or less, regardless of core loss characteristics. (Specify thickness in decimal parts of an inch or in millimeters.)	S. ton	STEE 3	TVWXYZ	500	100	—	A E-8
67443 Other alloy steel electrical (silicon), as follows: (a) sheets with a core loss of 0.45 watts per pound at 13,000 gausses and 50 cycles per second (0.62 watts per pound at 15,000 gausses and 50 cycles per second) or less regardless of thickness, or (b) strip with a thickness of 0.005 inch up to and including 0.008 inch (0.2 mm.), regardless of core loss characteristics or whether or not grain oriented. (Specify thickness in decimal parts of an inch or in millimeters, and specify core loss in watts per pound at flux density of either 13,000 or 15,000 gausses and at 50 cycles per second.)	S. ton	STEE 4	TVWXYZ	500	100	—	E-8
67443 Other alloy steel plates and sheets.....	S. ton	STEE 8	WXYZ	—	—	100	B
67444 Carbon steel sheets and plates suitable for making pipe having the following specifications: of a size greater than 19 inches o.d. *and* having a yield strength greater than 40,000 psi as determined by API (American Petroleum Institute) test.	S. ton	STEE 6	VWXYZ	—	100	—	E-8
67444 Other iron or steel plates and sheets, including black plate.[2]	S. ton	STEE 8	WXYZ	—	—	100	B

[1] Specify recognized designation (AISI, SAE, NE number, etc.), or percentage of each alloying element.
[2] Armor plate requires export authorization from the U. S. Department of State. See paragraph 370.5 (a).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
67470 Tinned plates and sheets as follows: hot dipped or electrolytic; circles, cobbles, shear butts, etc.; and decorated, embossed, lithographed, lacquered, etc.	S. ton	TNPL 8	WXYZ	—	—	100	B
67480 Steel sheets and plates suitable for making pipe having the following specifications: of a size greater than 19 inches o.d. *and* having a yield strength greater than 40,000 psi as determined by API (American Petroleum Institute) test.	S. ton	STEE 6	VWXYZ	—	100	—	E-8
67480 Alloy steel sheets and plates coated, special types, Class 1.[1, 2]	S. ton	STEE 3	TVWXYZ	500	100	—	A E-8
67480 Other steel plates and sheets, coated.[3]	S. ton	STEE 8	WXYZ	—	—	100	B
Hot-rolled, except electrical:							
67503 Alloy steel strip and skelp, hot-rolled, *excluding stainless*, special types Class 1.[1, 2]	S. ton	STEE 3	TVWXYZ	500	100	—	A E-8
67503 Alloy steel strip, and skelp, hot-rolled, *excluding stainless*, suitable for making pipe having the following specifications: of a size greater than 19 inches o.d. *and* having a yield strength greater than 40,000 psi as determined by API (American Petroleum Institute) test.	S. ton	STEE 6	VWXYZ	—	100	—	E-8
67503 Stainless steel strip, and skelp, hot-rolled, special types Class 1.[1, 2]	S. ton	STEE 3	TVWXYZ	500	100	—	A E-8
67503 Nickel-bearing stainless steel strip, and skelp, hot-rolled, as follows: (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1]	S. ton	STEE 4	TVWXYZ	500	100	—	E-8
67503 Other alloy steel strip, including stainless. .	S. ton	STEE 8	WXYZ	—	—	100	B

[1] Specify recognized designation (AISI, SAE, NE number, etc.), or percentages of each alloying element.
[2] For definitions of "special types" of alloy steel, see §399.2, Interpretations 8 and 9.
[3] Armor plate requires export authorization from the U. S. Department of State. See paragraph 370.5(a).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
67503 Skelp suitable for making pipe having the following specifications: of a size greater than 19 inches o.d. *and* having a yield strength greater than 40,000 psi as determined by API (American Petroleum Institute) test.	S. ton	STEE 6	VWXYZ	—	100	—	E–8
67503 Thermo bimetal, thermometal, and thermostatic metal, chief value steel.	S. ton	STEE 8	WXYZ	—	—	100	B
Cold rolled except electrical:							
67503 Alloy steel strip, and skelp, cold-rolled, *excluding stainless*, special types Class 1.[1, 2]	S. ton	STEE 3	TVWXYZ	500	100	—	A E–8
67503 Alloy steel strip, and skelp, cold-rolled, *except stainless*, suitable for making pipe having the following specifications: of a size greater than 19 inches o.d. *and* having a yield strength greater than 40,000 psi as determined by API (American Petroleum Institute) test.	S. ton	STEE 6	VWXYZ	—	100	—	E–8
67503 Other alloy steel, *excluding stainless*.....	S. ton	STEE 8	WXYZ	—	—	100	B
67503 Stainless steel strip and skelp, cold-rolled, special types, Class 1.[1, 2]	S. ton	STEE 3	TVWXYZ	500	100	—	A E–8
67503 Nickel-bearing stainless steel strip, and skelp, cold-rolled, as follows: (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1]	S. ton	STEE 4	TVWXYZ	500	100	—	E–8
67503 Other stainless steel strip and skelp.....	S. ton	STEE 8	WXYZ	—	—	100	B
Hoop and strip, alloy steel:							
67503 Alloy steel, electrical (silicon) strip, grain oriented, with a thickness of 0.004 inch (0.1 mm.) or less, regardless of core loss characteristics. (Specify thickness in decimal parts of an inch or in millimeters.)	S. ton	STEE 3	TVWXYZ	500	100	—	A E–8
67503 Alloy steel electrical (silicon) as follows: (a) strip with a core loss of 0.45 watts per pound at 13,000 gausses and 50 cycles per second (0.62 watts per pound at 15,000 gausses and 50 cycles per second) or less regardless of thickness, or (b) strip with a thickness of 0.005 inch up to and including 0.008 inch (0.2 mm.), regardless of core loss characteristics or whether or not grain-oriented. (Specify thickness in decimal parts of an inch or in millimeters, and specify core loss in watts per pound at flux density of either 13,000 or 15,000 gausses and at 50 cycles per second.)	S. ton	STEE 4	TVWXYZ	500	100	—	E–8
67503 Other alloy steel strip, electrical.....	S. ton	STEE 8	WXYZ	—	—	100	B

[1] Specify recognized designation (AISI, SAE, NE number, etc.), or percentage of each alloying element.
[2] For definitions of "special types" of alloy steel, see § 399.2, Interpretations 8 and 9.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
Hoop and strip carbon steel:							
67504 Carbon steel, electrical (silicon) strip, grain oriented, with a thickness of 0.004 inch (0.1 mm.) or less, regardless of core loss characteristics. (Specify thickness in decimal parts of an inch or in millimeters.)	S. ton	STEE 3	TVWXYZ	500	100	—	A E–8
67504 Other carbon steel, electrical (silicon) steel as follows: (a) strip with a core loss of 0.45 watts per pound at 13,000 gausses and 50 cycles per second (0.62 watts per pound at 15,000 gausses and 50 cycles per second) or less regardless of thickness, or (b) strip with a thickness of 0.005 inch up to and including 0.008 inch (0.2 mm.), regardless of core loss characteristics or whether or not grain oriented. (Specify thickness in decimal parts of an inch or in millimeters, and specify core loss in watts per pound at flux density of either 13,000 or 15,000 gausses and at 50 cycles per second.)	S. ton	STEE 4	TVWXYZ	500	100	—	E–8
67504 Carbon steel strip, gilding metal clad.....	S. ton	STEE 5	TVWXYZ	500	100	—	A E–8
67504 Carbon steel strip and skelp suitable for making pipe having the following specifications: of a size greater than 19 inches o.d. *and* having a yield strength greater than 40,000 psi as determined by API (American Petroleum Institute) test.	S. ton	STEE 6	VWXYZ	—	100	—	E–8
67504 Pure iron (Svea) strip	S. ton	STEE 8	Z	—	—	—	B
67504 Other carbon steel hoop and strip.....	S. ton	STEE 8	WXYZ	—	—	100	B
67610 Standard tee rails, new.....	S. ton	STEE 8	YZ	—	—	—	B
67610 Other iron or steel rails, new and used.....	S. ton	STEE 8	Z	—	—	—	B
67620 Rail joints, rail tie plates, and other sleeper and railway track material of iron or steel.	S. ton	STEE 8	Z	—	—	—	B
67703 Alloy steel wire, special types Class 1.[1, 2]	Lb.	STEE 3	TVWXYZ	500	100	—	A E–8
67703 Alloy steel wire, as follows: glass to metal sealing alloys containing 6 percent or more cobalt.[1]	Lb.	STEE 4	TVWXYZ	500	100	—	E–8
67703 Nickel-bearing steel wire, as follows: (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1]	Lb.	STEE 4	TVWXYZ	500	100	—	E–8
67703 Alloy steel wire, special types Class 2.[1, 2]	Lb.	STEE 8	WXYZ	—	—	100	B
67703 Other alloy steel wire.....	Lb.	STEE 8	XYZ	—	—	100	B
Iron and steel wire, bare, excluding wire rod, carbon steel:							
67704 Carbon steel wire, bare or coated, including galvanized	Lb.	STEE 8	XYZ	—	—	100	B
67810 Cast iron pipe lined with or covered with polytetrafluoroethylene or polytrifluorochloroethylene.	Lb.	STEE 3	TVWXYZ	500	100	—	A
67810 Cast iron pipe lined with or covered with other fluorocarbon polymers or copolymers.[3]	Lb.	STEE 2	TVWXYZ	500	100	—	E–8

[1] Specify recognized designation (AISI, SAE, NE numbers, etc.), or percentage of each alloying element.
[2] For definitions of "special types" of alloy steel, see § 399.2, Interpretations 8 and 9.
[3] See § 399.2, Interpretation 22.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
67810 Other cast iron pressure pipe	Lb.	STEE 8	Z	—	—	—	B
67810 Other cast iron soil pipe	Lb.	STEE 8	YZ	—	—	—	B
67850 Forged steel pipe fittings having a pipe size connection greater than 19 inches o.d. *and* designed for a working pressure of over 300 psi as determined by API (American Petroleum Institute) test.	Lb.	STEE 6	VWXYZ	—	100	—	E–8
67850 Cast iron pipe fittings	Lb.	STEE 8	YZ	—	—	—	B
67850 Other iron or steel pipe fittings	Lb.	STEE 8	Z	—	—	—	B
67860 Pipes and tubes lined with or covered with polytetrafluoroethylene or polytrifluorochloroethylene.	Lb.	STEE 3	TVWXYZ	500	100	—	A E–8
67860 Pipes and tubes lined with or covered with other fluorocarbon polymers or copolymers.[1]	Lb.	STEE 4	TVWXYZ	500	100	—	E–8
67860 Pipes and tubes, special types Class 1.[2, 3]	Lb.	STEE 3	TVWXYZ	500	100	—	A E–8
67860 Other nickel-bearing stainless steel pipes and tubes as follows: (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[2]	Lb.	STEE 4	TVWXYZ	500	100	—	E–8
67860 Line pipe, carbon or alloy steel, seamless or welded, of a size greater than 19 inches o.d. *and* having a yield strength greater than 40,000 psi as determined by API (American Petroleum Institute) test.	Lb.	STEE 6	VWXYZ	—	100	—	
67860 Other line pipe, carbon or alloy steel, seamless or welded.	Lb.	STEE 8	WXYZ	—	—	100	B
67860 Pipes and tubes, special types Class 2.[1, 2]	Lb.	STEE 8	WXYZ	—	—	100	B
67860 Penstock for conducting water (sections fabricated from rolled steel plate; culverts, carbon steel, corrugated or plain, with or without accessories; standard pipe, steel or wrought iron, black or galvanized, seamless or welded; mechanical tubing, carbon steel; and pressure tubes and tubing, carbon steel, seamless or welded.	Lb.	STEE 8	Z	—	—	—	B
67860 Electrical conduits, all steel grades	Lb.	FINP 8	Z	—	—	—	B
67860 Other steel pipes and tubes	Lb.	STEE 8	XYZ	—	—	100	B
Castings and forgings:[4]							
67910 Grey iron or malleable iron castings in the rough state.	Lb.	STEE 8	Z	—	—	—	B
67920 Carbon steel castings in the rough state	Lb.	STEE 8	Z	—	—	—	B
67920 Alloy steel castings, special types Class 1,[2, 3] *except stainless steel grinding balls.*	Lb.	STEE 3	TVWXYZ	500	100	—	A E–8
67920 Stainless steel castings, special types Class 1,[2, 3] *except grinding balls.*	Lb.	STEE 3	TVWXYZ	500	100	—	A E–8

[1] See § 399.2, Interpretation 22.
[2] Specify recognized designation (AISI, SAE, NE number, etc.), or percentage of each alloying element.
[3] For definitions of "special types" of alloy steel, see § 399.2, Interpretations 8 and 9.
[4] Castings and forgings of any article enumerated in paragraph 370.5(a) require export authorization from the U. S. Department of State.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
67920 Nickel-bearing stainless steel castings as follows,[1, 2] *except stainless steel grinding balls:* (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1]	Lb.	STEE 4	TVWXYZ	500	100	—	E–8
67920 Alloy steel castings, special types Class 2.[1, 2]	Lb.	STEE 8	WXYZ	—	—	100	B
67920 Other alloy steel castings in the rough state.	Lb.	STEE 8	YZ	—	—	—	B
67930 Carbon steel forgings in the rough state....	Lb.	STEE 8	Z	—	—	—	B
67930 Forgings, alloy steel, including stainless, special types Class 1,[1, 2] *excluding grinding balls.*	Lb.	STEE 3	TVWXYZ	500	100	—	A E–8
67930 Nickel-bearing stainless steel forgings as follows, *excluding grinding balls:* (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1]	Lb.	STEE 4	TVWXYZ	500	100	—	E–8
67930 Forgings, alloy steel (including stainless), special types Class 2.[1, 2]	Lb.	STEE 8	WXYZ	—	—	100	B
67930 Other alloy steel forgings in the rough state.	Lb.	STEE 8	YZ	—	—	—	B
NON-FERROUS METALS [3]							
68050 Silver ore and base bullion.....	Cnt. troy oz.	MINL 8	YZ	—	—	—	B
68060 Silver bullion, refined.....	Cnt. troy oz.	MINL 8	YZ	—	—	—	B
68070 Silver coin, United States.....	.....	MINL 8	YZ	—	—	—	B
68080 Silver coin, foreign, monetary.....	.....	MINL 8	YZ	—	—	—	B
68111 Silver-copper, brazing alloy.....	Troy oz.	NONF 8	WXYZ	—	—	100	B
68111 Silver, leaf.....	Troy oz.	FINP 8	YZ	—	—	—	B
68111 Silver alloy manufactures.....	Troy oz.	FINP 8	XYZ	—	—	100	B
68111 Silver plated manufactures.....	Troy oz.	FINP 8	Z	—	—	—	B
68112 Rolled silver, unworked or partly worked...	Troy oz.	FINP 8	YZ	—	—	—	B
68120 Platinum and other metals of platinum group, unworked or partly worked, n.e.c.	Troy oz.	MINL 8	YZ	—	—	—	B
68211 Blister copper and other unrefined copper..	Lb.	NONF 6	TVWXYZ	500	500	—	E–7
68212 Refined copper, including remelted, in cathodes, billets, ingots, wire bars, and other crude forms. (See § 373.20.)	Lb.	NONF 6	TVWXYZ	500	500	—	E–7
68213 Master alloys of copper. (Specify percentage of each alloying element, or the recognized standard and commercial brand or trade name.) (See § 373.43.)	Lb.	NONF 6	TVWXYZ	500	500	—	E–7
68221 Bars, rods, angles, shapes, sections, and wire of copper or copper base alloy.	Lb.	NONF 8	WXYZ	—	—	100	B
68222 Plates, sheets, and strips of copper or copper base alloy.	Lb.	NONF 8	WXYZ	—	—	100	B
68223 Copper foil	Lb.	FINP 8	XYZ	—	—	100	B
68223 Paper backed copper foil.....	Lb.	TEXT 8	Z	—	—	—	B

[1] Specify recognized designation (AISI, SAE, NE number, etc.), or percentage of each alloying element.
[2] For definitions of "special types" of alloy steel, see §399.2, Interpretations 8 and 9.
[3] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
68224 Copper and copper alloy powders and flakes.	Lb.	NONF 8	YZ	—	—	—	B
68225 Tubes, pipes, and blanks therefor, and hollow bars of copper or copper base alloy.	Lb.	NONF 8	WXYZ	—	—	100	B
68226 Tube and pipe fittings of copper or copper base alloy.	Lb.	NONF 8	WXYZ	—	—	100	B
68310 Nickel silicon shot ("F" shot); and nickel alloys, unwrought containing 32 percent or more nickel, *except nickel-copper alloys containing not more than 6 percent of other alloying elements.* (Specify by name with complete metal analysis.)	Lb.	NONF 6	TVWXYZ	500	100	—	E–8
68310 Other nickel and nickel alloys, unwrought..	Lb.	NONF 8	WXYZ	—	—	100	B
68321 Bars, rods, angles, shapes, sections, and wire of nickel alloy containing 32 percent or more nickel, *excluding nickel-copper alloys containing not more than 6 percent of other alloying elements.* (Specify by name with complete metal analysis.)	Lb.	NONF 6	TVWXYZ	500	100	—	E–8
68321 Wire containing 32 percent or more nickel, *except nickel-copper alloys containing not more than 6 percent of other alloying elements.* (Specify by name with complete metal analysis.)	Lb.	NONF 6	TVWXYZ	500	100	—	E–8
68321 Thermocouple nickel chrome wire up to and including 5.0 mm. in diameter, *except nickel-chrome electric resistance wire.*	Lb.	NONF 6	TVWXYZ	500	100	—	E–8
68321 Other bars, rods, angles, shapes, sections and wire of nickel.	Lb.	NONF 8	WXYZ	—	—	100	B
68322 Thermo bimetal, thermometal, and thermostatic metal, chief value nickel.	Lb.	NONF 2	VWXYZ	—	100	—	E–8
68322 Bi-metallic strip for thermostats; and plates, sheets, and strips of nickel alloy containing 32 percent or more nickel, *except nickel-copper alloys containing not more than 6 percent of other alloy elements, and nickel-chrome electric resistance materials.* (Specify by name with complete metal analysis.)	Lb.	NONF 6	TVWXYZ	500	100	—	E–8
68322 Nickel powders with a particle size less than 200 microns. (Specify by name.)	Lb.	NONF 7	TVWXYZ	500	100	—	A E–7
68322 Nickel powders with a particle size of 200 microns or over; and other nickel powder and flakes containing 32 percent or more nickel, *excluding nickel-copper alloy powders and flakes containing not more than 6 percent of other alloying elements.* (Specify by name with complete metal analysis.)	Lb.	NONF 6	TVWXYZ	500	500	—	E–7
68322 Nickel alloy foil (less than .006 of an inch in thickness) containing 32 percent or more nickel, *excluding nickel-copper alloy foil containing not more than 6 percent of other alloying elements.* (Specify complete metal analysis.)	Lb.	NONF 6	TVWXYZ	500	100	—	E–8

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
68322 Paper backed nickel foil	Lb.	TEXT 8	Z	—	—	—	B
68322 Other nickel and nickel alloy plates, sheets, strips, powders, flakes, and foil.	Lb.	NONF 8	WXYZ	—	—	100	B
68323 Tubes, pipes, blanks, and hollow bars of nickel containing 32 percent or more nickel, *excluding nickel-copper alloys containing not more than 6 percent of other alloying elements.* (Specify by name with complete metal analysis.)	Lb.	NONF 6	TVWXYZ	500	100	—	E-8
68323 Other tubes, pipes, blanks, and hollow bars of nickel or nickel alloy.	Lb.	NONF 8	WXYZ	—	—	100	B
68323 Tube and pipe fittings of nickel or nickel alloy.	Lb.	NONF 8	YZ	—	—	—	B
68324 Electroplating anodes of nickel	Lb.	NONF 8	WXYZ	—	—	100	B
68401 Extrusion billet, aluminum or aluminum alloy, special types only.[1]	Lb.	NONF 8	WXYZ	—	—	100	B
68401 Other aluminum or aluminum alloy extrusion billet.	Lb.	NONF 8	YZ	—	—	—	B
68401 Continuous cast rods and bars (under ¾ inch), aluminum or aluminum alloy, special types only.[1]	Lb.	NONF 8	WXYZ	—	—	100	B
68401 Other aluminum or aluminum alloy continuous cast rods and bars.	Lb.	NONF 8	YZ	—	—	—	B
68401 Other aluminum or aluminum alloy unwrought forms, special types only.[1]	Lb.	NONF 8	WXYZ	—	—	100	B
68401 Other aluminum or aluminum alloy unwrought forms.	Lb.	NONF 8	YZ	—	—	—	B
68401 Wire, bare, and rolled bars, rods, angles, shapes, and sections (under ¾ inch), aluminum or aluminum alloy, special types only.[1]	Lb.	NONF 8	WXYZ	—	—	100	B
68401 Other bare wire, and other rolled bars, rods, angles, shapes, and sections, aluminum or aluminum alloy.	Lb.	NONF 8	YZ	—	—	—	B
68401 Extruded bars, rods, angles, shapes, and sections, aluminum or aluminum alloy, special types only.[1]	Lb.	NONF 8	WXYZ	—	—	100	B
68401 Other extruded bars, rods, angles, shapes, and sections, aluminum or aluminum alloy.	Lb.	NONF 8	YZ	—	—	—	B
68422 Plates and sheets of aluminum alloy (0.006 inch and over in thickness), special types only.[1]	Lb.	NONF 8	WXYZ	—	—	100	B
68422 Plates and sheets of aluminum	Lb.	NONF 8	YZ	—	—	—	B
68423 Aluminum and aluminum alloy foil, plain	Lb.	NONF 8	XYZ	—	—	100	B
68423 Aluminum foil, paper back or cellulose film back or laminated on cellophane.	Lb.	TEXT 8	Z	—	—	—	B
68423 Aluminum and aluminum foil and leaf (less than 0.006 inch in thickness).	Lb.	NONF 8	Z	—	—	—	B

[1] For export control purposes, "special types" of aluminum alloys are defined as those which have (1) an average copper content of 1 percent or more irrespective of other elements; or (2) an average copper content of less than 1 percent and (a) a zinc content of 4 percent or more, (b) a silicon content of 3.5 percent or more, or (c) a magnesium content of 9.5 percent or more.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
68424 Aluminum and aluminum alloy powder and flakes.	Cnt. lb.	NONF 8	YZ	—	—	—	B
68425 Aluminum and aluminum alloy electrical conduit.	Lb.	FINP 8	Z	—	—	—	B
68425 Aluminum and aluminum alloy tubes, pipes, and tube blooms, special types only.[1]	Lb.	NONF 8	WXYZ	—	—	100	B
68425 Other aluminum and aluminum alloy tubes, pipes, and tube blooms.	Lb.	NONF 8	YZ	—	—	—	B
68426 Aluminum and aluminum alloy tube and pipe fittings.	Lb.	NONF 8	Z	—	—	—	B
68510 Lead and lead alloys, unwrought	Lb.	NONF 8	Z	—	—	—	B
68520 Lead and lead alloy powder bricks, and burning bars.	Lb.	NONF 8	XYZ	—	—	100	B
68520 Paper backed lead foil	Lb.	TEXT 8	Z	—	—	—	B
68520 Other lead and lead alloys, wrought	Lb.	NONF 8	Z	—	—	—	B
68610 Zinc and zinc alloys, unwrought	Lb.	NONF 8	Z	—	—	—	B
68620 Zinc and zinc alloys in wrought forms. [Report zinc dust or blue powder in Export Control Commodity No. 28410.]	Lb.	NONF 8	Z	—	—	—	B
68710 Tin shot	Lb.	NONF 8	Z	—	—	—	B
68710 Other tin and tin alloys, unwrought	Lb.	NONF 8	Z	—	—	—	B
68720 Britannia metal, wrought	Lb.	NONF 8	YZ	—	—	—	B
68720 Other tin and tin alloys, wrought	Lb.	NONF 8	Z	—	—	—	B
68931 Magnesium alloys, unwrought, containing 0.4 percent or more zirconium, or 1 percent or more of rare earth metals (cerium misch metal). (See § 399.2, Interpretations 10 and 12.)	Lb.	MINL 1	TVWXYZ	500	100	—	A
68931 Other magnesium and magnesium alloys, unwrought.	Lb.	MINL 8	YZ	—	—	—	B
68932 Magnesium alloy powders containing 0.4 percent or more zirconium or 1 percent or more of rare earth metals (cerium misch metal).	Lb.	MINL 1	TVWXYZ	500	100	—	A E-7
68932 Other magnesium alloys, wrought, containing 0.4 percent or more zirconium, or 1 percent or more of rare earth metals (cerium misch metal). (Specify by name.)	Lb.	MINL 1	TVWXYZ	500	100	—	A E-8
68932 Other magnesium and magnesium alloys, wrought.	Lb.	MINL 8	YZ	—	—	—	B
68933 Beryllium metal and alloys containing more than 50 percent beryllium, unwrought, and waste and scrap. (See § 399.2, Interpretations 10 and 12.)	Lb.	MINL 1	TVWXYZ	500	500	—	A
68933 Beryllium metal powders and beryllium alloy metal powders containing more than 50 percent beryllium by weight.	Lb.	MINL 1	TVWXYZ	500	500	—	A E-7
68933 Beryllium foil (less than .006 of an inch in thickness).	Lb.	MINL 1	TVWXYZ	500	500	—	A E-8

[1] For export control purposes, "special types" of aluminum alloys are defined as those which have (1) an average copper content of 1 percent or more irrespective of other elements; (2) an average copper content of less than 1 percent and (a) a zinc content of 4 percent or more, (b) a silicon content of 3.5 percent or more, or (c) a magnesium content of 9.5 percent or more.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
68933 Other beryllium metal and alloys containing more than 50 percent beryllium, wrought. (See § 399.2, Interpretation 12.)	Lb.	MINL 1	TVWXYZ	500	500	—	A E-8
68933 Other beryllium and beryllium alloys, wrought or unwrought, and waste and scrap.	Lb.	MINL 8	XYZ	—	—	100	B
68941 Tungsten metal and tungsten-based alloys in crude and semifabricated forms, *except (a) tungsten carbide, (b) tungsten powder, (c) pressed-sintered forms weighing less than 20 pounds, (d) pressed-sintered sheets less than 12 inches in width, (e) wire made from pressed-sintered tungsten, and (f) metal scrap.*	Lb.	MINL 1	TVWXYZ	500	100	—	A E-8
68941 Alloy steel scrap containing 1 percent or more tungsten by weight. (See § 399.2, Interpretations 10 and 12).	Lb.	STEE 2	TVWXYZ	500	100	—	
68941 Tungsten wire made from pressed-sintered tungsten.	Lb.	MINL 2	TVWXYZ	500	100	—	E-8
68941 Tungsten powder. [Report tungsten carbide powder in Export Control Commodity No. 51470.]	Lb.	MINL 8	YZ	—	—	—	B
68941 Other tungsten, wrought	Lb.	MINL 8	XYZ	—	—	100	B
68941 Other tungsten and tungsten alloys, unwrought, and waste and scrap.	Lb.	MINL 8	YZ	—	—	—	B
68942 Molybdenum, unwrought	Lb.	MINL 3	TVWXYZ	500	100	—	A E-7
68942 Molybdenum waste and scrap	Lb.	MINL 4	TVWXYZ	500	100	—	E-7
68942 Molybdenum wire, bare, *excluding cleaned wire of a diameter not exceeding 500 microns and which, after having been fully annealed has an elongation factor not exceeding 5 percent for diameters up to 200 microns and not exceeding 10 percent for diameters from 200 to 500 microns.*	Lb.	MINL 3	TVWXYZ	500	100	—	A E-8
68942 Other molybdenum wire	Lb.	MINL 8	WXYZ	—	—	100	B
68942 Molybdenum foil and molybdenum alloy foil (less than .006 of an inch in thickness).	Lb.	MINL 3	TVWXYZ	500	100	—	A E-8
68942 Molybdenum and molybdenum alloy metal powders.	Lb.	MINL 3	TVWXYZ	500	100	—	A E-7
68942 Other molybdenum, wrought	Lb.	MINL 3	TVWXYZ	500	100	—	A E-8
68943 Tantalum, unwrought, and waste and scrap. (See § 399.2 Interpretations 10 and 12.)	Lb.	MINL 1	TVWXYZ	500	100	—	A
68943 Tantalum and tantalum alloy metal powders.	Lb.	MINL 1	TVWXYZ	500	100	—	A E-7
68943 Other tantalum and tantalum alloys, wrought.	Lb.	MINL 1	TVWXYZ	500	100	—	A E-8
68943 Tantalum foil (less than .006 of an inch in thickness).	Lb.	MINL 1	TVWXYZ	500	100	—	A E-8
68950 Antimony and antimony alloys, wrought or unwrought, and waste and scrap.	Lb.	MINL 8	Z	—	—	—	B

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
68950 Bismuth matte, slimes, residues, and base bullion.	Lb.	MINL 8	YZ	—	—	—	B
68950 Other bismuth and bismuth alloys, wrought or unwrought, and waste and scrap.	Lb.	MINL 8	XYZ	—	—	100	B
68950 Cadmium and cadmium alloys, and scrap...	Lb.	NONF 8	YZ	—	—	—	B
68950 Chromium and chromium alloys, wrought or unwrought, and waste and scrap.	Lb.	MINL 8	Z	—	—	—	B
68950 Cobalt metal waste and scrap.....	Lb.	MINL 6	TVWXYZ	500	100	—	
68950 Cobalt alloy metal waste and scrap, special types only.[1]	Lb.	MINL 6	TVWXYZ	500	100	—	
68950 Cobalt metal powders; and cobalt alloy metal powders, special types only.[1]	Lb.	MINL 6	TVWXYZ	500	100	—	E-7
68950 Other cobalt metal, wrought or unwrought..	Lb.	MINL 6	TVWXYZ	500	500	—	
68950 Other cobalt alloy metal, wrought or unwrought, special types only.[1]	Lb.	MINL 6	TVWXYZ	500	500	—	
68950 Columbium and columbium alloys, unwrought, and waste and scrap.	Lb.	MINL 1	TVWXYZ	500	100	—	A
68950 Columbium metal powders.....	Lb.	MINL 1	TVWXYZ	500	100	—	A E-7
68950 Other columbium and columbium alloys, wrought.	Lb.	MINL 1	TVWXYZ	500	100	—	A E-8
68950 Gallium metal powders.....	Lb.	MINL 2	TVWXYZ	500	—	—	E-7
68950 Gallium metal, alloys, and amalgams, *except electronic grades containing less than 1 percent gallium.*	Lb.	MINL 2	TVWXYZ	500	—	—	E-7
68950 Germanium metal having a resistivity of 50 ohms centimeter or greater.	Lb.	MINL 2	TVWXYZ	500	—	—	E-7
68950 Other germanium metal and alloys.....	Lb.	MINL 8	WXYZ	—	—	100	B
68950 Hafnium metal, and alloys containing more than 15 percent hafnium by weight. (Specify hafnium content.)	Lb.	MINL 1	TVWXYZ	500	—	—	A E-7
68950 Manganese and manganese alloys, wrought or unwrought, *except electrolytic manganese metal.*	Lb.	MINL 8	Z	—	—	—	B
68950 Monocrystalline indium in any form, *except electronic grades containing less than 1 percent of indium.*	Lb.	MINL 1	TVWXYZ	500	—	—	A E-7
68950 Rhenium metal and rhenium metal alloys, wrought or unwrought.	Lb.	MINL 2	TVWXYZ	500	—	—	E-7
68950 Thermo bimetal, thermometal, and thermostatic metal, n.e.c.	Lb.	NONF 4	VWXYZ	—	500	—	E-8
68950 Titanium, sponge waste and scrap.....	Lb.	MINL 1	TVWXYZ	500	100	—	A
68950 Titanium metal powders.....	Lb.	MINL 1	TVWXYZ	500	100	—	A E-7
68950 Other titanium, wrought or unwrought.....	Lb.	MINL 1	TVWXYZ	500	100	—	A E-8
68950 Vanadium metal and vanadium alloys, wrought or unwrought.	Lb.	MINL 8	XYZ	—	—	100	B

[1] For export control purposes, "special types only" of cobalt alloy include alloys containing any of the following: (a) 50 percent or more cobalt; (b) 19 percent or more cobalt and 14 percent or more chromium and less than 1 percent carbon; or (c) 19 percent cobalt and 14 percent or more chromium and 3 percent or more molybdenum.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
68950 Zirconium metal and alloys, unwrought, and waste and scrap, containing more than 50 percent zirconium in which the ratio of hafnium content to zirconium content is less than one part to 500 parts by weight. (See § 399.2, Interpretations 10 and 12.)	Lb.	MINL 1	TVWXYZ	500	100	—	A
68950 Other zirconium metal and alloys, unwrought, and waste and scrap, containing more than 50 percent zirconium. (Specify hafnium content.) (See § 399.2, Interpretations 10 and 12.)	Lb.	MINL 2	TVWXYZ	500	100	—	
68950 Zirconium metal powders, and zirconium alloy metal powders containing more than 50 percent zirconium in which the ratio of hafnium content to zirconium content is less than one part to 500 parts by weight.	Lb.	MINL 1	TVWXYZ	500	25	—	A E–7
68950 Other zirconium alloy metal powders containing more than 50 percent zirconium by weight. (Specify hafnium content.)	Lb.	MINL 2	TVWXYZ	500	25	—	E–7
68950 Zirconium foil (less than .006 of an inch in thickness) containing more than 50 percent zirconium in which the ratio of hafnium content to zirconium content is less than one part to 500 parts by weight. (Specify zirconium and hafnium content.)	Lb.	MINL 1	TVWXYZ	500	—	—	A E–8
68950 Other zirconium, wrought, containing more than 50 percent zirconium in which the ratio of hafnium content to zirconium content is less than one part to 500 parts by weight.	Lb.	MINL 1	TVWXYZ	500	100	—	A E–8
68950 Other zirconium, wrought, containing more than 50 percent zirconium. (Specify by name and hafnium content.)	Lb.	MINL 2	TVWXYZ	500	500	—	E–8
68950 Other zirconium and zirconium alloys, wrought and unwrought, and waste and scrap.	Lb.	MINL 8	YZ	—	—	—	B
68950 Dendritic forms of any semiconductor material, or combinations thereof, suitable for use in diodes or transistors. (See § 399.2, Interpretation 23.)	Lb.	MINL 1	TVWXYZ	500	—	—	A E–8
68950 Other base metals and alloys, and waste and scrap.	Lb.	MINL 8	YZ	—	—	—	B
MANUFACTURES OF METALS, N.E.C.							
69110 Roofing sheets, siding sheets, and perforated sheets, alloy steel, special types Class 1.[1, 2]	Lb.	STEE 3	TVWXYZ	500	100	—	A E–8
69110 Nickel-bearing stainless steel roofing sheets, siding sheets, and perforated sheets, as follows: (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1]	Lb.	STEE 4	TVWXYZ	500	100	—	E–8

[1] Specify recognized designation (AISI, SAE, NE number, etc.), or percentage of each alloying element.
[2] For definition of "special types" of alloy steel, see § 399.2, Interpretations 8 and 9.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
69110 Other iron and steel roofing sheets, siding sheets, and perforated sheets.	Lb.	STEE 8	WXYZ	—	—	100	B
69110 Bridges and structural parts, iron and steel.	.....	STEE 8	WXYZ	—	—	100	B
69110 Portholes specially designed for military watercraft.	.....	CONS 8	WXYZ	—	—	100	B
69110 Steel scaffolding equipment; and fabricated steel plate, including stacks and weldments.	Lb.	STEE 8	YZ	—	—	—	B
69110 Iron and steel structural parts as follows: architectural and ornamental work; anchors and fittings for reinforcing refractory walls; bulkhead (water gates); gangways; sluice gates; guardrails; platforms; port holes not specially designed for military watercraft; prayer rails; loading ramps, non mechanical; and turnstiles, except electric and coin-operated.	.....[1]	FINP 8	YZ	—	—	—	B
69110 Iron and steel structural parts as follows: doors and door and window sash, frames and molding and trim; Accousteel® wall and ceiling pipe (galvanized downspouting); awnings; bead, corner, bonded steel; booths, telephone; cages, animal; construction material, honeycomb (steel); coping; decks, roof; Dur-O-Wal®; flashings, roof, fabricated; Galbestos® construction materials; louvers; marquees; panels; panels, building, insulated; panels, ceiling, acoustical; panels, wall, fabricated; pans, steel (for reinforcing concrete floors); partitions; partitions, toilet stall, complete with doors and other assembly parts; plates, floor or ceiling, hinged; poles, flag; purlins, steel; reglets; ridge rolls, cornice; Robertson® protected metal construction materials; roof, steel (made to specifications as a complete unit); roofing, corrugated steel, asphalt-coated; roofing, iron and steel, with nonmetallic coatings; screen units in metal frames; screens, wire, finished; shapes, roofing; shapes, siding; shutters, window; siding, fabricated; skylights, building; stairs, attic, disappearing; and thresholds.	.....[2]	FINP 8	Z	—	—	—	B
69110 Milking stalls and other farm-type stalls, iron and steel.	.....	AGSU 8	Z	—	—	—	B
69110 Other finished structures and structural parts, n.e.c., iron and steel.	.....[3]	STEE 8	Z	—	—	—	B
69120 Bridges and structural parts, aluminum....	.....	NONF 8	WXYZ	—	—	100	B
69120 Aluminum structural parts as follows: fencing and railing, ornamental; gangways; portholes; prayer rails; scaffolding equipment; tower sections; and turnstiles.	.....[4]	FINP 8	XYZ	—	—	100	B

® Registered in the Patent Office of the United States.
[1] Report architectural and ornamental work in "pound."
[2] Report doors, door and window sash, frames and molding and trim in "pound."
[3] Report fabricated structural iron and steel in "short ton"; prefabricated and portable buildings in "number"; and other sheet metal construction materials, n.e.c., in "pound."
[4] Report ornamental fencing and railing in "pound."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
69120 Other finished structures and structural parts, n.e.c., aluminum.	.....[1]	NONF 8	Z	—	—	—	B
69130 Finished structural parts of zinc.....	Lb.	NONF 8	Z	—	—	—	B
69211 Liquefied gas containers, iron or steel, jacketed only: (a) 250 to 500 gallon capacity, designed for liquid fluorine, or (b) 500 gallon capacity or over, designed for liquid nitrogen, oxygen, hydrogen, ozone, helium, argon, or fluorine, *except 2-shell or 3-shell containers rated for an average evaporation loss of over 5 percent per 24-hour period.*[2, 3]	Lb.	FINP 1	TVWXYZ	500	100	—	A E-8
69211 Other liquefied gas containers, iron or steel, jacketed only: (a) designed to maintain temperatures below minus 130° C. (minus 202° F.), or (b) 500 gallon capacity or over.[2]	Lb.	FINP 4	TVWXYZ	500	500	—	E-8
69211 Septic tanks, iron or steel.....	Lb.	FINP 8	YZ	—	—	—	B
69211 Other steel storage tanks, lined.....	Lb.	STEE 8	WXYZ	—	—	100	B
69211 Other containers for storage and manufacturing use, iron or steel.	Lb.	STEE 8	Z	—	—	—	B
69212 Liquefied gas containers, copper, jacketed only: (a) 250 to 500 gallon capacity, designed for liquid fluorine, or (b) 500 gallon capacity or over, designed for liquid nitrogen, oxygen, hydrogen, ozone, helium, argon, or fluorine, *except 2-shell or 3-shell containers rated for an average evaporation loss of over 5 percent per 24-hour period.*[2, 3]	Lb.	FINP 1	TVWXYZ	500	100	—	A E-8
69212 Other liquefied gas containers, copper, jacketed only: (a) designed to maintain temperatures below minus 130° C. (minus 202° F.), or (b) 500 gallon capacity or over.[2]	Lb.	FINP 4	TVWXYZ	500	500	—	E-8
69212 Septic tanks of copper, lined or unlined....	Lb.	FINP 8	XYZ	—	—	100	B
69212 Gas storage containers, copper.....	Lb.	NONF 8	WXYZ	—	—	100	B
69212 Storage bins of copper.....	Lb.	NONF 8	Z	—	—	—	B
69212 Other containers for storage and manufacturing use, lined or unlined, copper.	Lb.	NONF 8	XYZ	—	—	100	B
69213 Liquefied gas containers, aluminum, jacketed only, (a) 250 to 500 gallon capacity, designed for liquid fluorine, or (b) 500 gallon capacity or over, designed for liquid nitrogen, oxygen, hydrogen, ozone, helium, argon, or fluorine, *except 2-shell or 3-shell containers rated for an average evaporation loss of over 5 percent per 24-hour period.*[2, 3]	Lb.	FINP 1	TVWXYZ	500	100	—	A E-8

[1] Report prefabricated and portable buildings in "number"; and report doors, door and window sash, frames, molding and trim and other architectural and ornamental work and sheet metal construction materials, n.e.c., in "pound."

[2] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.

[3] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
69213 Other liquefied gas containers, aluminum, jacketed only, (a) designed to maintain temperatures below minus 130° C. (minus 202° F.), or (b) 500 gallon capacity or over.[1]	Lb.	FINP 4	TVWXYZ	500	500	—	E-8
69213 Septic tanks, lined or unlined, of aluminum..	Lb.	FINP 8	YZ	—	—	—	B
69213 Other containers for storage and manufacturing use, lined or unlined, aluminum.	Lb.	NONF 8	WXYZ	—	—	100	B
69221 Liquefied gas containers, iron or steel, jacketed only, (a) 250 to 500 gallon capacity, designed for liquid fluorine, or (b) 500 gallon capacity or over, designed for liquid nitrogen, oxygen, hydrogen, ozone, helium, argon, or fluorine, *except 2-shell or 3-shell containers rated for an average evaporation loss of over 5 percent per 24-hour period.*[1, 2]	Lb.	FINP 1	TVWXYZ	500	100	—	A E-8
69221 Other liquefied gas containers, iron or steel, jacketed only, (a) designed to maintain temperatures below minus 130° C. (minus 202° F.), or (b) 500 gallon capacity or over.[1]	Lb.	FINP 4	TVWXYZ	500	500	—	E-8
69221 Other gas shipping containers, iron or steel, filled or unfilled.	Lb.	STEE 8	WXYZ	—	—	100	B
69221 Film cans (photographic), iron or steel....	Lb.	FINP 8	XYZ	—	—	100	B
69221 Milk cans, and other cans used for transport of goods, iron or steel.	Lb.	STEE 8	Z	—	—	—	B
69221 Other shipping containers, iron or steel....	Lb.	STEE 8	XYZ	—	—	100	B
69222 Milk cans, and other cans used for transport of goods, aluminum.	Lb.	NONF 8	Z	—	—	—	B
69222 Other shipping containers, aluminum.....	Lb.	NONF 8	XYZ	—	—	100	B
69222 Liquefied gas containers, aluminum, jacketed only, (a) 250 to 500 gallon capacity, designed for liquid fluorine, or (b) 500 gallon capacity or over, designed for liquid nitrogen, oxygen, hydrogen, ozone, helium, argon, or fluorine, *except 2-shell or 3-shell containers rated for an average evaporation loss of over 5 percent per 24-hour period.*[1, 2]	Lb.	FINP 1	TVWXYZ	500	100	—	A E-8
69222 Other liquefied gas containers, aluminum, jacketed only, (a) designed to maintain temperatures below minus 130° C. (minus 202° F.), or (b) 500 gallon capacity or over.[1]	Lb.	FINP 4	TVWXYZ	500	500	—	E-8
69222 Other gas shipping containers, aluminum, filled or unfilled.	Lb.	NONF 8	WXYZ	—	—	100	B
69222 Film cans (photographic), aluminum; and aluminum collapsible tubes.	Lb.	NONF 8	XYZ	—	—	100	B
69222 Other casks, drums, barrels, cans, and shipping containers, aluminum, filled or unfilled.	Lb.	FINP 8	XYZ	—	—	100	B

[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.
[2] Average evaporation loss is to be calculated on a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
69231 Liquefied gas cylinders, filled or unfilled, iron or steel, jacketed only, (a) 250 to 500 gallon capacity, designed for liquid fluorine, or (b) 500 gallon capacity or over, designed for liquid nitrogen, oxygen, hydrogen, ozone, helium, argon, or fluorine, *except 2-shell or 3-shell containers rated for an average evaporation loss of over 5 percent per 24-hour period.*[1, 2]	Lb	FINP 1	TVWXYZ	500	100	—	A E-8
69231 Other liquefied gas cylinders, filled or unfilled, iron or steel, jacketed only, (a)designed to maintain temperatures below minus 130° C. (minus 202° F.), or (b) 500 gallon capacity or over.[1]	Lb.	FINP 4	TVWXYZ	500	500	—	E-8
69231 Other compressed gas cylinders, filled or unfilled, of iron or steel.	Lb.	STEE 8	WXYZ	—	—	100	B
69232 Liquefied gas cylinders, filled or unfilled, aluminum, jacketed only, (a) 250 to 500 gallon capacity designed for the handling of liquid fluorine, or (b) 500 gallon capacity or over, designed for liquid nitrogen, oxygen, hydrogen, ozone, helium, argon, or fluorine, *except 2-shell or 3-shell containers rated for an average evaporation loss or over 5 percent per 24-hour period.*[1, 2]	Lb.	FINP 1	TVWXYZ	500	100	—	A E-8
69232 Other liquefied gas cylinders, filled or unfilled, aluminum, jacketed only, (a) designed to maintain temperatures below minus 130° C. (minus 202° F.), or (b) 500 gallon capacity or over.[1]	Lb.	FINP 4	TVWXYZ	500	500	—	E-8
69232 Other compressed gas cylinders of aluminum.	Lb.	FINP 8	WXYZ	—	—	100	B
69299 Shipping containers which are instruments of international trade, filled or unfilled, all metals, for liquefied gas, jacketed only, (a) 250 to 500 gallon capacity, designed for liquid fluorine, or (b) 500 gallon capacity or over, designed for liquid nitrogen, oxygen, hydrogen, ozone, helium, argon, or fluorine, *except 2-shell or 3-shell containers rated for an average evaporation loss of over 5 percent per 24-hour period.*[1, 2]	.....	FINP 1	TVWXYZ	500	100	—	A E-8
69299 Other shipping containers which are instruments of international trade, filled or unfilled, all metals, for liquefied gas, jacketed only, (a) designed to maintain temperatures below minus 130° C. (minus 202° F.), or (b) 500 gallon capacity or over.[1]	.....	FINP 4	TVWXYZ	500	500	—	E-8
69299 Other shipping containers which are instruments of international trade, filled or unfilled, of all metals.	.....	STEE 8	Z	—	—	—	B

[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.
[2] Average evaporation loss is to be calculated on a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
69311 Wire cable, rope, strand, and cord made of stainless steel, special types Class 2.[1]	Lb.	STEE 8	WXYZ	—	—	100	B
69311 Other wire cable, rope, plaited bands, slings, and similar articles, iron and steel.	Lb.	STEE 8	XYZ	—	—	100	B
69312 Wire cable, rope, strand, and cord, phosphor bronze.	Lb.	NONF 2	TVWXYZ	500	100	—	E-8
69312 Other wire cable, rope, plaited bands, slings, and similar articles, copper.	Lb.	NONF 8	WXYZ	—	—	100	B
69313 Wire cable, rope, plaited bands, slings, and similar articles, aluminum, having (1) an average copper content of 1 percent or more irrespective of other elements; or (2) an average copper content of less than 1 percent and (a) a zinc content of 4 percent or more, (b) a silicon content of 3.5 percent or more, or (c) a magnesium content of 9.5 percent or more.	Lb.	NONF 8	WXYZ	—	—	100	B
69313 Other wire cable, rope, plaited bands, slings, and similar articles, aluminum.	Lb.	NONF 8	YZ	—	—	—	B
69320 Barbed wire, iron or steel.....	Lb.	STEE 8	YZ	—	—	—	B
69320 Other wire of iron or steel, of types used for fencing.	Lb.	STEE 8	XYZ	—	—	100	B
69331 Wire fencing, netting, and welded or woven wire reinforcing fabric, iron or steel.	Sq. ft.[2]	STEE 8	Z	—	—	—	B
69331 Fence gates, wire cloth, and other woven wire products of iron and steel.	Sq. ft.[3]	STEE 8	Z	—	—	—	B
69332 Fencing and netting, copper and copper-base alloy.	Lb.	NONF 8	Z	—	—	—	B
69332 Wire cloth, copper.....	Sq. ft.	NONF 8	XYZ	—	—	100	B
69332 Wire cloth, copper-base alloy; and other copper and copper-base alloy woven wire products.	Sq ft.[4]	NONF 8	YZ	—	—	—	B
69333 Screen cloth of wire of aluminum.....	Sq. ft.	NONF 8	YZ	—	—	—	B
69333 Other woven wire products, aluminum.....	Sq. ft.[4]	FINP 8	Z	—	—	—	B
69340 Expanded metal of iron, steel, copper or aluminum.	Lb.	FINP 8	Z	—	—	—	B
69411 Nails, staples, spikes, tacks, including thumbtacks, and similar articles of iron or steel.	Lb.	FINP 8	Z	—	—	—	B
69412 Nails, tacks, staples, spikes, and similar articles of copper, *excluding boat spikes; wire nails, staples, or spikes.*	Lb.	FINP 8	Z	—	—	—	B
69412 Boat spikes of copper; and wire nails, staples, and spikes of copper.	Lb.	FINP 8	XYZ	—	—	100	B
69421 Bolts, threaded rods and studs, nuts, screws, rivets, washers, and similar articles, iron or steel.	Lb.	STEE 8	Z	—	—	—	B
69422 Bolts, nuts, screws, rivets, washers, and similar articles of copper.	Lb.	FINP 8	YZ	—	—	—	B

[1] For definition of "special types" of alloy steel, see § 399.2, Interpretations 8 and 9.
[2] Report wire fencing and netting in "pound."
[3] Report fence gates in "pound."
[4] Report fencing and fence gates in "pound."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
69510 Bars, digging; cant hooks; cultivators, wheel type; mattocks; mattocks, pick; poles, pike; seeders, wheel type; spuds, digging; and trowels, gardeners'.	.....	FINP 8	YZ	—	—	—	B
69510 Other hand tools of a kind mainly used in agriculture or forestry.	.....	FINP 8	Z	—	—	—	B
69521 Circular saw blades, steel band pit, drag, and mill saw blades, wood working.	No.	FINP 8	XYZ	—	—	100	B
69521 Hacksaw blades, hand or power	No.	TOOL 8	XYZ	—	—	100	B
69521 Power saw blades, metal working, n.e.c., *excluding hack-saw blades.*	No.	TOOL 8	WXYZ	—	—	100	B
69521 Other saws, saw blanks and parts	.....	FINP 8	YZ	—	—	—	B
69522 File blanks	Doz.	FINP 8	XYZ	—	—	100	B
69522 Tweezers; paper perforators; and staple removers.	.....	FINP 8	Z	—	—	—	B
69522 Other pliers, pincers and similar hand tools; metal cutting shears and tinmen's snips; wrenches; and files, rasps and file accessories.	.....[1]	FINP 8	YZ	—	—	—	B
69523 Diamond dressers	.....	FINP 8	WXYZ	—	—	100	B
69523 Other tools incorporating industrial diamonds; diestocks; pipe threading tools, not power-operated; tapping tools, not power-operated; tap guides, magnetic; filing blocks, nonferrous metal; and shoe lasts.	.....	FINP 8	XYZ	—	—	100	B
69523 Kitchen tools; and edge tools, *except chisel blanks, chisels, Go-Devils®, metal scrapers, nut splitters, and wedges.*	.....	FINP 8	Z	—	—	—	B
69523 Other hand tools, n.e.c.	.....	FINP 8	YZ	—	—	—	B
69524 Broaching tools specially designed for production of arms, munitions, and implements of war.	No.	TOOL 1	TVWXYZ	500	—	—	A
69524 Broaching tools specially designed for production of jet engine blades and engine discs for nonmilitary types of engines.	No.	TOOL 2	TVWXYZ	500	—	—	
69524 Gun barrel rifling broaches	No.	TOOL 1	TVWXYZ	500	—	—	A
69524 Other surface-broaching tools	No.	TOOL 2	TVWXYZ	500	500	—	
69524 Hollow deep-hole drills	No.	TOOL 2	TVWXYZ	1,000	1,000	—	
69524 Small arms deep-hole drills	No.	TOOL 1	TVWXYZ	500	500	—	A
69524 Parts, n.e.c., specially designed for the following tools: (a) broaching tools specially designed for production of arms, munitions and implements of war, (b) gun barrel rifling broaches, or (c) small arms deep-hole drills. (Specify type and model of tools for which parts are designed.)	.....	TOOL 1	TVWXYZ	500	500	—	A

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[1] Report shears, snips, and wrenches in "number"; and files and rasps in "dozen."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
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69524 Parts, n.e.c., specially designed for the following tools: (a) broaching tools specially designed for production of jet engine blades and engine discs for nonmilitary types of engines, (b) other surface-broaching tools, or (c) hollow deep-hole drills. (Specify type and model of tool for which parts are designed.)	.....	TOOL 2	TVWXYZ	500	500	—	
69524 Other tools and parts for metal-working machines; diamond dies for metalworking machines; diamond boring and turning tools whether or not for metalworking machines; and other tools incorporating industrial diamonds.	.....[1]	TOOL 8	WXYZ	—	—	100	B
69524 Drill bits, core bits, and reamers, containing diamonds.	No.	CONS 8	WXYZ	—	—	100	B
69524 Rotary rock drill bits, including coring bits, having cones or sections which rotate freely and independently of the rotation of the body of the bit.	No.	CONS 2	TVWXYZ	1,000	1,000	—	E-12
69524 Other rotary drill bits, core bits, and reamers, n.e.c.	No.	CONS 8	XYZ	—	—	100	B
69524 Parts, n.e.c., specially designed for rotary rock drill bits, including coring bits, having cones or sections which rotate freely and independently of the rotation of the body of the bit.	.....	CONS 2	TVWXYZ	1,000	1,000	—	E-12
69524 Parts, n.e.c., for rotary drill bits, core bits, and reamers, n.e.c.	.....	CONS 8	XYZ	—	—	100	B
69524 Tool bit and die blanks containing tungsten carbide or molybdenum.	No.	TOOL 8	XYZ	—	—	100	B
69524 Tool bit and die blanks not containing tungsten carbide or molybdenum.	No.	STEE 8	Z	—	—	—	B
69524 Hand-operated tools and parts therefor, as follows: augers; bits; chisels; reamers; single point tools; and woodworking punches.	.....[2]	FINP 8	YZ	—	—	—	B
69524 Other cutting tools, dies, and parts.....	.....[2]	FINP 8	XYZ	—	—	100	B
69525 Machine knives and blades, metal cutting..	No.	TOOL 8	WXYZ	—	—	100	B
69525 Beet knives, cane knives, Maeschaert knives and roller knives for sugar mill machines.	No.	FINP 8	XYZ	—	—	100	B
69525 Other machine knives and blades except metal cutting.	No.	FINP 8	YZ	—	—	—	B
69526 Tool tips, etc., unmounted, of sintered metal carbides.	.....	TOOL 8	XYZ	—	—	100	B
69603 Razors, non-electric, and razor blades; and parts of razors, including blades and heads for electric razors. [Report electric razors in Export Control Commodity No. 72504.]	.....[3]	FINP 8	Z	—	—	—	B
69609 Knife blanks	.....	FINP 8	YZ	—	—	—	B

[1] Report tools in "number."
[2] Report metal cutting tools and dies in "number."
[3] Report razor blades in "thousand," and safety razors in "dozen."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
69609 Table flatware and cutlery and metal parts; and other cutlery, n.e.c., and parts; *except of precious metal or plated with precious metal.* [Report precious metal or plated with precious metal in Export Control Commodity No. 89715; dental, medical, surgical, and veterinary scissors and shears in No. 86171; agricultural or forestry scissors or shears in No. 69510.]	.....	FINP 8	Z	—	—	—	B
69710 Domestic, including hotel, restaurant and similar type, stoves, boilers, cookers, ovens, and space heaters, *excluding electric;* and parts, n.e.c.	.....[1]	FINP 8	Z	—	—	—	B
69721 Domestic utensils and hollow ware of iron or steel, including vitreous-enameled.	Lb.	FINP 8	Z	—	—	—	B
69722 Plumber's brass goods, builders sanitary ware and fittings of copper, stamped and spun cooking and kitchen utensils and hollow ware, including household, domestic, commercial and hospital of copper.	Lb.	FINP 8	Z	—	—	—	B
69723 Domestic, including commercial and hospital, utensils and hollow ware of aluminum.	Lb.	FINP 8	Z	—	—	—	B
69791 Soap pads, iron or steel	Lb.	AGRI 8	Z	—	—	—	B
69791 Steel wool, and other pot scourers and cleaners, iron or steel.	Lb.	FINP 8	YZ	—	—	—	B
69794 Picture frames, mirrors, and indoor ornaments of precious metals.	.....	FINP 8	XYZ	—	—	100	B
69794 Desk sets, pen stands, and paper weights of base metal.	.....	FINP 8	Z	—	—	—	B
69794 Picture frames, mirrors, and other indoor ornaments of base metals other than precious.	.....	FINP 8	YZ	—	—	—	B
69811 Motor vehicle locks; ignition locks; and tire locks.	.....[2]	TRAN 8	XYZ	—	—	100	B
69811 Window locks and safety hasps, nonferrous metal; and key blanks, all metals.	.....	FINP 8	YZ	—	—	—	B
69811 Other locks and locksets.....	.....[2]	FINP 8	Z	—	—	—	B
69812 Hardware and parts of copper base alloy, *except transportation hardware; furniture hardware; builders' hardware; hinges and butts; track for doors; tracks and handles for bathtub enclosures; stair treads; and trolleys for folding doors.*	.....[3]	FINP 8	XYZ	—	—	100	B
69812 Hardware and parts of base metal, as follows: transportation hardware, all metals; furniture beading, nickel-plated steel; edgings, all metals; furniture hardware, stainless steel; builders' hardware, nonferrous metal; hand rails, all metals; and other hardware, stainless steel, *except hinges and butts.*	.....	FINP 8	YZ	—	—	—	B

[1] Report heating and cooking stoves and ranges in "number."
[2] Report padlocks, doorlocks and lock sets in "number."
[3] Report hinges and butts in "dozen pair."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
69812 Other hardware and parts, of base metals.	.....[1]	FINP 8	Z	—	—	—	B
69820 Safes (with or without interior fittings); vault doors; interior equipment for vaults; strong rooms and fittings; strong boxes; and parts, n.e.c.	.....[2]	FINP 8	Z	—	—	—	B
69830 Sprocket and other power transmission chains and parts, iron or steel.	Lb.	GEIQ 8	Z	—	—	—	B
69830 Other chains and parts, iron and steel, n.e.c.	Lb.	FINP 8	YZ	—	—	—	B
69840 Anchors, grapnels, and parts of iron and steel.	Lb.	FINP 8	XYZ	—	—	100	B
69851 Needles for hand sewing, knitting, netting, etc., iron or steel.	M	FINP 8	Z	—	—	—	B
69854 Buckles with die-cut inserts, and belt hooks, all metals; belt fasteners (other than buckles), clasps, grommets, and similar articles of stainless steel.	.....	FINP 8	YZ	—	—	—	B
69854 Belt fasteners, clasps, grommets, and similar articles of metal, *except stainless steel or copper base alloys;* hooks, eyes, eyelets, and buckles, all metals; and pins, hair pins, curling grips of iron or steel.	.....	FINP 8	Z	—	—	—	B
69854 Belt fasteners (other than buckles), clasps, grommets, and similar articles of copper base alloys.	.....	FINP 8	XYZ	—	—	100	B
69861 Coil springs, leaf springs, and leaves for springs, iron or steel, for vehicles.	Lb.	TRAN 8	WXYZ	—	—	100	B
69861 Other wire springs, iron or steel.....	Lb.	FINP 8	XYZ	—	—	100	B
69862 Springs and leaves for springs, copper or copper alloy.	Lb.	FINP 8	WXYZ	—	—	100	B
69962 Other wire springs, copper or copper alloy..	Lb.	FINP 8	XYZ	—	—	100	B
69881 Sprocket and other power transmission chains, copper or copper-alloy.	Lb.	GEIQ 8	XYZ	—	—	100	B
69881 Other chains and parts, copper or copper alloy.	Lb.	FINP 8	XYZ	—	—	100	B
69882 Flexible tubing and piping, iron or steel....	Lb.	FINP 8	YZ	—	—	—	B
69882 Other flexible tubing and piping, *excluding electrical*, base metal.	Lb.	FINP 8	XYZ	—	—	100	B
69885 Crowns and home canning closures, metal...	.....	FINP 8	Z	—	—	—	B
69885 Commercial closures of metal, n.e.c.....	.....	FINP 8	XYZ	—	—	100	B
69886 Name plates, sign plates, etc., of base metal.	.....	FINP 8	Z	—	—	—	B
Welding and soldering rods, wire, tubes, plates, electrodes, and similar products of base metal or of metal carbides, coated or cored with flux material:							
69887 Welding rods and wires, iron and steel, special types Class 1.[3, 4]	Lb.	STEE 3	TVWXYZ	500	500	—	A E-8

[1] Report hinges and butts in "dozen pair."
[2] Report safes in "number."
[3] Specify recognized designation (AISI, SAE, NE number, etc.), or percentage of each alloying element.
[4] For definition of "special types" of alloy steel, see § 399.2, Interpretations 8 and 9.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
69887 Welding rods and wires, iron and steel, as follows: (a) containing 6 percent or more cobalt, (b) AISI type 309-S-Cb-Ta, or (c) containing a total of 35 percent or more of alloying elements.[1]	Lb.	STEE 4	TVWXYZ	1,000	1,000	—	E-8
69887 Other iron and steel welding rods and wires	Lb.	STEE 8	XYZ	—	—	100	B
69887 Cobalt metal welding rods, wires, and electrodes (including brazing rods).	Lb.	MINL 6	TVWXYZ	500	500	—	E-8
69887 Cobalt alloy welding rods, wires, and electrodes (including brazing rods), containing *any* of the following: (a) 50 percent or more cobalt, (b) 19 percent or more cobalt and 14 percent or more chromium and less than 1 percent carbon, or (c) 19 percent or more cobalt and 14 percent or more chromium and 3 percent or more molybdenum.	Lb.	MINL 6	TVWXYZ	500	500	—	E-8
69887 Other cobalt alloy welding rods, wires and electrodes (including brazing rods).	Lb.	MINL 8	WXYZ	—	—	100	B
69887 Columbium and columbium alloy welding rods, wires, and electrodes (including brazing rods).	Lb.	MINL 1	TVWXYZ	500	500	—	A E-8
69887 Magnesium alloy welding rods, wires, and electrodes (including brazing rods) containing 0.4 percent or more zirconium, or 1 percent or more of rare earth metals (cerium misch metal). (Specify by name.)	Lb.	MINL 1	TVWXYZ	500	100	—	A E-8
69887 Molybdenum and molybdenum alloy welding rods, wires, and electrodes (including brazing rods).	Lb.	MINL 3	TVWXYZ	500	500	—	A E-8
69887 Nickel alloy welding rods, wires, and electrodes (including brazing rods) containing 32 percent or more nickel, *excluding those of nickel-copper alloys containing not more than 6 percent of other alloying elements.* (Specify by name with complete metal analysis.)	Lb.	NONF 2	TVWXYZ	500	500	—	E-8
69887 Other nickel and nickel alloy welding rods, wires, and electrodes (including brazing rods).	Lb.	NONF 8	WXYZ	—	—	100	B
69887 Tantalum and tantalum alloy welding rods, wires, and electrodes (including brazing rods).	Lb.	MINL 1	TVWXYZ	500	100	—	A E-8
69887 Zirconium and zirconium alloy welding rods and wires containing more than 50 percent zirconium in which the ratio of hafnium content to zirconium content is less than one part to five hundred parts by weight.	Lb.	MINL 1	TVWXYZ	500	100	—	A E-8
69887 Copper base alloy welding electrodes; copper welding rods; and copperweld electrodes.	Lb.	NONF 8	Z	—	—	—	B
69887 Other welding electrodes, arc, *except carbon.*	Lb.	MINL 8	XYZ	—	—	100	B

[1] Specify recognized designation (AISI, SAE, NE number, etc.), or percentage of each alloying element.

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				T	V	X	
69887 Other welding and soldering rods and wire (including tubes and plates for welding or soldering.)	Lb.	STEE 8	XYZ	—	—	100	B
69891 Electrical steel punchings, grain-oriented, with a thickness of 0.004 inch (0.1 mm.) or less. (Specify thickness in decimal parts of an inch or in millimeters.)	Lb.	STEE 3	TVWXYZ	500	100	—	A E-8
69891 Electrical steel punchings, as follows: (a) with a core loss of 0.45 watts per pound at 13,000 gausses and 50 cycles per second (0.62 watts per pound at 15,000 gausses and 50 cycles per second) or less regardless of thickness, or (b) with a thickness of 0.005 inch up to and including 0.008 inch (0.2 mm.) regardless of core loss characteristics or whether or not grain oriented. (Specify thickness in decimal parts of an inch or in millimeters, and specify core loss in watts per pound at flux density of either 13,000 or 15,000 gausses and at 50 cycles per second.)	Lb.	STEE 4	TVWXYZ	500	100	—	E-8
69891 Other electrical steel punchings.....	Lb.	STEE 8	WXYZ	—	—	100	B
69891 Aircraft landing mats.....	Lb.	STEE 6	TVWXYZ	500	100	—	E-2
69891 Steel storage tanks lined. [Report iron or steel storage tanks with a capacity of 80 gallons or more in Export Control Commodity No. 69211.]	.....	FINP 8	WXYZ	—	—	100	B
69891 Articles of iron and steel: crucibles; and fabricated wire products, *except: cotton bale ties and buckles; grating with wire center; wire nets; and wire rope clamps.*	.....[1]	FINP 8	XYZ	—	—	100	B
69891 Iron or steel cargo hooks; and malleable iron manhole covers.	.....	STEE 8	YZ	—	—	—	B
69891 Gray iron manhole covers, roof drains, and floor drains; and iron or steel pipe saddles, hose swivels, cotton bale ties and buckles, and steel storage tanks, unlined. (Report steel storage tanks with a capacity of 80 gallons or more in Export Control Commodity No. 69211.)	.....[1]	STEE 8	Z	—	—	—	B
69891 Articles of iron or steel, as follows: beaded or mesh bags; bird cages; book ends; bottle carriers, *except wire;* bull rings; calendar pad holders; change carriers; cashiers' cages; ear muff frames; fishing buckets; game traps; gasoline cans; grating with wire center; ink pots; minnow buckets; paperweights; pipe hangers; radiator filling cans; rings; shelving; spectacle cases; stamp racks; street light poles, fabricated, not fitted with electrical parts; sun glass cases; switch boxes and covers; tackle boxes; telephone	.....[1]	FINP 8	Z	—	—	—	B

[1] Report fabricated wire products and venetian blinds in "pound."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
list finders; tote boxes; trunks; venetian blinds and parts, *except venetian screening;* ventilator dampers; ventilator hoods; and ventilators not incorporating a power-driven blower mechanism; wire nets, and wire rope clamps.[1]							
69891 Articles of iron or steel, *except stainless steel:* animal traps; ball bearing swivels; cable clamps; cable thimbles (eye sleeve in splicing cable); can-type dispensers, shipped separately; gongs; guy rope hooks; guy rope clamps; hose hooks; keys for shoe polish cans; mop wringers; mouse traps; rat traps; rodent bating devices; soap dispensers; socket clevises, ball; turnbuckles; and wire rope clamps.	.....	FINP 8	Z	—	—	—	B
69891 Pole line and transmission hardware of iron or steel.	.....	ELME 8	Z	—	—	—	B
69891 Body armor; cutting electrodes, ceramic-covered, for underwater operations; Dempster Dumpster® containers (for use with Dempster Dumpster® hoisting units); gear blanks; oil seals, steel encased (general purpose); and submarine cable protectors.	.....	STEE 8	XYZ	—	—	100	B
69891 Other articles of iron or steel, n.e.c.[1]	.....	FINP 8	YZ	—	—	—	B
69892 Cryogenic containers for shipping or for refrigeration, 500 gallons and under (a) refrigerator types specially designed for use of liquefied gases as a coolant (for example, liquid gas refrigerators) capable of creating or maintaining temperatures below minus 130° C., or (b) other equipment capable of maintaining temperatures of below minus 130° C., and specially fabricated parts, subassemblies, and accessories, n.e.c.	.....	FINP 7	TVWXYZ	500	—	—	A
69892 Copper castings and forgings	Lb.	NONF 8	WXYZ	—	—	100	B
69892 Copper and copper-base alloy perforated plates and perforated sheets.	.....	NONF 8	WXYZ	—	—	100	B
69892 Articles of copper or copper alloy, *the following only:* bulletin boards, bookends, tool boxes empty, tote, twine, utility boxes, animal and bird cages, money change carriers, needle cases, hinge chaplets, tool chests empty, crucibles, paper drinking cup dispensers, ear muff frames, mouth protectors, reels, bull rings, shade screenings fabricated from perforated sheets, siphons, and spools.	.....	FINP 8	XYZ	—	—	100	B
69892 Other articles of copper or copper alloy, n.e.c.	.....	NONF 8	XYZ	—	—	100	B

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[1] Submarine and torpedo nets require export authorization from the U. S. Department of State. See paragraph 370.5(a).

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				T	V	X	
69899 Liquefied gas containers of nonferrous base metals, n.e.c., jacketed only, (a) 250 to 500 gallon capacity, designed for liquid fluorine, or (b) 500 gallon capacity or over, designed for liquid nitrogen, oxygen, hydrogen, ozone, helium, argon, or fluorine, *except 2-shell or 3-shell containers rated for an average evaporation loss of over 5 percent per 24-hour period.*[1, 2]	.....	FINP 1	TVWXYZ	500	100	—	A E-8
69899 Other liquefied gas containers of nonferrous base metals, n.e.c., jacketed only, (a) designed to maintain temperatures below minus 130° C. (minus 202° F.), or (b) 500 gallon capacity or over.[1]	.....	FINP 4	TVWXYZ	500	500	—	E-3
69899 Other gas shipping and storage containers..	.....	STEE 8	WXYZ	—	—	100	B
69899 Castings and forgings of aluminum alloy which have (a) an average copper content of 1 percent or more irrespective of other elements, or (b) an average copper content of less than 1 percent *and* (i) a zinc content of 4 percent or more, (ii) a silicon content of 3.5 percent or more, or (iii) a magnesium content of 9.5 percent or more.	Lb.	NONF 8	WXYZ	—	—	100	B
69899 Castings and forgings of other aluminum and aluminum alloy.	Lb.	NONF 8	XYZ	—	—	100	B
69899 Castings and forgings of antimony and antimony alloy.	Lb.	MINL 8	Z	—	—	—	B
69899 Beryllium and beryllium alloy castings and forgings containing more than 50 percent beryllium. (Specify by name.)	Lb.	MINL 1	TVWXYZ	500	500	—	A
69899 Other beryllium alloy castings and forgings.	Lb.	MINL 8	XYZ	—	—	100	B
69899 Bismuth and bismuth alloy castings and forgings.	Lb.	MINL 8	XYZ	—	—	100	B
69899 Boron metal and boron alloy castings and forgings containing 5 percent or more boron.	Lb.	MINL 1	TVWXYZ	500	100	—	A E-7
69899 Cadmium and cadmium alloy castings and forgings.	Lb.	NONF 8	YZ	—	—	—	B
69899 Calcium metal castings and forgings containing less than one hundredth (0.01) percent by weight of impurities other than magnesium *and* less than 10 parts per million of boron.	Lb.	MINL 1	TVWXYZ	500	—	—	A E-7
69899 Chromium and chromium alloy castings and forgings.	Lb.	MINL 8	Z	—	—	—	B
69899 Cobalt metal castings and forgings; and cobalt alloy castings and forgings containing *any* of the following: (a) 50 percent or more cobalt, (b) 19 percent or more cobalt and 14 percent or more chromium or less than 1 percent carbon, or (c) 19 percent or more cobalt and 14 percent or more chromium and 3 percent or more molybdenum. (Specify by name.)	Lb.	MINL 6	TVWXYZ	500	100	—	

[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.
[2] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

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69899 Other cobalt alloy castings and forgings....	Lb.	MINL 8	WXYZ	—	—	100	B
69899 Columbium and columbium alloy castings and forgings. (Specify by name.)	Lb.	MINL 1	TVWXYZ	500	100	—	A E-8
69899 Gallium and gallium alloy castings and forgings, *except of electronic grades containing less than 1 percent gallium.*	Lb.	MINL 2	TVWXYZ	500	—	—	E-7
69899 Germanium metal castings and forgings having a resistivity of 50 ohms centimeter or greater.	Lb.	MINL 2	TVWXYZ	500	—	—	E-7
69899 Other germanium metal castings and forgings.	Lb.	MINL 8	WXYZ	—	—	100	B
69899 Hafnium metal and hafnium alloy castings and forgings containing more than 15 percent hafnium by weight. (Specify hafnium content.)	Lb.	MINL 1	TVWXYZ	500	—	—	A E-7
69899 Lead and lead alloy castings and forgings..	Lb.	NONF 8	Z	—	—	—	B
69899 Lithium and lithium alloy castings and forgings.	Lb.	MINL 1	TVWXYZ	500	—	—	A E-7
69899 Magnesium alloy castings and forgings containing 0.4 percent or more zirconium, or 1 percent or more of rare earth metals (cerium misch metal). (Specify by name.)	Lb.	MINL 1	TVWXYZ	500	100	—	A E-8
69899 Manganese and manganese alloy castings and forgings.	Lb.	MINL 8	Z	—	—	—	B
69899 Molybdenum and molybdenum alloy castings and forgings. (Specify by name.)	Lb.	MINL 3	TVWXYZ	500	100	—	A E-8
69899 Nickel alloy castings and forgings containing 32 percent or more nickel, *except nickel-copper alloys containing not more than 6 percent of other alloying elements.* (Specify by name with complete metal analysis.)	Lb.	NONF 6	TVWXYZ	500	100	—	E-8
69899 Other nickel and nickel alloy castings and forgings.	Lb.	NONF 8	WXYZ	—	—	100	B
69899 Polonium metal castings and forgings.....	Lb.	MINL 2	TVWXYZ	500	—	—	E-7
69899 Rhenium and rhenium alloy castings and forgings.	Lb.	MINL 2	TVWXYZ	500	—	—	E-7
69899 Tin and tin alloy castings and forgings....	Lb.	NONF 8	Z	—	—	—	B
69899 Tantalum and tantalum alloy castings and forgings. (Specify by name.)	Lb.	MINL 1	TVWXYZ	500	100	—	A E-8
69899 Titanium and titanium alloy castings and forgings. (Specify by name.)	Lb.	MINL 1	TVWXYZ	500	100	—	A E-8
69899 Tungsten and tungsten alloy castings and forgings, *except pressed-sintered forms weighing less than 20 pounds.*	Lb.	MINL 1	TVWXYZ	500	100	—	A E-8
69899 Vanadium and vanadium alloy castings and forgings.	Lb.	MINL 8	XYZ	—	—	100	B
69899 Yttrium and yttrium alloy castings and forgings.	Lb.	MINL 2	TVWXYZ	500	—	—	E-7
69899 Zinc and zinc alloy castings and forgings..	Lb.	NONF 8	Z	—	—	—	B

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
69899 Zirconium and zirconium alloy castings and forgings containing more than 50 percent zirconium in which the ratio of hafnium content to zirconium content is less than one part to 500 parts by weight.	Lb.	MINL 1	TVWXYZ	500	100	—	A E-8
69899 Other zirconium castings and forgings containing more than 50 percent zirconium. (Specify by name and specify hafnium content.)	Lb.	MINL 2	TVWXYZ	500	500	—	E-8
69899 Other nonferrous metal castings and forgings, except copper and copper base alloy. [Report copper and copper base alloy castings and forgings in Export Control Commodity No. 69892.]	Lb.	MINL 8	YZ	—	—	—	B
69899 Other articles wholly made of zirconium or zirconium alloys containing more than 50 percent zirconium in which the ratio of hafnium content to zirconium content is less than one part to 500 parts by weight. (Specify hafnium content.)	Lb.	FINP 3	TVWXYZ	500	—	—	A
69899 Other articles wholly made of zirconium or zirconium alloys. (Specify zirconium and hafnium content.)	Lb.	FINP 4	TVWXYZ	500	—	—	E-8
69899 Aluminum venetian blinds, and parts, n.e.c.	Lb.	NONF 8	YZ	—	—	—	B
69899 Beryllium articles wholly made of beryllium.	Lb.	FINP 3	TVWXYZ	500	—	—	A
69899 Thermoelectric materials with a maximum product of the figure of merit (Z) and the temperature (T in °K) in excess of 0.75.[1]	.....	ELME 5	TVWXYZ	500	—	—	A
69899 Metal cans, made or cut from nonferrous base metals.	.....	TNPL 8	YZ	—	—	—	B
69899 Articles of nonferrous base metals, n.e.c., *the following only:* lead collapsible tubes; tin collapsible tubes; and Tenaplate.®	.....	NONF 8	YZ	—	—	—	B
69899 Boat spikes, wire nails, wire staples, and wire spikes of nonferrous metals.	Lb.	FINP 8	XYZ	—	—	100	B
69899 Other spikes, nails, staples, tacks, and similar articles of nonferrous metals.	Lb.	FINP 8	Z	—	—	—	B
69899 Wire mesh, all types, including electroformed, containing 95 percent or more nickel, with 60 or more wires per linear centimeter or the equivalent thereof. [Report wire mesh, welded or woven, in Export Control Commodity No. 69331.]	Lb.	FINP 4	TVWXYZ	500	100	—	E-8
69899 Materials specially designed and manufactured for use as absorbers of electromagnetic waves having frequencies in excess of 200 megacycles per second.	.....	ELME 1	TVWXYZ	500	—	—	A
69899 Bolts, nuts, screws, rivets, washers and similar articles of nonferrous metals, other than copper or copper alloys, *except screw eyes and screw hooks.*	Lb.	FINP 8	YZ	—	—	—	B

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[1] The figure of merit (Z) equals Seebeck coefficient squared, divided by the product of electrical resistivity and thermal conductivity.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
69899 Articles of nonferrous base metals, other than copper or copper alloys, *the following only:* bookends; boxes, tool, empty; boxes, utility; brackets for mounting outboard motors; cages, animal; cages, bird; carriers, bottle; carriers, change; chaplets, hinge; chests, tool, empty; oarlocks; hangers, pipe; horns, fog, for ships, *except electric;* lids for boxes; reels, clothes-line (dryer); rings, bull; spouts, can tops; stripping, weather; swivels, mooring; tins, ointment; and tubes, collapsible.	.....	FINP 8	YZ	—	—	—	B
69899 Domestic utensils of tin, tinplate and pewter, including cookware and hollow ware; nails, tacks, staples, spikes and similar articles of nonferrous base metals, other than copper or copper alloys, *except boat spikes, wire nails; wire staples; and wire spikes;* screw eyes; screw hooks; and wire inserts, helically coiled.	Lb.	FINP 8	Z	—	—	—	B
69899 Articles of nonferrous base metals, other than copper or copper alloys, *the following only:* bells, animal; bells, call; bells, desk; boxes, fly; boxes, match, tin, plain or painted; boxes, tackle; cans, gasoline; cans, radiator filling; catches, *except builders and for firearms;* chains, bicycle; clamps, guy wire; clamps, wire rope; clevises, socket, ball; dispensers, liquid soap; edging, lawn; keys for shoe polish cans; shackles; suitcases; swivels, ballbearing; traps, animal; traps, rat; turnbuckles; and wringers, mop.	.....	FINP 8	Z	—	—	—	B
69899 Venetian blinds, and parts, n.e.c.; and aluminum screen cloth.	Lb.	NONF 8	Z	—	—	—	B
69899 Other articles of nonferrous base metals, n.e.c.	.....[1]	NONF 8	XYZ	—	—	100	B
SECTION 7—MACHINERY AND TRANSPORT EQUIPMENT							
MACHINERY, OTHER THAN ELECTRIC							
71110 Water tube boilers, marine type, designed to have either of the following characteristics: (a) heat release rate (at maximum rating) equal to or in excess of 180,000 B.T.U. per cu. ft. of furnace volume, or (b) ratio of steam generated in pounds per hour (at maximum rating) to the dry weight of the boiler in pounds equal to or in excess of 0.83, and specially designed parts. (Specify characteristics.) [2]	.....	CONS 1	TVWXYZ	500	—	—	A

[1] Report wire products in "pound."
[2] For export control purposes "furnace volume" is the volume of the combustion chamber formed by refractory or tubular walls and floor, i.e., the inside dimension of the chamber; and "dry weight of the boiler" is the total weight of the boiler (excluding the air heaters) less the water required for steaming.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71110 Other water tube boilers, marine type, designed to operate at temperatures above 850 degrees F. and specially designed parts. (Specify designed operating temperature.)	.....[1]	CONS 2	TVWXYZ	500	—	—	
71110 Boiler tubes	.....	CONS 8	Z	—	—	—	B
71110 Fire tube and other water tube boilers, n.e.c. and parts, n.e.c.	.....[1]	CONS 8	XYZ	—	—	100	B
71120 Boiler superheaters, feedwater heaters, and economizers for marine steam boilers designed to have either of the following characteristics: (a) heat release rate (at maximum rating) equal to or in excess of 180,000 B.T.U. per hour per cu. ft. of furnace volume, or (b) ratio of steam generated in pounds per hour (at maximum rating) to the dry weight of the boiler in pounds equal to or in excess of 0.83, and specially designed parts and accessories.[2] (Specify characteristics.)	.....	CONS 1	TVWXYZ	500	500	—	A
71120 Boiler superheaters, feedwater heaters, and economizers, for other marine steam boilers designed to operate at temperatures above 850° F., and specially designed parts and accessories.	.....	CONS 2	TVWXYZ	500	500	—	
71120 Heat exchangers and heat-exchanger type condensers specially designed for nuclear reactors; and specially designed parts and accessories, n.e.c.	.....[3]	CONS 1	TVWXYZ	500	—	—	A
71120 Heat exchangers and heat-exchanger type condensers, tubular, designed for use in steam power generation and to operate at pressures of 300 psi and over *and* with all flow contact surfaces made of *any* of the following materials: aluminum, nickel, titanium, zirconium, or alloys containing 60 percent or more nickel, either separately or combined (specify pressure and type of metal); and specially designed parts.	.....[3]	CONS 2	TVWXYZ	500	100	—	
71120 Condenser tubes	.....	CONS 8	Z	—	—	—	B
71120 Other steam generating power boiler accessories, n.e.c., and parts, n.e.c.	.....[3]	CONS 8	XYZ	—	—	100	B
71130 Steam turbines designed for turbogenerators 200,000 kilowatts and over; and parts and accessories, n.e.c.	.....	CONS 2	VWXYZ	—	100	—	
71130 Steam turbines designed for turbogenerators 60,000 kilowatts up to but not including 200,000 kilowatts; and parts and accessories, n.e.c.	.....	CONS 8	WXYZ	—	100	—	B
71130 Other steam turbines and engines, n.e.c., and parts and accessories, n.e.c.	.....	CONS 8	XYZ	—	—	100	B
71141 Internal combustion aircraft engines, new or used. (Specify make, model, and horsepower.)	No.	TRAN 2	TVWXYZ	500	500	—	E-2

[1] Report complete units of fire tube power boilers in "No."
[2] For export control purposes "furnace volume" is the volume of the combustion chamber formed by refractory or tubular walls and floor, i.e., the inside dimension of the chamber; and "dry weight of the boiler" is the total weight of the boiler (excluding the air heaters) less the water required for steaming.
[3] Report heat exchangers in "No."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71141 Parts, n.e.c., specially fabricated for internal combustion aircraft engines *and* wholly made of fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.)	.....	TRAN 1	TVWXYZ	500	25	—	A
71141 Other parts and accessories, n.e.c., specially designed for aircraft internal combustion engines.	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
71142 Jet turbines, *except prop jets*, for aircraft, new or used, 9,000 pounds thrust and over. (Specify make, model, and pounds thrust.) [1]	No.	TRAN 1	TVWXYZ	500	—	—	A
71142 Jet turbines, *except prop jets*, for aircraft, new or used, under 9,000 pounds thrust. (Specify make, model, and pounds thrust.) [1]	No.	TRAN 2	TVWXYZ	500	—	—	E-2
71142 Gas turbines, including prop jets, for aircraft, new or used. (Specify make, model, and shaft horsepower.)	No.	TRAN 2	TVWXYZ	500	—	—	E-2
71142 Parts, n.e.c., specially fabricated for jet and gas turbines for aircraft *and* wholly made of fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.)	.....	TRAN 1	TVWXYZ	500	25	—	A
71142 Parts and accessories, n.e.c., specially designed for aircraft jet turbines of 9,000 pounds thrust and over. (Specify make, model, and pounds thrust of turbine.)	.....	TRAN 1	TVWXYZ	500	500	—	A
71142 Other parts, n.e.c., specially designed for aircraft gas turbines; and jet turbines under 9,000 pounds thrust. (Specify make, model, thrust or horsepower of turbine.)	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
71150 Diesel engines, 50 brake horsepower and over, when the non-magnetic content exceeds 50% of total weight. (Specify brake horsepower at rated r.p.m.)	No.	TRAN 1	TVWXYZ	500	—	—	A
71150 Diesel marine engines, 1,500 brake horsepower and over, with rotary speeds of 700 r.p.m. and over, designed for use on submarines. (Specify brake horsepower at rated r.p.m.)	No.	TRAN 1	TVWXYZ	500	—	—	A
71150 Other diesel engines, 1,500 brake horsepower and over, with rotary speeds of 700 r.p.m. and over. (Specify brake horsepower at rated r.p.m.)	No.	TRAN 2	TVWXYZ	500	—	—	
71150 Parts and accessories specially designed for diesel marine engines, 1,500 brake horsepower and over, with rotary speeds of 700 r.p.m. and over, designed for use on submarines, and diesel engines of 50 brake horsepower and over when the non-magnetic content exceeds 50% of total weight.	.....	TRAN 1	TVWXYZ	500	—	—	A
71150 Parts and accessories specially designed for diesel engines, 1,500 brake horsepower and over with rotary speeds of 700 r.p.m. and over. (Specify make, model, and brake horsepower at rated r.p.m.)	.....	TRAN 2	TVWXYZ	500	—	—	

[1] See paragraph 370.5(a) for commodities which require export authorization from the U.S. Department of State.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71150 Outboard motors, 15 horsepower and under only; and internal combustion engines up to and including 50 horsepower, *except diesel, and except engines for watercraft, automotive vehicles, and aircraft;* and parts and accessories therefor.	.....[1]	TRAN 8	Z	—	—	—	B
71150 Outboard motors over 15 horsepower, and other internal combustion engines, n.e.c., and parts and accessories, n.e.c. [Report internal combustion engines for aircraft in Export Control Commodity No. 71141.]	.....[1]	TRAN 8	XYZ[2]	—	—[2]	100	B
71160 Gas turbines, n.e.c., and parts, n.e.c. [Report gas turbines for aircraft in Export Control Commodity No. 71142.]	.....	TRAN 8	XYZ	—	—	100	B
71170 Parts and accessories, n.e.c., specially fabricated for nuclear reactors. (Specify by name.)[3]	.....	ELME 1	TVWXYZ	500	—	—	A
71181 Parts, n.e.c., specially fabricated for water turbines and water engines 200,000 kilowatts and over. (Specify by name.)	.....	ELME 2	VWXYZ	—	100	—	
71181 Water turbines and water engines, n.e.c., and parts, n.e.c.	.....[4]	CONS 8	XYZ	—	—	100	B
71189 Windmills and parts, n.e.c.	.....	CONS 8	YZ	—	—	—	B
71189 Other engines, n.e.c., and parts, n.e.c.	.....	CONS 8	XYZ	—	—	100	B
71210 Agricultural machines and appliances for preparing, planting and cultivating the soil; and parts and attachments. (Specify type of machine.)	.....[5]	AGSU 8	YZ	—	—	—	B
71220 Mechanical cotton pickers; beet harvesters, 4-row and larger; and field hay wafering or pelletizing machines, and any machines designed for similar operations.	No.	AGSU 8	WYZ	—	—	—	B
71220 Other agricultural machines and appliances for harvesting, cutting, threshing, and sorting. (Specify type of machine.)	No.	AGSU 8	YZ	—	—	—	B
71220 Parts and attachments specially designed for mechanical cotton pickers.	.....	AGSU 8	WYZ	—	—	—	B
71220 Parts and attachments specially designed for other agricultural machines and appliances for harvesting, cutting, threshing, and sorting.	.....	AGSU 8	YZ	—	—	—	B
71230 Milking machines and other farm dairy machines, n.e.c., and parts.	.....	AGSU 8	Z	—	—	—	B
71230 Industrial dairy machines, n.e.c., and parts.	.....[6]	GIEQ 8	Z	—	—	—	B
71250 Wheel tractors, 125 power takeoff horsepower and over.	No.	AGSU 2	VWXYZ	—	—	—	
71250 Wheel tractors, under 125 power takeoff horsepower.	No.	AGSU 8	YZ	—	—	—	B

[1] Report complete engines and motors (assembled or unassembled) in "number."
[2] A validated export license is also required for any exportation to Indonesia of internal combustion engines (including outboard motors over 15 horsepower) and parts and accessories, therefor. In addition a GLV dollar-value limit of $100 is established for the shipment of these commodities to Indonesia.
[3] Export authorization from the U. S. Atomic Energy Commission is required for nuclear reactors (see paragraph 370.5(d)), even when such export is to be made in multiple shipments, or when some of the parts are to be supplied by foreign sources.
[4] Report water turbines and engines (assembled or unassembled) in "number."
[5] Report machines and appliances (assembled or unassembled) in "number."
[6] Report industrial dairy machines (assembled or unassembled) in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71250 Garden tractors, new and used.....	No.	AGSU 8	YZ	—	—	—	B
71250 Military type contractors' off-highway wheel tractors, new and used.[1, 2]	No.	CONS 1	TVWXYZ	500	—	—	A
71250 Non-military type contractors' off-highway wheel tractors, including those used for drawing scrapers and off-highway semi-trailers and trailers, 135 horsepower and over. (Specify as non-military and horsepower.) [2, 3]	No.	CONS 2	VWXYZ	—	—	—	E-11
71250 Non-military type contractors' off-highway wheel tractors, including those used for drawing scrapers and off-highway semi-trailers and trailers under 135 horsepower. (Specify as non-military and horsepower.) [2, 3]	No.	CONS 8	XYZ	—	—	100	B
71250 Military type tracklaying tractors [1].....	No.	CONS 1	TVWXYZ	500	—	—	A
71250 Non-military type tracklaying tractors, 135 horsepower and over. (Specify as non-military and horsepower.) [3]	No.	CONS 2	VWXYZ	—	—	—	E-11
71250 Non-military type tracklaying tractors, under 135 horsepower, new or used. (Specify as non-military and horsepower.) [3]	No.	CONS 8	XYZ	—	—	100	B
71291 Presses and crushers used in making fruit juice, wine, and similar beverages, and parts.	.....	GIEQ 8	Z	—	—	—	B
71299 Poultry equipment and parts, *except incubators and hatchers and parts.*	.....	AGSU 8	Z	—	—	—	B
71299 Agricultural machinery, n.e.c., and parts and attachments.	.....[4]	AGSU 8	YZ	—	—	—	B
Office machines:							
71410 Electric typing devices capable of being connected to and operating over a wire communication circuit.	No.	FINP 8	WXYZ	—	—	100	B
71410 Multitype typewriters (e.g., Varitypers®); and automatic typing devices with punched tape mechanisms (e.g., Justowriters®).	No.	FINP 8	YZ	—	—	—	B
71410 Videotyper	No.	FINP 8	XYZ	—	—	100	B
71410 Other typewriters and checkwriting machines.	No.	FINP 8	Z	—	—	—	B
71420 Electronic computers as follows: (a) analog computers with one or more of the following characteristics: (i) containing a summer with a rated accuracy better than 1 part in 5,000 parts, or a multiplier or arbitrary adjustable function generator with a rated accuracy better than 1 part in 1,000 parts, (ii) containing or capable of incor-	.....	SATE 1	TVWXYZ	500	100	—	A

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[1] Possessing or built to current military specifications differing materially from normal commercial specifications.

[2] Off-highway vehicles are interpreted, for purposes of export control, to be those which, without modification by increase of standard tire size and/or spacing, have an overall width of over 98 inches, as measured from outside to outside of rear tires.

[3] For export control purposes, the horsepower to be used is the horsepower at the flywheel that the basic engine (with fan, water pump and oil pump) is capable of producing at governed speed, corrected to standard conditions of 60° F. and barometer (dry) of 29.92 inches of mercury.

[4] Report incubators in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
porating a total of more than 75 summers, integrators, multipliers or function generators, (iii) incorporating facilities for automatic insertion or alteration of problem set-up, or (iv) incorporating any unit designed to function solely as a memory; (b) analog computers designed or modified for use in airborne vehicles, missiles, or space vehicles and rated for continuous operation at temperatures from below minus 45° C. to above plus 55° C., and equipment or systems incorporating such computers; (c) other analog computers; (d) digital computers using drum or disc type primary memory and possessing: (i) a total rated directly addressable storage capacity in excess of 1,000,000 bits (the same limit defines both the maximum capacity a single storage equipment may possess and the combined capacity where multiple equipments are used), or (ii) a capacity of storage in excess of 250 bits per linear inch (250 bits per 25.4 mm) of single track (this limitation applies to each storage equipment involved); (e) digital differential analyzers (incremental computers), the following: (i) incorporating more than 50 integrators, or (ii) incorporating integrators with an incremental cycle time of less than 1 millisecond (or an iteration rate in excess of 1,000 per second); (f) digital computers and digital differential analyzers (incremental computers) designed or modified for use in airborne vehicles, missiles, or space vehicles and rated for continuous operation at temperatures from below minus 45° C. to above plus 55° C., and equipment or systems incorporating such computers or analyzers; and (g) or other digital computers and differential analyzers (incremental computers). (Specify name and model number and applicable characteristics.)							
71420 Input/output devices, or other peripheral equipment for electronic computers. (Specify by name.)	.....	SATE 1	TVWXYZ	500	500	—	A
71420 Accounting and bookkeeping machines, new; and calculators, new and used.	No.	FINP 8	XYZ	—	—	100	B
71420 Listing-adding machines, new, *except punched-card type;* and accounting and bookkeeping machines, used, *except punched-card type.*	No.	FINP 8	YZ	—	—	—	B

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71420 Listing-adding machines, used; nonlisting adding machines, new and used; pocket adding machines, new and used; mail handling machines, new and used; and cash registers, incorporating a calculating device, new and used. [Report cash registers not incorporating a calculating device in Export Control Commodity No. 71491.]	No.	FINP 8	Z	—	—	--	B
71430 Machines specially designed for use with electronic computers. (Specify by name and model number.)	No.	SATE 1	TVWXYZ	500	100	—	A
71430 Statistical machines used in conjunction with punched cards or tape, including auxiliary machines, *the following only:* billing machines, calculating machines, Flexowriters® for other than computer use, Computypers® and listing-adding machines.	No.	SATE 8	XYZ	—	—	100	B
71430 Other statistical machines used in conjunction with punched cards or tape, including auxiliary machines. (Specify by name.)	No.	FINP 8	XYZ	—	—	100	B
71491 Photo composing machines (for example, Coxheadliners®; Headliners®; and Typros®).	No.	FINP 8	YZ	—	—	—	B
71491 Duplicating machines; and other office machines, n.e.c.	No.	FINP 8	Z	—	—	—	B
71492 Parts and accessories specially designed for electronic computers and auxiliary machines under Export Control Commodity Nos. 71420 and 71430 which are subject to the Import Certificate/Delivery Verification procedure. (Specify name of part and of equipment for which it is designed.)	.....	SATE 1	TVWXYZ	500	500	—	A
71492 Parts and accessories for billing machines, calculating machines, Computypers,® Flexowriters,® and listing-adding machines under Export Control Commodity No. 71430 which are not specially designed for use with computers.	.....	SATE 8	XYZ	—	—	100	B
71492 Parts and accessories specially designed for electric typing devices capable of being connected to and operating over a wire communication circuit.	.....	FINP 8	WXYZ	—	—	100	B
71492 Parts and accessories for the following machines: accounting and bookkeeping machines; calculators, *except punched card types and except pocket types;* Fotolist® machines; Videotypers®; and statistical machines for use in conjunction with punched cards or tape, *except electronic computer auxiliary machines.*	.....	FINP 8	XYZ	—	—	100	B

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Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71492 Parts and accessories for the following machines: multitype typewriters (for example, Varitypers®); automatic typing devices with punched tape mechanisms (for example, Justowriters®); listing-adding machines; and photo composing machines (for example, Coxheadliners®, Headliners®, and Typros®).	.....	FINP 8	YZ	—	—	—	B
71492 Other parts and accessories for other office machines	.....	FINP 8	Z	—	—	—	B
Machine tools for working metals [Report parts in Export Control Commodity No. 71954]:							
71510 Machine tools designed for or equipped with electronic closed loop control systems in which a continuous feedback of information from the actual operation results in continuous correction of control commands, *excluding those control systems designed solely for positioning operations.* (See § 399.2, Interpretation 7.)	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Machine tools designed for or equipped with electronic closed loop control systems designed solely for positioning operations. (See § 399.2, Interpretation 7.)	No.	TOOL 2	TVWXYZ	500	500	—	
71510 Jig boring machines with longitudinal, transverse or vertical table travel exceeding 44 inches.	No.	TOOL 2	TVWXYZ	500	500	—	
71510 Bomb nose and tail boring machines.....	No.	TOOL 1	TVWXYZ	500	—	—	A
71510 Armor plate drilling machines.....	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Hollow drill deep-hole drilling machines.....	No.	TOOL 2	TVWXYZ	500	500	—	
71510 Projectile drilling and facing machines.....	No.	TOOL 1	TVWXYZ	500	—	—	A
71510 Gear-hobbing machines capable of producing gears of diametral pitch finer than 48. (See § 399.2, Interpretation 3.)	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Gear-tooth finishing machines, n.e.c., all types designed for work on gears of finer than 48 diametral pitch. (See § 399.2, Interpretation 3.)	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Gear-tooth grinding machines, capable of grinding gears finer than 48 diametral pitch. (See § 399.2, Interpretation 3.)	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Gear-tooth grinding machines, generating types, with work capacity of 36 inches diameter and over. (See § 399.2, Interpretation 3.)	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Gear cutting machines, n.e.c., capable of producing gears of diametral pitch finer than 48. (See § 399.2, Interpretation 3.)	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Other gear tooth grinding machines and gear cutting machines.	No.	TOOL 8	WXYZ	—	—	100	B
71510 Jet engine rotor grinders.....	No.	TOOL 1	TVWXYZ	500	500	—	A

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Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71510 External cylindrical grinding machines, equipped to grind gas turbine blades or rotors.	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Internal grinding machines incorporating one or more spindle heads capable of speeds in excess of 120,000 r.p.m.	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Internal grinding machines incorporating one or more spindle heads capable of speeds from 80,000 r.p.m. up to and including 120,000 r.p.m.	No.	TOOL 2	TVWXYZ	500	500	—	
71510 Grinding machines for broaching tools, automatic cycle, automatic sizing.	No.	TOOL 2	TVWXYZ	500	500	—	
71510 Honing machines, vertical or horizontal, of 6 ft. stroke or more.	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Jig grinding machines with longitudinal, transverse or vertical travel exceeding 44 inches.	No.	TOOL 2	TVWXYZ	500	500	—	
71510 Tank turret bearing grinding machines....	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Bomb copy boring lathes.....	No.	TOOL 1	TVWXYZ	500	—	—	A
71510 Bomb spinning lathes.....	No.	TOOL 1	TVWXYZ	500	—	—	A
71510 Cartridge-case lathes	No.	TOOL 1	TVWXYZ	500	—	—	A
71510 Cartridge case mouth boring lathes.....	No.	TOOL 1	TVWXYZ	500	—	—	A
71510 Gun barrel trepanning lathes.....	No.	TOOL 1	TVWXYZ	500	—	—	A
71510 Gun-boring lathes	No.	TOOL 1	TVWXYZ	500	—	—	A
71510 Gun jump screw lathes.....	No.	TOOL 1	TVWXYZ	500	—	—	A
71510 Shell lathes	No.	TOOL 1	TVWXYZ	500	—	—	A
71510 Other artillery and ammunition lathes, n.e.c.	No.	TOOL 1	TVWXYZ	500	—	—	A
71510 Combination lathe, drilling and milling machines, specially designed for mobile military workshops or for naval craft.	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Jet engine compressor case boring lathes...	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Jet engine compressor and turbine disc turning lathes.	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Right angle (T) lathes (in which the bed is at right angles to the spindle).	No.	TOOL 2	TVWXYZ	500	500	—	
71510 Automatic vertical boring and turning mills (including vertical turret lathes), cycle type.	No.	TOOL 2	VWXYZ	—	500	—	
71510 Aircraft skin milling machines.....	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Spar millers	No.	TOOL 2	TVWXYZ	500	500	—	
71510 Turbine blade profiling and duplicating milling machines.	No.	TOOL 2	TVWXYZ	500	—	—	
71510 Turbine blade milling machines, n.e.c.....	No.	TOOL 2	TVWXYZ	500	—	—	
71510 Accelerated lead rifle broaching machines and other rifling and rifle-working machines.	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Machines specially designed for making gas turbine blades.	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Armor plate planers.....	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Contour band sawing and band filing machines designed to permit operator to select rate of cutting speed and to vary such speed while in operation, and to maintain at all times the desired rate of speed with a variation of less than 2 percent.	No.	TOOL 2	VWXYZ	—	500	—	

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71510 Shell tappers	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Portable pneumatic drill machines capable of tapping steel line pipe of a size greater than 19 inches o.d., without interruption of flow.	No.	TOOL 2	VWXYZ	—	—	—	
71510 Metal-cutting machine tools, n.e.c., specially designed for the manufacture of arms, munitions, and implements of war.[1]	No.	TOOL 1	TVWXYZ	500	—	—	A
71510 Metal-polishing and buffing machines, manually operated bench and floor types.	No.	TOOL 8	Z	—	—	—	B
71510 Single-spindle automatic chucking lathes and single spindle between-center lathes.	No.	TOOL 8	XYZ	—	—	100	B
71510 Other metal-cutting machines, n.e.c.	No.	TOOL 8	WXYZ	—	—	100	B
71510 Machine tools specially designed for the manufacture of arms, munitions, and implements of war.[1] (Specify type of machine.)	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Machine tools specially designed for the working or forming of aircraft sheet, plate, or extrusion. (Specify type of machine.)	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Machine tools designed for or equipped with electronic closed loop control systems in which a continuous feedback of information from the actual operation results in continuous correction of control commands, *excluding those control systems designed solely for positioning operations.* (See § 399.2, Interpretation 7.)	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Other machine tools designed for or equipped with electronic closed loop control systems designed solely for positioning operations. (See § 399.2, Interpretation 7.)	No.	TOOL 2	TVWXYZ	500	100	—	
71510 Gear roll forming machines capable of forming gears of finer than 48 diametral pitch. (See § 399.2, Interpretation 3.)	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Spin-forming machines with drive motors of 50 horsepower capacity or over.	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Spin-forming machines with drive motors of over 25 horsepower up to but not including 50 horsepower capacity.	No.	TOOL 2	TVWXYZ	500	500	—	
71510 Spin-forming machines with drive motors of 15 up to and including 25 horsepower capacity.	No.	TOOL 2	VWXYZ	—	500	—	
71510 Roll forming machines with drive motors over 25 horsepower, as follows: (a) rotary (spin) forming machines, or (b) extrusion machines, roll type.	No.	TOOL 2	TVWXYZ	500	500	—	
71510 Spin forging machines, with drive motors over 25 horsepower.	No.	TOOL 2	TVWXYZ	500	500	—	
71510 Armor plate quenching presses	No.	TOOL 1	TVWXYZ	500	500	—	A

[1] Arms, munitions, and implements of war are all items designated in paragraph 370.5(a), Categories I through XVI.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71510 Presses, as follows: (a) stabilized equipment using rams, for applying high impact energy work forces through use of explosives or compressed gases including air, (b) presses specially designed or re-designed for the working or forming of metals, alloys, or other materials with a melting point exceeding 1900° C., and (c) mechanical and hydraulic presses with total rated capacity over 10,000 tons (Specify model and rated tonnage capacity.)	No.	TOOL 1	TVWXYZ	500	500	—	A
71510 Other hydraulic or mechanical presses with rated capacity over 5,000 tons up to and including 10,000 tons. (Specify model and rated tonnage capacity.)	No.	TOOL 2	TVWXYZ	500	500	—	
71510 Other presses specially designed for the manufacture of steel pipe of a size greater than 19 inches o.d., as follows: (a) O-ing presses, (b) U-ing presses, and (c) straightener-expander presses.	No.	TOOL 2	VWXYZ	—	500	—	
71510 Other hydraulic or mechanical presses with rated capaciites of 2,000 tons up to and including 5,000 tons.	No.	TOOL 2	VWXYZ	—	500	—	
71510 Bomb nose and tail forging machines.....	No.	TOOL 1	TVWXYZ	500	100	—	A
71510 Forging hammers as follows: (a) counter-blow hammers having rated sizes of 25,000 kilogram meters (181,250 foot-pounds) or more, (b) rotary impact forging hammers of rated sizes of 10,000 foot-pounds or more, (c) horizontal impact hammers, (d) forging hammers having falling weight exceeding 10 tons; and (e) other steam, air, or mechanical hammers of rated size exceeding 10 tons. (Specify type, falling weight, or rated size.)	No.	TOOL 2	TVWXYZ	500	500	—	
71510 Electron beam machines, *excluding equipment using the "sparking" technique.* [Report electron beam furnaces and electron beam welders in Export Control Commodity No. 72992; and electron beam coating machines in No. 71980.]	No.	ELME 1	TVWXYZ	500	—	—	A
71510 Portable pipe bending machines capable of bending pipe of 16 inch diameter and over.	No.	TOOL 2	TVWXYZ	500	—	—	
71510 Portable drilling machines capable of tapping steel line pipe of a size greater than 19 inches o.d. without interruption of flow.	No.	TOOL 2	VWXYZ	—	—	—	
71510 Other machine tools for metal, excluding metal-cutting.	No.	TOOL 8	WXYZ	—	—	100	B
71521 Centrifugal casting machines for casting tubes 6 feet long or over with wall thickness of 2 inches or over; and specially designed parts and accessories.	.....	TOOL 1	TVWXYZ	500	500	—	A

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71521 Artillery casting machines and other foundry machines specially designed for the manufacture of arms, munitions, and implements of war; and specially designed parts and accessories, n.e.c.[1]	.....	TOOL 1	TVWXYZ	500	500	—	A
71521 Bessemer converters, open hearth converters, and other metallurgical converters.	.....	TOOL 8	XYZ	—	—	100	B
71521 Ingot molds	S. ton	TOOL 8	Z	—	—	—	B
71521 Other foundry equipment	.....	TOOL 8	WXYZ	—	—	100	B
Rolling mills and parts (See § 399.2, Interpretation 16):							
71522 Metal rolling mills with work rolls supported by multiple back-up rolls or bearings (for example, Senzimir cold mills); and specially designed parts and accessories, *excluding work rolls.*	.....[1]	TOOL 1	TVWXYZ	500	500	—	A
71522 Metal sheet, plate, strip, or foil mills (other than aluminum foil mills), hot or cold, having automatic work roll adjustment controls for tapering or contouring lengthwise of work piece; and specially designed parts and accessories, *excluding work rolls.*	.....[2]	TOOL 1	TVWXYZ	500	500	—	A
71522 Metal rolling mills (all types) specially *designed* or *redesigned* for rolling of metals and alloys with melting point exceeding 1900° C. (3420° F.); and specially designed parts and accessories, *excluding work rolls.*	.....[2]	TOOL 1	TVWXYZ	500	500	—	A
71522 Metal rolling mills, sheet, plate, strip, or foil (other than aluminum foil mills), more than 3 rolls high (including dual purpose mills for 2 or 4 high operation), which achieve special lateral and/or longitudinal contour control by one or more of the following methods or means: (a) having work rolls with a ratio of roll face length to diameter exceeding 6:1 with roll face length up to and including 30 inches, *or* exceeding 5:1 for rolls with roll face length over 30 inches, (b) maintaining work roll contour by concurrent deforming of back-up rolls, shafts or work rolls, or (c) any other features for achieving special lateral and/or longitudinal contour controls comparable to (a) or (b) above; and specially designed parts and accessories, *excluding work rolls.*	.....[2]	TOOL 1	TVWXYZ	500	500	—	A
71522 Metal rolling mills with multiple work rolls rotating in a planetary form around the back-up rolls (for example, Senzimir hot mills); and specially designed parts and accessories, *excluding work rolls.*	.....[2]	TOOL 2	TVWXYZ	500	500	—	

[1] Arms, munitions and implements of war are all items designated in paragraph 370.5(a), Categories I through XVI.
[2] Report back-up rolls and work rolls in "short ton."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71522 Other metal rolling mills, sheet, plate, strip, or foil (other than aluminum foil mills), more than 3 rolls high (including dual purpose mills for 2 or 4 high operation), which achieve special lateral and/or longitudinal contour control by one or more of the following methods or means: (a) incorporating closed loop electronic continuous gauge controls, (b) by use of control tensiometers for measuring and automatically maintaining appropriate adjustment of tension of metal being rolled, or (c) any other features for achieving special lateral and/or longitudinal contour controls comparable to (a) or (b) above; and specially designed parts and accessories, *excluding work rolls.*	.....[1]	TOOL 2	TVWXYZ	500	500	—	
71522 Other continuous cold sheet and strip mills of more than three-high roll stands; and specially designed parts and accessories, *excluding work rolls.*	.....[1]	TOOL 2	TVWXYZ	500	500	—	
71522 Other plate rolling mills; other continuous four-high hot strip and sheet mills; and pipe mills specially designed for the manufacture of steel pipe of a size greater than 19 inches o.d.; and specially designed parts and accessories, *excluding work rolls.*	.....[1]	TOOL 2	VWXYZ	—	500	—	
71522 Other rolling mill machines and equipment, including pipe or tube mill machines; and parts and accessories; and all work rolls for rolling mills.	.....[1]	TOOL 8	WXYZ	—	—	100	B
71523 Flame cutting machines with tracer heads designed for or equipped with electronic closed loop control systems in which a continuous feedback of information from the actual operation results in continuous correction of control commands, *excluding those control systems designed solely for positioning operations;* and specially fabricated parts and accessories, n.e.c. (See § 399.2, Interpretation 7.)	.....	TOOL 1	TVWXYZ	500	500	—	A
71523 Flame cutting machines with tracer heads designed for or equipped with electronic closed loop control systems designed solely for positioning operations; and specially fabricated parts and accessories, n.e.c. (See § 399.2, Interpretation 7.)	.....	TOOL 2	TVWXYZ	500	500	—	
71523 Other gas operated welding, cutting, brazing, and surface tempering machines and appliances, including parts and accessories, n.e.c.	.....	TOOL 8	WXYZ	—	—	100	B
71711 Cotton gins	No.	GIEQ 8	XYZ	—	—	100	B
71711 Cotton carding, combing, spinning and twisting machines; and wool carding, combing, spinning and twisting machines.	No.	GIEQ 8	Z	—	—	—	B

[1] Report back-up rolls and work rolls in "short ton."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71711 Machines for extruding man-made fibers, and other machines for preparing and processing natural or man-made fibers into yarns, and for winding.	No.	GIEQ 8	YZ	—	—	—	B
71712 Looms other than cotton looms.....	No.	GIEQ 8	YZ	—	—	—	B
71712 Other weaving machines, knitting machines, and machines for producing trimmings, braids, net, and similar fabrics; and machines for preparing yarn for use on such machines.	No.	GIEQ 8	Z	—	—	—	B
71713 Parts and attachments for cotton gins.....	.....	GIEQ 8	XYZ	—	—	100	B
71713 Gold spinnerette blanks.[1].....	.....	FINP 8	XYZ	—	—	100	B
71713 Parts, accessories and attachments for looms other than cotton looms; and for machines for extruding man-made fibers, and other machines for preparing and processing natural or man-made fibers into yarns, and for winding, *except for machines for carding, combing, spinning or twisting cotton or wool.*	.....[2]	GIEQ 8	YZ	—	—	—	B
71713 Parts, accessories and attachments for cotton looms; for other weaving machines, knitting machines, machines for producing trimmings, braids, net, and similar fabrics; machines for preparing yarn for use on such machines; cotton carding, combing, and spinning machines; and wool carding, combing, and spinning machines.	.....[2]	GIEQ 8	Z	—	—	100	B
71714 Millinery dies (hat blocks), nonferrous metal.	.....	FINP 8	XYZ	—	—	100	B
71714 Other machinery for the manufacture or finishing of felt, and parts.	.....	GIEQ 8	Z	—	—	—	B
71715 Silk screen printing equipment, and parts and attachments, n.e.c.	.....[3]	FINP 8	YZ	—	—	—	B B
71715 Wallpaper printing machines, and parts and attachments.	.....[3]	FINP 8	Z	—	—	—	B
71715 Other industrial machines for washing, cleaning, drying, bleaching, dyeing, dressing or finishing textile yarns, fabrics, or made-up textile articles; and machines for printing on textiles, leather, linoleum, or other materials; and parts and attachments therefor.	.....[3]	GEIQ 8	Z	—	—	—	B
71715 Dryset vacuum systems®, and parts and attachments.	.....[3]	GIEQ 8	XYZ	—	—	100	B
71715 Pleating (folding) machines, and parts and attachments.	.....[3]	GIEQ 8	YZ	—	—	—	B
71715 Laundry and drycleaning machines designed for coin-operated and self-service use; and household laundry equipment; and parts therefor.	.....[3]	FINP 8	Z	—	—	—	B

® Trademark registered in Patent Office of the United States.

[1] Export authorization is required from U. S. Treasury Department for items of which 90 percent of the total value is attributable to gold content. See paragraph 370.5(b).

[2] Report needles in "thousand."

[3] Report complete machines (assembled or unassembled) in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71720 Shoe making and repairing machines, and machines for preparing, tanning or working hides, skins or leather (excluding sewing machines), n.e.c., and parts.	.....	GIEQ 8	Z	—	—	—	B
71730 Sewing machine cabinets, wood.....	.....	FINP 8	Z	—	—	—	B
71730 Industrial sewing machines (including complete head assemblies), specially designed for the production of parachutes or other military equipment; and parts.	.....[1]	GIEQ 8	YZ	—	—	—	B
71730 Other industrial sewing machines, and parts.	.....[1]	GIEQ 8	Z	—	—	—	B
71730 Domestic sewing machines, and parts.	.....[1]	FINP 8	Z	—	—	—	B
71730 Needles, sewing machine.....	M.	FINP 8	Z	—	—	—	B
71811 Laminators, electric, for restoring manuscripts and documents; and parts and attachments.	.....[1]	ELME 8	XYZ	—	—	100	B
71811 Other machinery for making or finishing cellulosic pulp, paper or paperboard; and parts and attachments.	.....[1]	GIEQ 8	YZ	—	—	—	B
71812 Machinery for cutting paper or for manufacturing products of paper pulp, paper, or paperboard; and parts and attachments.	.....[1]	GIEQ 8	YZ	—	—	—	B
71812 Paper bag-making machines; and parts and attachments.	.....[1]	GIEQ 8	Z	—	—	—	B
71821 Bookbinding machines, and parts.....	.....	FINP 8	XYZ	—	—	100	B
71822 Electroplating, stereotyping, and photoengraving machines; printing plates and cuts (electrotype, stereotype, halftone, lithographic, or engraved); and parts and accessories.	.....[1]	FINP 8	XYZ	—	—	100	B
71822 Fonts, handsaws, and Linotype® matrices..	.....	FINP 8	YZ	—	—	—	B
71822 Typesetting and type making machines; and parts and accessories.	.....[1]	FINP 8	Z	—	—	—	B
71829 Price marking machines and plane-o-plate rotary shavers, and parts.	.....[1]	FINP 8	XYZ	—	—	100	B
71829 Printing machines, n.e.c., and parts.....	.....[1]	FINP 8	Z	—	—	—	B
71831 Grain cleaning machines and corn husking machines, and parts.	.....	AGRI 8	YZ	—	—	—	B
71831 Other machines used in the grain milling industry, and parts.	.....	GIEQ 8	Z	—	—	—	B
71839 Chocolate homogenizers, and parts.....	.....	GIEQ 8	XYZ	—	—	100	B
71839 Sugar-plant machinery and equipment, n.e.c., and parts.	.....	GIEQ 8	YZ	—	—	—	B
71839 Other food processing machinery and equipment, n.e.c., and parts.	.....	GIEQ 8	Z	—	—	—	B
71841 Road rollers, mechanically propelled, and parts.	.....[1]	CONS 8	XYZ	—	—	100	B
71842 Construction equipment built to military specifications, specially designed for airborne transport.	No.	CONS 1	TVWXYZ	500	—	—	A

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[1] Report complete machines (assembled or unassembled) in "No."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71842 Other construction equipment, tractor-mounted, possessing or built to current military specifications differing materially from their normal commercial specifications. (Specify as military.)	No.	CONS 1	TVWXYZ	500	—	—	A
71842 Power cranes, draglines, and shovels, excavator type, crawler or walker-mounted, full revolving, over 6 cu. yd. dipper capacity, or over 100 tons crane lifting capacity, n.e.c. [Report wheel- or truck-mounted machines in Export Control Commodity No. 73203.]	No.	CONS 2	VWXYZ	—	—	—	
71842 Parts, accessories, and attachments specially designed for construction equipment built to military specifications. (Specify as military.)	.....	CONS 1	TVWXYZ	500	—	—	A
71842 Parts, accessories, and attachments, n.e.c., *excluding cabs and cab guards (canopy tops)*, specially designed for nonmilitary, full-revolving excavator type power cranes, draglines, and shovels as follows: (a) walker- or crawler-mounted of over 6 cu. yd. dipper capacity or over 100 tons crane lifting capacity; and (b) wheel- or truck-mounted of over 1 cu. yd. capacity or over 30 ton crane lifting capacity. (Specify type and capacity of excavators).	.....	CONS 2	VWXYZ	—	1000	—	
71842 Nonmilitary type scrapers, dig-carry-haul type, over 11 cu. yd. struck capacity. (Specify struck capacity.)	No.	CONS 2	VWXYZ	—	—	—	E-11
71842 Logging vehicles, self-propelled, 135 horsepower and over. (Specify type and horsepower.)[1]	No.	CONS 2	VWXYZ	—	—	—	
71842 Pipe layers, specially designed (integrated track-laying type), 135 horsepower and over. (Specify horsepower.)[1]	No.	CONS 2	VWXYZ	—	—	—	E-11
71842 Parts and accessories, *excluding cabs and cab guards (canopy tops)* specially designed for the following: (a) nonmilitary types of scrapers, dig-carry-haul type, over 11 cu. yd. struck capacity, (b) logging vehicles, self-propelled, 135 horsepower and over, or (c) pipe layers, specially designed (integrated tracklaying tractor types), 135 horsepower and over. (Specify as nonmilitary and cu. yd. capacity or horsepower as appropriate.)[1]	.....	CONS 2	VWXYZ	—	1000	—	E-11
71842 Dredging machines, and parts and accessories, n.e.c.	.....[2]	CONS 8	WXYZ	—	—	100	B
71842 Self-propelled ditchers and trenchers incorporating engines rated 60 horsepower or less; and attachments therefor.	.....[2]	CONS 8	YZ	—	—	—	B

[1] For export control purposes the horsepower to be used is the horsepower at the flywheel that the basic engine (with fan, water pump and oil pump) is capable of producing at governed speed, corrected to standard conditions of 60° F. and barometer (dry) of 29.92 inches of mercury.

[2] Report complete dredging machines, ditchers, trenchers, logging sulkies, and logging arches (assembled or unassembled) in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71842 Logging sulkies, and logging arches, *except self-propelled of 135 horsepower or over;* and parts and accessories.	.....[1]	CONS 8	YZ	—	—	—	B
71842 Asphalt cutters; clay spades; dirt tampers; and street flushing units for truck mounting; and parts.	.....	CONS 8	Z	—	—	—	B
71842 Rotary drill rigs incorporating rotary tables with drawworks designed for an input of 150 horsepower and over. (Specify input horsepower.) [Report truck mounted rigs in Export Control Commodity No. 73203.]	No.	CONS 2	VWXYZ	—	—	—	
71842 Parts and accessories, n.e.c., specially designed for rotary drill (*excluding core*) rigs incorporating rotary tables with drawworks designed for an input of 150 horsepower and over, *excluding core barrels, crown and traveling blocks, hooks, swivels, drill collars, tool joints, kellies, and kelly and rotary substitutes.* [Report derricks in Export Control Commodity No. 71931.]	.....	CONS 2	VWXYZ	—	1,000	—	E-12
71842 Snow plows, farm-type; and parts and accessories, n.e.c.	.....[2]	AGSU 8	YZ	—	—	—	B
71842 Other drilling, excavating, leveling, mining, construction, and maintenance equipment; and parts, accessories, and attachments.	.....[2]	CONS 8	XYZ	—	—	100	B
71851 Foundry machines specially designed for the manufacture of arms, munitions, or implements of war; and specially designed parts, n.e.c.[3]	.....	TOOL 1	TVWXYZ	500	500	—	A
71851 Other foundry sand agglomerating, molding, or shaping machines, and parts, n.e.c.	.....	TOOL 8	WXYZ	—	—	100	B
71851 Equipment for mixing or forming minerals, and accessory equipment as follows: buggies; concrete floor finishing machines; cutting machines, *except powder cutting;* grout mixers; plaster and mortar mixers; and rotary finishers; and parts.	.....[2]	CONS 8	YZ	—	—	—	B
71851 Briquetting presses and parts.....	.....[2]	CONS 8	Z	—	—	—	B
71851 Brick, tile, household ceramic, and concrete products manufacturing machines, n.e.c.; and parts, n.e.c.	.....	CONS 8	Z	—	—	—	B
71851 Other machinery for crushing, sorting, washing, mixing, and forming minerals, and parts.	.....[2]	CONS 8	XYZ	—	—	100	B
71852 Glass-working machines (specify by name), specially designed for producing glass components for electronic tubes, transistors, or crystal diodes; and specially designed parts and accessories, n.e.c.	.....	GIEQ 1	TVWXYZ	500	100	—	A
71852 Automatic or semiautomatic manufacturing and assembling machines, n.e.c. (specify by name) for the production of electronic tubes (including parts and subassemblies), *excluding standard*	.....	GIEQ 1	TVWXYZ	500	100	—	A

[1] Report complete dredging machines, ditchers, trenchers, logging sulkies, and logging arches (assembled or unassembled) in "number."
[2] Report attachments for mounting on tractors (dozers, backhoes, rippers, etc.) and complete machines (exclusive of attachments) in "number."
[3] Arms, munitions, and implements of war are all items designated in paragraph 370.5(a), Categories I through XVI.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
equipment designed for automatic or semiautomatic exhaust sealing and gettering of standard entertainment-type 7-pin miniature and 9-pin noval tubes; and specially designed parts and accessories, n.e.c.							
71852 Standard equipment designed for automatic exhaust sealing of standard entertainment type 7-pin miniature and 9-pin noval tubes.	.....	GIEQ 2	TVWXYZ	500	100	—	
71852 Other glass working machinery, n.e.c; and parts.	.....	GIEQ 8	XYZ	—	—	100	B
71911 Air, oxygen, nitrogen, argon, and/or hydrogen generating and/or liquefying equipment, specially designed for use in plants capable of producing one ton or more per 24-hour day of gas in liquid form, *excluding equipment not capable of producing more than 25 percent of their total 24-hour daily product as extractable gas in liquid form;* and specially designed parts.	.....	GIEQ 1	TVWXYZ	500	100	—	A
71911 Other liquid oxygen or liquid nitrogen generators, mobile; and specially designed parts.	.....	GIEQ 2	TVWXYZ	500	500	—	
71911 Equipment for the production of liquid fluorine; and specially designed parts.	.....	GIEQ 1	TVWXYZ	500	100	—	A
71911 Equipment for the production and/or concentration of deuterium oxide; and specially designed parts.	.....	GIEQ 1	TVWXYZ	500	100	—	A
71911 Equipment for the separation of helium from natural gases; and specially designed parts.	.....	GIEQ 1	TVWXYZ	500	100	—	A
71911 Electrolytic cells for the production of fluorine, with a production capacity greater than 250 grams of fluorine per hour (specify by name); and specially designed parts.	.....	GIEQ 1	TVWXYZ	500	100	—	A
71911 Other electrolytic cells, n.e.c. (specify by name); and specially designed parts.	.....	GIEQ 2	TVWXYZ	500	100	—	
71911 Acetylene gas generating apparatus, unitized; and parts.	.....	GIEQ 8	Z	—	—	—	B
71911 Other gas generators, and parts.	.....	GIEQ 8	XYZ	—	—	100	B
Air-conditioning machines, self-contained [Report parts in Export Control Commodity No. 71915]:							
71912 Air-conditioning machines, self-contained.	No.	GIEQ 8	XYZ	—	—	100	B
71913 Oil and gas burners for continuous combustion controlled reaction type carbon black furnaces; and specially designed parts.	.....	CONS 2	VWXYZ	—	—	—	
71913 Oil burners, ceramic cup type; and gas combustion burners, ceramic cup type; and specially designed parts.	.....[1]	CONS 8	WXYZ	—	—	100	B

[1] Report oil burners and gas combustion burners in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71913 Other burners for carbon black furnaces; and parts and attachments, n.e.c.	.....[1]	CONS 8	XYZ	—	—	100	B
71913 Other oil and gas furnace burners; mechanical stokers; ash dischargers; mechanical grates; and parts and attachments, n.e.c.	.....[1]	CONS 8	Z	—	—	—	B
71914 Carbon black furnaces, continuous combustion, controlled reaction type; and specially designed parts and attachments.	.....[2]	CONS 2	VWXYZ	—	—	—	
71914 Non-electric industrial furnaces (heaters) of the following types: (a) cylindrical having a suspended deflecting cone, or (b) radiant wall employing multiple independently controlled ceramic cup burners; and specially designed parts and attachments.	.....[2]	CONS 8	WXYZ	—	—	100	B
71914 Metal heat-treating furnaces, non-electric; and specially designed parts and attachments.	.....[2]	CONS 8	WXYZ	—	—	100	B
71914 Bakery ovens, nonelectric, and parts.....	.....	GEIQ 8	Z	—	—	—	B
71914 Other industrial furnaces and ovens, non-electric, and specially designed parts and attachments.	.....[2]	CONS 8	XYZ	—	—	100	B
71914 Laboratory furnaces and ovens, non-electric; and parts and attachments.	.....[2]	SATE 8	XYZ	—	—	100	B
Refrigerators (other than domestic), air conditioners *(excluding self contained)*, and other refrigeration equipment, including parts, n.e.c.:							
71915 Commercial refrigeration equipment, mechanically operated, capable of maintaining temperatures below minus 130° C. (minus 202° F.); and specially designed parts, n.e.c.	.....[3]	GIEQ 2	TVWXYZ	500	500	—	
71915 Other cryogenic equipment specially designed for use of liquefied gases as a coolant (for example, liquid gas refrigerators) capable of creating or maintaining temperatures of below minus 130° C. (minus 202° F.); and specially designed parts, n.e.c.	.....[3]	FINP 2	TVWXYZ	500	500	—	
71915 Air conditioners, for aircraft; and specially designed parts.	.....[3]	GIEQ 2	TVWXYZ	500	500	—	E-2
71915 Parts, n.e.c., for self-contained air-conditioning machines.	.....	GIEQ 8	XYZ	—	—	100	B
71915 Walk-in coolers	.....[3]	GIEQ 8	YZ	—	—	—	B
71915 Commercial type refrigerators and freezers, *excluding walk-in coolers; blood, bone and tissue bank freezers; deepfreeze storage cabinets; freezers capable of maintaining temperatures below minus 130° C.; and refrigerating systems for truck and railway cars;* and parts therefor, *except compressors and condensing units (compressor with condenser).*	.....[3]	GIEQ 8	Z	—	—	—	B

[1] Report oil burners and gas combustion burners in "number."
[2] Report complete furnaces and ovens (assembled or unassembled) in "number."
[3] Report complete machines, air conditioners, refrigerators or refrigerating units (assembled or unassembled) in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71915 Air conditioners for nonmilitary automobiles, trucks, busses, and trailers; and specially designed parts.	.....[1]	GIEQ 8	YZ	—	—	—	B
71915 Condensing units (compressor with condenser) ½ horsepower and under; and parts.	.....[2]	FINP 8	XYZ	—	—	100	B
71915 Other air conditioners; blood, bone, and tissue bank freezers; commercial deepfreeze storage cabinets; refrigerating systems for truck and railway cars; and condensing units (compressor with condenser) over ½ horsepower; and parts therefor. [Report compressors in Export Control Commodity No. 71922.]	.....[1]	GIEQ 8	XYZ	—	—	100	B
71919 Electron ovens; and parts.....	.....[3]	ELME 8	YZ	—	—	—	B
71919 Electric commercial cooking (*excluding bakery*), and food service equipment; and parts.	.....	ELME 8	Z	—	—	—	B
71919 Commercial type cooking and food warming equipment, nonelectric; and parts.	.....[3]	FINP 8	Z	—	—	—	B
71919 Sterilizers and autoclaves, dental, medical, surgical and laboratory.	.....	SATE 8	Z	—	—	—	B
71919 Vegetable oil mill, processing machines for processing by means of a change in temperature (for example, driers, and boilers); and parts.	.....[1]	GIEQ 8	XYZ	—	—	100	B
71919 Forage dehydrators: and bakery and sugar mill machines for processing by means of a change in temperature (for example, driers, evaporators, sugar extraction calorizators and carbonation vats); and parts.	.....[1]	GIEQ 8	YZ	—	—	—	B
71919 Machines for processing by means of a change in temperature for other food products industries; and parts.	.....[1]	GIEQ 8	Z	—	—	—	B
71919 Machines for processing tobacco by means of a change in temperature (for example, driers); and parts.	.....	GIEQ 8	YZ	—	—	—	B
71919 Industrial processing vessels, non-mixing, n.e.c., specially designed for use in the following unit operations: (a) solvent processing, (b) fractionating, rectifying and dephlegmatizing, (c) hydrogenation, (d) dehydrogenation, (e) isomerization, (f) polymerization, (g) aromatization, (h) alkylation, (i) desulphurization, and (j) thermal and catalytic cracking, reforming or platforming; and specially fabricated parts and accessories therefor, n.e.c.	.....	GIEQ 8	WXYZ	—	—	100	B
71919 Other machines and equipment for processing materials by means of a change in temperature, for the special use of individual industries,	.....	GIEQ 8	XYZ	—	—	100	B

[1] Report complete machines, air conditioners, refrigerators or refrigerating units (assembled or unassembled) in "number."
[2] Report complete condensing units in "number."
[3] Report complete furnaces and ovens (assembled or unassembled) in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
excluding food products, tobacco and textile industries; and parts.							
71919 Machines and equipment specially designed for use at temperatures below minus 130° C. (minus 202° F.); and specially designed parts.	.....[1]	GIEQ 2	TVWXYZ	500	100	—	
71919 Heat exchangers made of aluminum, copper, nickel, or alloys containing more than 60 percent nickel, or combinations of these metals as clad tubes, designed to operate at sub-atmospheric pressure, with a leak rate of less than 10^{-4} atmospheres per hour under a pressure differential of 1 atmosphere (specify type of metal and operation specifications); and specially designed parts.	.....[2]	GIEQ 1	TVWXYZ	500	100	—	A
71919 Air separation equipment, n.e.c., specially designed for use in plants capable of producing one ton or more per 24-hour day of gas in liquid form, *except equipment for plants not capable of producing more than 25 percent of their total 24-hour daily product as extractable gas in liquid form;* and specially fabricated parts and accessories, n.e.c.	.....	GIEQ 1	TVWXYZ	500	100	—	A
71919 Equipment specially designed for use in production of nitric acid of 98 percent or higher concentration, or for the concentration of nitrogen tetroxide and/or nitric oxides or mixtures thereof; and specially designed parts and accessories, n.e.c.	.....	GIEQ 2	TVWXYZ	500	100	—	
71919 Heat exchangers, oil coolers and liquid coolers specially designed for aircraft; and parts.	.....[2]	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
71919 Other heat exchangers, n.e.c., and parts, n.e.c.	.....[2]	GIEQ 8	WXYZ	—	—	100	B
71919 Fractionating columns having, or having provisions for, 25 or more trays; and specially designed parts.	.....	GIEQ 8	WXYZ	—	—	100	B
71919 Other fractionating columns, heat exchangers and processing vessels having all flow-contact surfaces made of or lined with any of the following materials: (a) 90 percent or more tantalum, titanium, or zirconium either separately or combined, (b) 50 percent or more cobalt, molybdenum, nickel or tungsten either separately or combined, (c) 13 percent or more silicon, (d) steel alloys containing more than 3 percent of (i) chromium and molybdenum combined, or (ii) chromium and tungsten combined, or (iii) chromium, molybde-	.....[2]	GIEQ 8	WXYZ	—	—	100	B

[1] Report complete machines (assembled or unassembled) in number."
[2] Report condensing units and heat exchangers in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
num, or tungsten combined; (e) 2.5 percent or more nickel, (f) fluoro and/or silico resins, (g) glass (acid-, heat-, or shock-resistant), (h) ceramics, (i) carbon, (j) graphite, or (k) acid/heat resistant cement; and specially designed parts for such heat exchangers.							
71919 Cooling towers and cooling pond units; and parts.	.....	GIEQ 8	YZ	—	—	—	B
71919 Asphalt heating kettles and heaters; and parts.	.....	CONS 8	Z	—	—	—	B
71919 Dri-Air units; bread coolers; and parts.....	.....[1]	GIEQ 8	Z	—	—	—	B
71919 Other machines and equipment not for special use of an individual industry (other than domestic) for processing materials by means of a change in temperature; and parts therefor.	.....[2]	GIEQ 8	XYZ	—	—	100	B
Pumps for liquids, and parts:							
71921 Industrial pumps having all flow-contact surfaces made of any of the following materials: (a) 90 percent or more tantalum, titanium, or zirconium, either separately or combined, (b) 50 percent or more cobalt or molybdenum, either separately or combined, (c) polytetrafluoroethylene, or (d) polytrifluorochloroethylene. (Specify metal content in percent.)	No.	CONS 1	TVWXYZ	500	—	—	A
71921 Pumps specially designed for operation at temperatures below minus 274° F. (minus 170° C.), *excluding pumps with a flow rate of 100 gallons per minute or less designed to operate at temperatures above minus 328° F.* (minus 200° C.). (Specify designed operating temperatures and gpm.)	No.	CONS 1	TVWXYZ	500	—	—	A
71921 Other pumps designed to operate at temperatures below minus 200° F. (minus 130° C.). (Specify designed operating temperatures.)	No.	CONS 2	TVWXYZ	500	—	—	
71921 Centrifugal pumps, glandless, hermetically-sealed (canned type), having all flow-contact surfaces made of 10 percent or more chromium or nickel, either separately or combined. (Identify type and specify metal content in percent.)	No.	CONS 2	TVWXYZ	500	—	—	
71921 Pumps designed to move molten metals by electro-magnetic forces. (Specify type and that pumps are so designed.)	No.	CONS 1	TVWXYZ	500	—	—	A
71921 Other centrifugal pumps having any of the following characteristics: (a) designed to deliver at pressures of 1000 psi or over *and* to operate at	No.	CONS 2	VWXYZ	—	—	—	

[1] Report bread ovens in "number."
[2] Report complete machines (assembled or unassembled) in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
temperatures of 350° F. and over; (b) designed to operate at speeds of 7,000 rpm or over *and* to produce pressures of 800 psi or over *and* having all flow-contact surfaces made of 10 percent or more chromium or nickel, either separately or combined; or (c) designed for an internal pumpcase working pressure of over 300 psi *and* a power input greater than 1,000 horsepower. (Give specifications and type pump.)							
71921 Other pumps designed to deliver at pressures of 1,000 psi and over *and* to operate at temperatures of 350° F. and over. (Specify designed delivery pressure and operating temperature.)	No.	CONS 2	VWXYZ	—	—	—	
71921 Slush (mud) pumps reciprocating type, designed to deliver at pressures of 1,000 psi or over *and* requiring a drive rated 200 horsepower or over. (Specify delivery pressure and horsepower.)	No.	CONS 2	VWXYZ	—	—	—	
71921 Oilfield production (bottom hole) pumps.....	No.	CONS 2	VWXYZ	—	500	—	E-12
71921 Other pumps specially designed for use in the processing of petroleum, petrochemicals, natural gas, or their fractions; and specially designed parts and attachments therefor.	.....[1]	CONS 8	WXYZ	—	—	100	B
71921 Other pumps having all flow-contact surfaces made of or lined with any of the following materials: (a) 50 percent or more cobalt, molybdenum, nickel or tungsten either separately or combined; (b) 13 percent or more silicon; (c) steel alloys containing more than 3 percent of (i) chromium and molybdenum combined, (ii) chromium and tungsten combined, or (iii) chromium, molybdenum, or tungsten combined; (d) 2.5 percent or more nickel; (e) fluoro and/or silico resins; (f) glass (acid-, heat-, or shock-resistant); (g) ceramics; (h) carbon; (i) graphite; or (j) acid/heat resistant cement; and specially designed parts and attachments therefor.	.....[1]	CONS 8	WXYZ	—	—	100	B
71921 Pumps specially designed for aircraft (fuel, fuel booster, hydraulic, water, etc.).	No.	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
71921 Fuel pumps specially designed for automotive vehicles and trucks; and parts therefor.	.....[1]	TRAN 8	XYZ	—	—	100	B
71921 Hand pumps; windmill pumps; self-contained household water systems; service station pumps; and measuring and dispensing pumps designed for fuels and lubricants; and parts and attachments n.e.c.	.....[1]	CONS 8	Z	—	—	—	B

[1] Report complete pumps (assembled or unassembled) in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71921 Other pumps for liquids; and parts and attachments therefor.	.....[1]	CONS 8	XYZ	—	—	100	B
71921 Pump parts and attachments wholly made of fluorocarbon polymers or copolymers.[2]	.....	CONS 1	TVWXYZ	500	100	—	A
71921 Parts and attachments specially designed for pumps under Export Control Commodity No. 71921 which are subject to the Import Certificate/Delivery Verification procedure.	.....	CONS 1	TVWXYZ	500	100	—	A
71921 Parts and attachments specially designed for pumps under Export Control Commodity No. 71921 which require a validated license to all destinations but which are not subject to the Import Certificate/Delivery Verification procedure.	.....	CONS 2	TVWXYZ	500	100	—	
71921 Parts specially designed for aircraft pumps.	.....	TRAN 2	TVWXYZ	500	500	—	E–2
71921 Parts and attachments specially designed for pumps under Export Control Commodity No. 71921 which require a validated license to all destinations other than T destinations.	.....	CONS 2	VWXYZ	—	500	—	
Pumps for gases; air or gas compressors; fans and blowers, *excluding household fans*; and parts:							
71922 Cryopump systems (that is, systems in which the circulation of liquefied gas is used to achieve a vacuum—static or dynamic—by lowering the temperature of the environment).	No.	GIEQ 1	TVWXYZ	500	—	—	A
71922 Diffusion vacuum pumps rated for unbaffled pumping speeds of more than 50,000 liters of nitrogen per second at pressures of 10^{-4} mm. of mercury or less.	No.	GIEQ 1	TVWXYZ	500	—	—	A
71922 Turbo-molecular pumps having a capacity higher than 2,000 liters of nitrogen per second.	No.	GIEQ 1	TVWXYZ	500	—	—	A
71922 Ion vacuum pumps having speeds of 800 or more liters of hydrogen per second at pressures of 10^{-6} mm./Hg or more.	No.	GIEQ 1	TVWXYZ	500	—	—	A
71922 Other ion vacuum pumps.....	No.	GIEQ 2	TVWXYZ	1,000	1,000	—	
71922 Other diffusion vacuum pumps, 12 inches in diameter and larger (diameter measured inside the barrel at the inlet jet).	No.	GIEQ 2	TVWXYZ	500	—	—	
71922 Vacuum pumps, air compressors, fans, and blowers specially designed for aircraft.	No.	TRAN 2	TVWXYZ	1,000	1,000	—	E–2
71922 Other vacuum pumps.....	No.	GIEQ 8	XYZ	—	—	100	B
71922 Vacuum pump parts and attachments wholly made of fluorocarbon polymers or copolymers.[2]	.....	GIEQ 1	TVWXYZ	500	100	—	A
71922 Parts specially designed for aircraft vacuum pumps, air compressors, fans and blowers.	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E–2

[1] Report complete pumps (assembled or unassembled) in "number."
[2] See § 399.2, Interpretation 22.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71922 Parts and attachments specially designed for vacuum pumps under Export Control Commodity No. 71922 which are subject to the Import Certificate/Delivery Verification procedure.	.....	GIEQ 1	TVWXYZ	500	100	—	A
71922 Parts and attachments specially designed for vacuum pumps under Export Control Commodity No. 71922 which require a validated license to all destinations but not subject to the Import Certificate/Delivery Verification procedure.	.....	GIEQ 2	TVWXYZ	1,000	1,000	—	
71922 Other parts and attachments for vacuum pumps.	.....	GIEQ 8	XYZ	—	—	100	B
71922 Compressors and blowers (turbo, centrifugal, and axial flow types) having a designed capacity of 60 cfm or more *and* all flow-contact surfaces made of aluminum, nickel, or alloy containing 60 percent or more nickel; and specially designed parts and attachments. (Specify cfm capacity, discharge pressure, kind of metal, and if nickel alloy, state percentage of nickel content.)	.....[1]	CONS 1	TVWXYZ	500	500	—	A
71922 Centrifugal and axial flow compressors and blowers capable of: (a) an overall compression ratio of 2:1 or more coupled with a capacity of over 372,000 cubic feet per minute, or (b) an overall compression ratio of 3:1 or more coupled with a capacity of 106,000 cubic feet per minute or more.	No.	CONS 1	TVWXYZ	500	—	—	A
71922 Parts and accessories, n.e.c., specially designed for centrifugal and axial flow compressors and blowers capable of: (a) an overall compression ratio of 2:1 or more coupled with a capacity of over 372,000 cubic feet per minute, or (b) an overall compression ratio of 3:1 or more coupled with a capacity of 106,000 cubic feet per minute or more.	.....	CONS 1	TVWXYZ	500	500	—	A
71922 Compressors for jet and gas turbines for aircraft engines of 9,000 pounds thrust and over; and parts.	.....[1]	TRAN 1	TVWXYZ	500	—	—	A
71922 Compressors for other jet and gas turbines for aircraft; and parts.	.....[1]	TRAN 2	TVWXYZ	500	—	—	E–2
71922 Other compressors and blowers capable of receiving a power input greater than 2,000 horsepower *and* designed for a discharge greater than 300 psi.	No.	CONS 2	VWXYZ	—	—	—	
71922 Parts and accessories, n.e.c., specially designed for other compressors and blowers capable of receiving a power input greater than 2,000 horsepower *and* designed for a discharge greater than 300 psi.	.....	CONS 2	VWXYZ	—	500	—	

[1] Report complete compressors and blowers (assembled or unassembled) in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71922 Other compressors and blowers capable of receiving a power input of 500 horsepower or greater *and* specially designed for use in the processing of petroleum, petrochemicals, natural gas or their fractions; and specially designed parts and attachments.	.....[1]	CONS 8	WXYZ	—	—	100	B
71922 Other reciprocating compressors over 125 horsepower and all other centrifugal, axial flow and mixed flow compressors and blowers having all flow-contact surfaces made of or lined with any of the following materials: (a) 90 percent or more tantalum, titanium, or zirconium either separately or combined, (b) 50 percent or more cobalt, molybdenum, nickel or tungsten either separately or combined, (c) 13 percent or more silicon, (d) steel alloys containing more than 3 percent of (i) chromium and molybdenum combined, (ii) chromium and tungsten combined, or (iii) chromium, molybdenum, and tungsten combined; (e) 2.5 percent or more nickel, (f) fluoro and/or silico resins, (g) glass (acid-, heat-, or shock-resistant), (h) ceramics, (i) carbon, (j) graphite, or (k) acid/heat resistant cement; and specially designed parts and attachments.	.....[1]	CONS 8	WXYZ	—	—	100	B
71922 Compressors, refrigeration and air-conditioning type, ½ horsepower and under; and parts, n.e.c.	.....[1]	FINP 8	XYZ	—	—	100	B
71922 Compressors, refrigeration and air-conditioning type, over ½ horsepower; and parts, n.e.c.	.....[1]	GIEQ 8	XYZ	—	—	100	B
71922 Other blowers, compressors and fans; and parts and attachments.	.....[1]	CONS 8	XYZ	—	—	100	B
71923 Counter-current solvent extractors specially designed for the extraction of radioactive substances (for example, pulsed columns and mixer-settlers made of stainless steel); and specially designed parts.	.....	GIEQ 1	TVWXYZ	500	100	—	A
71923 Gas centrifuges capable of the enrichment or separation of isotopes; and specially designed parts.	.....	GIEQ 1	TVWXYZ	500	100	—	A
71923 Centrifugal counter-current solvent extractors; and specially designed parts.	.....	GIEQ 2	TVWXYZ	500	500	—	
71923 Other centrifuges, power-driven, bowl type, with all product contact surfaces of aluminum, nickel, or alloy containing 60 percent or more nickel. (Specify by name; and specify kind of metal and, if nickel alloy, state percentage of nickel content.)	.....	GIEQ 2	TVWXYZ	500	100	—	

[1] Report complete compressors and blowers (assembled or unassembled) in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71923 Centrifuge bowls, *wholly made of or lined with* aluminum, nickel, or alloy containing 60 percent or more nickel. (Specify by name and specify kind of metal and, if nickel alloy, state percentage of nickel content.)	.....	GIEQ 2	TVWXYZ	500	100	—	
71923 Separators and collectors specially designed for use at temperatures below minus 130° C. (minus 202° F.); and specially designed parts.	.....	GIEQ 2	TVWXYZ	500	100	—	
71923 Oil and gas separators other than field production units; and specially designed parts. [Report separators, for oil and gas field production units in Export Control Commodity No. 71931.]	.....	GIEQ 2	TVWXYZ	500	100	—	
71923 Petroleum dehydrators, and petroleum desalters; and specially designed parts.	.....	GIEQ 2	VWXYZ	—	100	—	
71923 Water purifiers, water softeners, water filters, and other filtering, purifying, and separating machines for water treatment and sewage disposal; and specially designed parts.	.....	CONS 8	XYZ	—	—	100	B
71923 Laundry dryers, coin operated, centrifugal type, designed for commercial laundries; and parts and accessories therefor.	.....[1]	FINP 8	Z	—	—	—	B
71923 Other laundry dryers designed for commercial laundries, and parts and accessories therefor.	.....[1]	GIEQ 8	Z	—	—	—	B
71923 Centrifix type RW line purifiers®	.....	GIEQ 8	Z	—	—	—	B
71923 Other centrifuges, *excluding cream separators*, and filtering, and purifying machines for liquids, air, and gases; and parts therefor.	.....	GIEQ 8	XYZ	—	—	100	B
71931 Military type integral tractor-shovel loaders.[2]	No.	CONS 1	TVWXYZ	500	—	—	A
71931 Non-military type integral tractor-shovel loader, 135 horsepower and over. (Specify as nonmilitary whether wheel or tracklaying type, and horsepower.)[3]	No.	CONS 2	VWXYZ	—	—	—	E-11
71931 Non-military type integral tractor-shovel loader, under 135 horsepower. (Specify as nonmilitary whether wheel or tracklaying type, and horsepower.)[3]	No.	CONS 8	XYZ	—	—	100	B
71931 Parts and attachments specially designed for military type integral tractor-shovel loaders.[2] (Specify as military.)	.....	CONS 1	TVWXYZ	500	—	—	A
71931 Parts and attachments specially designed for nonmilitary type integral tractor-shovel loaders of under 135 horsepower. (Specify as nonmilitary, whether wheel or tracklaying type, and horsepower.)[3]	.....	CONS 8	XYZ	—	—	100	B

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[1] Report dryers in "number."

[2] Possessing or built to current military specifications differing materially from normal commercial specifications.

[3] For export control purpose, the horsepower to be used is the horsepower at the flywheel that the basic engine (with fan, water pump and oil pump) is capable of producing at governed speed, corrected to standard conditions of 60° F. and barometer (dry) of 29.92 inches of mercury.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71931 Parts and attachments, *excluding cabs and cab guards* (*canopy tops*), specially fabricated for nonmilitary type integral tractor-shovel loaders of 135 horsepower and over. (Specify as nonmilitary, whether wheel or tracklaying type, and horsepower.) [1]	.....	CONS 2	VWXYZ	—	1,000	—	E–11
71931 Oilfield derricks, platforms, and substructures; casinghead and christmas tree assemblies less than 2,000 psi; and specially designed parts, n.e.c.	.....	CONS 8	XYZ	—	—	100	B
71931 Other oil and gas field equipment, n.e.c.; and specially designed parts and accessories, n.e.c. (Specify by name.) [Report rotary well drilling machines and parts in Export Control Commodity No. 71842, and if truck mounted in No. 73203; report oil and gas separators other than field production units in No. 71923.]	.....	CONS 2	VWXYZ	—	1,000	—	E–12
71931 Overhead hoists, pendant type; and parts...	.....	CONS 8	Z	—	—	—	B
71931 Jacks for automotive vehicles; and parts n.e.c.	.....	TRAN 8	XYZ	—	—	100	B
71931 Construction jacks, and drill jacks; and parts.	.....	CONS 8	XYZ	—	—	100	B
71931 Other hand-operated, mechanical and hydraulic jacks; and parts.	.....	FINP 8	XYZ	—	—	100	B
71931 Farm elevators; and parts.....	.....	AGSU 8	YZ	—	—	—	B
71931 Elevators and moving stairways; and parts.	.....	CONS 8	YZ	—	—	—	B
71931 Other lifting, loading, and conveying machinery and equipment; and parts.	.....[2]	CONS 8	XYZ	—	—	100	B
71932 Military type industrial tractors and lift trucks.[3]	No.	CONS 1	TVWXYZ	500	—	—	A
71932 Nonmilitary type industrial tractors and lift trucks powered by internal combustion engine, under 135 horsepower. (Specify as nonmilitary, whether tractor or lift truck, and horsepower.) [1]	No.	CONS 8	XYZ	—	—	100	B
71932 Non-military type industrial tractors and lift trucks powered by internal combustion engine, 135 horsepower and over. (Specify as nonmilitary, whether tractor or lift truck and horsepower.) [1]	No.	CONS 2	VWXYZ	—	—	—	E–11
71932 Parts specially designed for military type industrial tractors and lift trucks.[3]	.....	CONS 1	TVWXYZ	500	—	—	A

[1] For export control purposes, the horsepower to be used is the horsepower at the flywheel that the basic engine (with fan, water pump and oil pump) is capable of producing at governed speed, corrected to standard conditions of 60° F. and barometer (dry) of 29.92 inches of mercury.
[2] Report complete machines (assembled or unassembled) in "number."
[3] Possessing or built to current military specifications differing materially from normal commercial specifications.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71932 Parts and accessories specially fabricated for nonmilitary industrial tractors and lift trucks, under 135 horsepower. (Specify whether for tractor or lift truck, and horsepower.)[1]	.....	CONS 8	XYZ	—	—	100	B
71932 Parts and accessories, *excluding cabs and cab guards (canopy tops)*, specially fabricated for nonmilitary industrial tractors and lift trucks of 135 horsepower and over. (Specify whether for tractor or lift truck, and horsepower.)[1]	.....	CONS 2	VWXYZ	—	1,000	—	E-11
71932 Other industrial trucks, tractors and portable elevators of a kind used for moving goods in plants, railway stations and similar installations; and parts.	.....[2]	CONS 8	XYZ	—	—	100	B
71941 Butter churns, farm type; and parts.....	.....	AGSU 8	YZ	—	—	—	B
71941 Other domestic food-processing appliances, nonelectric; and parts.	.....	FINP 8	Z	—	—	—	B
71942 Condensers and evaporators for nonelectric domestic refrigerators; and parts.	.....	FINP 8	XYZ	—	—	100	B
71942 Domestic type refrigerators and freezers, nonelectric; and parts.	.....	FINP 8	Z	—	—	—	B
71943 Domestic water heaters, nonelectric; and parts.	.....[3]	FINP 8	Z	—	—	—	B
71951 Optical curve generators capable of producing asphirical curves without the use of mating surfaces.	.....	GIEQ 2	VWXYZ	—	100	—	
71951 Cutting machines for ceramics and similar nonmetallic materials, *excluding quartz crystal, masonry or stone.* [Report parts in Export Control Commodity No. 71954.]	.....	GIEQ 8	YZ	—	—	—	B
71951 Other machine tools, n.e.c., for working asbestos-cement, ceramics, concrete, quartz crystals, masonry, stone (including artificial precious and semiprecious stones), and similar mineral materials. [Report parts in Export Control Commodity No. 71954.]	.....	CONS 8	XYZ	—	—	100	B
71952 Sawmill machines and equipment, and other woodworking machines (including machines for working cork). [Report parts in Export Control Commodity No. 71954.]	.....[2]	GIEQ 8	Z	—	—	—	B
71952 Machines, n.e.c., for working bone, ebonite, hard plastics, and other hard carving materials. [Report parts in Export Control Commodity No. 71954.]	No.	GIEQ 8	XYZ	—	—	100	B

[1] For export control purposes, the horsepower to be used is the horsepower at the flywheel that the basic engine (with fan, water pump and oil pump) is capable of producing at governed speeds, corrected to standard conditions of 60° F. at barometer (dry) of 29.92 inches of mercury.

[2] Report complete machines (assembled or unassembled) in "number."

[3] Report gas waters heaters in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71953 Portable drilling machines, pneumatic or hydraulic, capable of tapping steel line pipe of a size greater than 19 inches o.d. without interruption of flow; and specially designed parts and attachments.	.....[1]	TOOL 2	VWXYZ	—	—	—	
71953 Other power operated nonelectric hand tools, metalworking; and parts and attachments.	.....[1]	TOOL 8	WXYZ	—	—	100	B
71953 Hydraulic vibrators; hand-held chain saws, powered; and lubricating equipment, force-feed, pneumatic; and parts and attachments.	.....[1]	GIEQ 8	Z	—	—	—	B
71953 Portable rock drills, and other power-operated nonelectric hand tools; and parts and attachments.	.....[1]	CONS 8	XYZ	—	—	100	B
71954 Electronic closed loop control systems for machine tools in which a continuous feedback of information from the actual operation results in continuous correction of control commands, *excluding those control systems designed solely for positioning operations.* (See § 399.2, Interpretation 7.)	No.	TOOL 1	TVWXYZ	500	100	—	A
71954 Electronic closed loop control systems for machine tools, designed solely for positioning operations.	No.	TOOL 2	TVWXYZ	500	100	—	
71954 Broaching tools specially designed for the production of arms, munitions and implements of war.	.....	TOOL 1	TVWXYZ	500	—	—	A
71954 Broaching tools specially designed for production of jet engine blades and engine discs.	.....	TOOL 2	TVWXYZ	500	500	—	
71954 Other surface broaching tools.....	.....	TOOL 2	TVWXYZ	500	500	—	
71954 Grinding heads and spindle assemblies for grinding machines designed or rated for operation at speeds in excess of 120,000 r.p.m.	.....	TOOL 1	TVWXYZ	500	—	—	A
71954 Grinding heads and spindle assemblies for grinding machines designed or rated for operation at speeds from 80,000 r.p.m. up to and including 120,000 r.p.m.	.....	TOOL 2	TVWXYZ	500	250	—	
71954 Parts, accessories, and attachments specially designed for bomb nose and tail forging machines.	.....	TOOL 1	TVWXYZ	500	—	—	A
71954 Parts, accessories, and attachments specially designed for electron beam machines, *excluding equipment using the "sparking" technique.*	.....	ELME 1	TVWXYZ	500	—	—	A

[1] Report complete machines, rock drills, and other tools (assembled or unassembled) in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71954 Parts, accessories, and attachments specially designed for artillery molding and casting machines, *excluding centrifugal casting machines for casting tubes 6 feet long and over with wall thickness of 2 inches and over.*	.....	TOOL 1	TVWXYZ	500	—	—	A
71954 Military type jigs, fixtures, and plate metalworking accessories; and specially designed parts.	.....	TOOL 1	TVWXYZ	500	100	—	A
71954 Parts, accessories, and attachments specially designed for other metalworking machines and machine tools (Export Control Commodity No. 71510) which are subject to the Import Certificate/Delivery Verification procedure.	.....	TOOL 1	TVWXYZ	500	500	—	A
71954 Hollow deep-hole drills.....	.....	TOOL 2	TVWXYZ	500	500	—	
71954 Parts, accessories, and attachments specially designed for flame cutting machines with tracer heads designed for or equipped with electronic closed loop control systems designed solely for positioning operations.	.....	TOOL 2	TVWXYZ	500	500	—	
71954 Parts, accessories, and attachments specially designed for other metalworking machines and machine tools (Export Control Commodity No. 71510) requiring a validated license to all countries, except Canada, but not subject to the Import Certificate/Delivery Verification procedure.	.....	TOOL 2	TVWXYZ	1,000	1,000	—	
71954 Parts, accessories, and attachments specially designed for spinforming machines with drive motors 15 up to and including 25 horsepower.	.....	TOOL 2	VWXYZ	—	500	—	
71954 Parts, accessories, and attachments specially designed for other metalworking machines and machine tools (Export Control Commodity No. 71510) requiring a validated license to all destinations except Country Group T destinations.	.....	TOOL 2	VWXYZ	—	1,000	—	
71954 Other parts, accessories, and attachments for metalworking machines and machine tools, *excluding for single-spindle automatic chucking lathes and single-spindle between-center lathes; and manually operated bench and floor types of metal polishing and buffing machines.*	.....	TOOL 8	WXYZ	—	—	100	B
71954 Parts, accessories, and attachments for single-spindle automatic chucking lathes and single-spindle between-center lathes.	.....	TOOL 8	XYZ	—	—	100	B
71954 Parts, accessories, and attachments for metal-polishing and buffing machines, manually operated bench and floor types.	.....	TOOL 8	Z	—	—	—	B

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71954 Parts, accessories, and attachments for cutting machines for ceramics and similar nonmetallic materials, *excluding glass, quartz crystal, masonry or stone.*	.....	GIEQ 8	YZ	—	—	—	B
71954 Parts, accessories, and attachments for other machines for working asbestos-cement, ceramics, concrete, glass (in the hard state), quartz crystals, stone (including artificial precious and semiprecious stones), and similar mineral materials.	.....	CONS 8	XYZ	—	—	100	B
71954 Parts, accessories, and attachments for machines for working bone, ebonite, hard plastics, and other hard carving materials, *excluding wood and cork.*	.....	GIEQ 8	XYZ	—	—	100	B
71954 Parts, accessories, and attachments for sawmill machines and other woodworking machines (including machines for working cork).	.....	GIEQ 8	Z	—	—	—	B
71961 Calendering machines and similar rolling machines for textile machinery; and parts, n.e.c.	.....	GIEQ 8	Z	—	—	—	B
71961 Other calendering machines and similar rolling machines n.e.c.; and parts.	.....	GIEQ 8	XYZ	—	—	100	B
71962 Dishwashing machines, household type; and parts.	.....[1]	FINP 8	Z	—	—	—	B
71962 Dishwashing machines, commercial; and parts.	.....	GIEQ 8	Z	—	—	—	B
71962 Bottling machines (washing, filling, closing, labeling); packaging, wrapping, filling and sealing machines; and parts and attachments, n.e.c.	.....[2]	GIEQ 8	Z	—	—	—	B
71963 Railroad track, motor truck, and industrial beam scales.	No.	FINP 8	XYZ	—	—	100	B
71963 Postaletts®; and household and person weighing scales, including coin-operated.	No.	FINP 8	Z	—	—	—	B
71963 Other retail, commercial, mailing and parcel post, and industrial scales, n.e.c.	No.	FINP 8	YZ	—	—	—	B
71963 Weights for laboratory, analytical or pharmaceutical scales and balances.	.....	FINP 8	Z	—	—	—	B
71963 Lead scale weights for other weighing machines.	.....	FINP 8	XYZ	—	—	100	B
71963 Other parts and accessories, n.e.c., for scales.	.....	FINP 8	Z	—	—	—	B
71964 Hydra-blast parts cleaners, and parts; and windshield washer sets.	.....	TRAN 8	XYZ	—	—	100	B
71964 Foundry blast cleaning machines and other metal cleaning machines, and parts.	.....	TOOL 8	WXYZ	—	—	100	B
71964 Sprayers and dusters, agricultural and pesticidal, power and hand operated; and parts.	.....[3]	AGSU 8	YZ	—	—	—	B

® Trademark registered in the Patent Office of the United States.
[1] Report complete machines (assembled or unassembled) in "number."
[2] Report machines, except tobacco packaging and wrapping machines, in "number."
[3] Report complete sprayers, and dusters (assembled or unassembled) in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71964 Chemical fire extinguishers, and parts; and automatic fire extinguisher sprinkler systems, and parts, n.e.c.	.....	SATE 8	Z	—	—	—	B
71964 Other blowguns and hand-operated spray guns, and parts.	.....[1]	FINP 8	YZ	—	—	—	B
71964 Paint spraying machines; and parts.....	.....	GIEQ 8	Z	—	—	—	B
71964 Spray nozzles of hard rubber.....	.....	RUBR 8	Z	—	—	—	B
71964 Street flushing units for truck mounting....	.....	CONS 8	Z	—	—	—	B
71964 Spray nozzles, other than industrial, of metal, *except copper base alloy;* and sand blast nozzles of high alumina ceramics.	.....	MINL 8	Z	—	—	100	B
71964 Other spray nozzles of metal.....	.....	FINP 8	XYZ	—	—	100	B
71964 Cement guns; and flame throwers for snow or ice.	.....	CONS 8	XYZ	—	—	100	B
71964 Other industrial spraying equipment; and parts.	.....	GIEQ 8	XYZ	—	—	100	B
71965 Automatic merchandising machines, mechanically refrigerated; and parts.	.....[2]	GIEQ 8	Z	—	—	—	B
71965 Automatic merchandising machines, not mechanically refrigerated; and parts.	.....[2]	FINP 8	Z	—	—	—	B
71966 Railway track fixtures and fittings, n.e.c...	.....	STEE 8	Z	—	—	—	B
71966 Railway mechanical signalling equipment; and parts.	.....	CONS 8	XYZ	—	—	100	B
71970 Ball bearings and cylindrical roller bearings with inner bore diameter of 10 millimeters or less, having tolerances of BEC 5 or closer (for example, BEC 5, 7, or 9) *and* having either or both of the following characteristics: (a) rings, balls or rollers made from any material, *excluding SAE 52100 steel, SAE 4615 steel, or low carbon steel containing 0.06 up to and including 0.18 percent carbon,* or (b) designed for use at normal operating temperatures over 302°F. (150°C.) (specify tolerance); and specially designed parts.[3]	.....	GIEQ 1	TVWXYZ	500	100	—	A
71970 Ball and roller bearings specially designed for service at temperatures below minus 130° C. (minus 202° F.); and specially designed parts.	.....	GIEQ 2	TVWXYZ	500	100	—	

[1] Report complete sprayers and blowguns (assembled or unassembled) in "number."
[2] Report complete machines (assembled or unassembled) in "number."
[3] Tolerances based on standards as adopted by the Anti-Friction Bearing Manufacturers' Association. If the exporter does not know whether a shipment of bearings has these tolerances, the manufacturer of the bearings will be able to provide the information.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71970 Ball bearings and cylindrical roller bearings, *excluding separable ball bearings and thrust ball bearings*, with inner bore diameter exceeding 10 millimeters, having tolerances of BEC 7 or closer *and* having either of the following characteristics: (a) rings, balls or rollers made from any material *excluding SAE 52100 steel, SAE 4615 steel, or low carbon steel containing 0.06 up to and including 0.18 percent carbon*, or (b) designed for use at normal operating temperatures over 302°F. (150°C) (specify tolerance); and specially designed parts.[1]	.....	GIEQ 1	TVWXYZ	500	100	—	A
71970 Other ball and cylindrical roller bearings having tolerances of BEC 5 or closer (specify tolerance); and specially designed parts.[1]	.....	GIEQ 2	TVWXYZ	500	500	—	E-9
71970 Tapered, spherical or thrust roller bearings with inner bore diameter above 400 millimeters (specify type and inner bore diameter); and specially designed parts.	.....	GIEQ 2	TVWXYZ	500	100	—	E-9
71970 Other ball and roller bearings, aircraft type; and specially designed parts.	.....	GIEQ 2	TVWXYZ	1,000	1,000	—	E-9
71970 Other ball and roller bearings with inner bore diameter 10 mm. and under or 200 mm. and over; and specially designed parts.	.....	GIEQ 8	WXYZ	—	—	100	B
71970 Other ball and roller bearings; and parts.	.....	GIEQ 8	XYZ	—	—	100	B
71980 Concrete floor finishing machines; buggies; concrete vibrators; and rotary finishers; and parts.	.....	CONS 8	YZ	—	—	—	B
71980 Other concrete and bituminous pavers, finishers, and spreaders; and parts.	.....	CONS 8	XYZ	—	—	100	B
71980 Electron beam equipment for the deposition of thin film, the coating of thin film, or the working thereof, *excluding equipment using the "sparking" technique; or continuous vacuum roll coating machines having a voltage not in excess of 20 kilovolts, having a fixed electron beam gun and no accurate control of the thickness of the deposited layer;* and specially designed parts.	.....	GIEQ 1	TVWXYZ	500	—	—	A
71980 Metal finishing, cleaning, and coating machines, n.e.c.; and parts.	.....	TOOL 8	WXYZ	—	—	100	B
71980 Machines for applying insulating separators to the inner conductor of air spaced coaxial electric cable; and specially designed parts and accessories, n.e.c.	.....	TOOL 1	TVWXYZ	500	500	—	A
71980 Machines for applying metal strip or sheet to form the outer conductor of coaxial electric cable; and specially designed parts and accessories, n.e.c.	.....	TOOL 1	TVWXYZ	500	500	—	A

[1] Tolerance based on standards as adopted by the Anti-Friction Bearing Manufacturers' Association. If the exporter does not know whether a shipment of bearings has these tolerances, the manufacturer of the bearings will be able to provide the information.

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				T	V	X	
71980 Machines for forming, stranding, or assembling coaxial cable, with or without conductors other than coaxial tubes; and specially designed parts and accessories, n.e.c.	.....	TOOL 1	TVWXYZ	500	500	—	A
71980 Machines for applying insulating material to conductors over 0.9 mm. in diameter of multipair electric telecommunication cables; and specially designed parts and accessories, n.e.c.	.....	TOOL 1	TVWXYZ	500	500	—	A
71980 Machines for applying insulating material to conductors 0.9 mm. or less in diameter of multipair electric telecommunication cables; and specially designed parts and accessories, n.e.c.	.....	TOOL 2	TVWXYZ	500	500	—	
71980 Machines for laying together conductors over 0.9 mm. in diameter for multipair telecommunication cables and/or applying insulating, separating, binding, or identifying material thereto; and specially designed parts and accessories, n.e.c.	.....	TOOL 1	TVWXYZ	500	500	—	A
71980 Machines for laying together conductors 0.9 mm. or less in diameter for multipair telecommunication cables and/or applying insulating, separating, binding, or identifying material thereto; and specially designed parts and accessories, n.e.c.	.....	TOOL 2	TVWXYZ	500	500	—	
71980 Machines for laying together conductors over 0.9 mm. in diameter (pairs, quads, etc.) to form complete cable core or a part thereof; and specially designed parts and accessories, n.e.c.	.....	TOOL 1	TVWXYZ	500	500	—	A
71980 Machines for laying together conductors 0.9 mm. or less in diameter (pairs, quads, etc.) to form complete cable core or a part thereof; and specially designed parts and accessories, n.e.c.	.....	TOOL 2	TVWXYZ	500	500	—	
71980 Assembling jigs and fixtures for military equipment; and specially designed parts and accessories, n.e.c.	.....	GIEQ 1	TVWXYZ	500	—	—	A
71980 Automatic or semi-automatic manufacturing and assembling machines (specify by name), for the production of transistors and crystal diodes (including parts and sub-assemblies); and specially designed parts and accessories, n.e.c.	.....	GIEQ 1	TVWXYZ	500	100	—	A
71980 Bullet and cartridge manufacturing machines; and specially designed parts and accessories, n.e.c.	.....	GIEQ 1	TVWXYZ	500	500	—	A
71980 Cartridge and/or shell loading or filling machines; and specially designed parts and accessories, n.e.c.	.....	GIEQ 1	TVWXYZ	500	500	—	A
71980 Equipment, n.e.c., for the production of military explosives or solid propellants (specify by name); and specially designed parts and accessories, n.e.c.	.....	GIEQ 1	TVWXYZ	500	100	—	A

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71980 Filament winding machines designed for or modified for the manufacture of rigid structural forms by precisely controlled tensioning and positioning of filament yarns, tapes, or rovings; and specially designed parts, controls, and accessories, n.e.c.	.....	GIEQ 2	TVWXYZ	500	100	—	
71980 Equipment for the manufacture of semiconductor materials as follows: (a) equipment specially designed for the production or processing of dendritic forms of any semiconductor material or combination thereof, suitable for use in diodes or transistors, or (b) equipment specially designed or modified to be capable of purifying or processing one or more semiconductor materials, *excluding equipment specially designed for the zone purification of germanium;* and specially designed parts and accessories, n.e.c.	.....	GIEQ 1	TVWXYZ	500	—	—	A
71980 Stenters (tenters) specially designed for stretching (a) synthetic film (including metallized) suitable for dielectric use (condenser tissue), or (b) magnetic recording tape, *except tape designed for voice and music only;* and specially designed parts, n.e.c. (Give detailed specifications of film to be produced.)	.....	GIEQ 1	TVWXYZ	500	—	—	A
71980 Stenters (tenters) specially designed for stretching other synthetic film; and specially designed parts, n.e.c. (Give detailed specifications of film to be produced.)	.....	GIEQ 2	TVWXYZ	500	—	—	
71980 Coating machines specially designed for the continuous production of polyester base magnetic tape; and specially designed parts therefor. (Give detailed specifications of magnetic tape to be produced.)	.....	GIEQ 1	TVWXYZ	500	—	—	A
71980 Equipment specially designed for the zone purification of germanium, and specially designed parts, n.e.c.	.....	GIEQ 2	TVWXYZ	500	500	—	
71980 Powder cutting machines with feed rolls geared to rotating cutter blades; and specially designed parts and accessories, n.e.c.	.....	GIEQ 1	TVWXYZ	500	100	—	A
71980 Shell shot automatic blasting machines; and specially designed parts and accessories, n.e.c.	.....	GIEQ 1	TVWXYZ	500	500	—	A
71980 Equipment specially designed to produce electronic assemblies by: (a) depositing or printing on insulating panels, plates, or wafers or by otherwise forming *in situ* component parts other than basic wiring, (b) automatically inserting and/or soldering components on insulating panels,	.....	GIEQ 1	TVWXYZ	500	—	—	A

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				T	V	X	
plates, or wafers to which wiring is applied by printing or other means, or (c) automatically or semi-automatically assembling, wiring, and/or packaging mounted modular insulated panels, plates or wafers referred to in (a) and (b) above (specify by name); and specially designed parts and accessories, n.e.c. [Report cameras in Export Control Commodity No. 86140.]							
71980 Sweetie barrels, revolving type, 5 feet or more in maximum diameter; and specially designed parts and accessories, n.e.c.	.....	GIEQ 1	TVWXYZ	500	100	—	A
71980 Continuous mixers for solid propellants; and specially designed parts and accessories, n.e.c.	.....	GIEQ 1	TVWXYZ	500	100	—	A
71980 Nitrators, continuous types, and specially designed parts and accessories, n.e.c.	.....	GIEQ 1	TVWXYZ	500	100	—	A
71980 Processing vessels specially designed for use at temperatures below minus 130° C. (minus 202° F.); and specially designed parts and accessories, n.e.c.	.....	GIEQ 2	TVWXYZ	500	100	—	
71980 Dehydration presses, double opposed hydraulic ram type; and specially designed parts and accessories, n.e.c.	.....	GIEQ 1	TVWXYZ	500	100	—	A
71980 Extrusion presses, hydraulic ram and closure type; and specially designed parts and accessories, n.e.c.	.....	GIEQ 1	TVWXYZ	500	100	—	A
71980 Other presses, power-driven, n.e.c., specially designed for the production of military explosives or solid propellants; and specially designed parts and accessories, n.e.c.	.....	GIEQ 1	TVWXYZ	500	100	—	A
71980 Vacuum metallizing machinery specially designed for the continuous coating of polyester dielectric film for condensers; and specially designed parts therefor.	.....	GIEQ 1	TVWXYZ	500	—	—	A
71980 Nitrators, batch type, with capacity of 125 Imperial gallons or more; and specially designed parts and accessories, n.e.c.	.....	GIEQ 8	WXYZ	—	—	100	B
71980 Other processing vessels mixing or non-mixing, having all flow-contact surfaces made of or lined with any of the following materials: (a) 90 percent or more tantalum, titanium, or zirconium either separately or combined; (b) 50 percent or more cobalt, molybdenum, nickel or tungsten either separately or combined; (c) 13 percent or more silicon; (d) steel alloys containing any combination of chromium, with either or both molybdenum or tungsten in which the sum of the alloying elements exceeds 3 percent of the total; (e) 2.5 percent or more nickel; (f) fluoro and/or	.....	GIEQ 8	WXYZ	—	—	100	B

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				T	V	X	
silico resins; (g) glass (acid-, heat-, or shock-resistant); (h) ceramics; (i) carbon; (j) graphite; or (k) acid/heat resistant cement; and specially designed parts and accessories, therefor.							
71980 Standard equipment designed for automatic or semiautomatic gettering of standard entertainment-type 7-pin miniature and 9-pin noval tubes.	.....	GIEQ 2	TVWXYZ	500	100	—	
71980 Other machines and mechanical appliances, *the following only:* abrasive circulators; abrasive coating machines; assembling fixtures, production, *excluding those for production of military equipment;* BRI (Basic Refractories Injection) guns; cordage-making machines; line-traveling coating and wrapping machines for pipes and tubes; Permanent Magnet Ferro Filters®; pipe line cleaning machines; rubber-extruding machines; tire-building machines; tire recapping and repairing machines; rubber processing and rubber products manufacturing machines, n.e.c.; vegetable oil mill machines (other than margarine processing machines); waxing machines, industrial; welding rod brushing machines; and welding rod feeders; and parts, n.e.c.	.....	GIEQ 8	YZ	—	—	—	B
71980 Other machines and mechanical appliances, *the following only:* boiler room specialty tools; briquetting presses; broom-making machines, *excluding broom-sewing;* brush-making machines; button covering machines; button making machines, n.e.c.; candle making machines; casket lowering devices; cigarette-making, cigar making, and other tobacco processing machines; clay guns; cleaning machines, steam; cleaning units, sack; creosoting equipment, for wood products; electric paint mixers; fish reduction machines, for the manufacture of fish meal for animal feed; flame arrestors; floor finishers, industrial type; floor sanders, n.e.c., industrial type; floor scrubbing machines; floor surfacers, industrial type; fluorescent lamp disposal units; fumigation chambers; fur-blowing machines; fur-treating machines; garbage burners, and garbage grinders, industrial and commercial; hat-blocking machines, n.e.c., hat-making machines, n.e.c.; ice breakers; ice-crusher slingers; ice saw and drill machines, combination type, engine driven; incinerators, industrial and commercial; linoleum making machines; measureograph machines for measuring cloth; nutters; paint markers for marking	.....	GIEQ 8	Z	—	—	—	B

® Trademark registered in the Patent Office of the United States.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
pavement; pin ticketing machines (tag-to-product applying); reels, hose and cable, power operated; refrigerant charging apparatus, automatic; shoelace tipping machines; smoke generators, *excluding military;* stone products manufacturing machines, n.e.c.; tank-cleaning machines; toothbrush manufacturing machines; tube cleaners; tube expanders, maintenance type; vacuum cleaners, industrial type; vibrating paper joggers; vibrators, hydraulic; wall-board plaster core machines; watch-cleaning machines; and zipper manufacturing machines; and parts, n.e.c.							
71980 Windshield wipers, nonelectric, and parts, n.e.c.	.....	TRAN 8	XYZ	—	—	100	B
71980 Shock absorbers, mechanical or hydraulic..	.....	FINP 8	YZ	—	—	—	B
71980 Carpet sweepers, hand.....	.....	FINP 8	Z	—	—	—	B
71980 Other machines and mechanical appliances, n.e.c., and parts, n.e.c.	.....	GIEQ 8	XYZ	—	—	100	B
71991 Molding boxes and molds for artillery molding or casting.	No.	TOOL 1	TVWXYZ	500	—	—	A
71991 Other metal foundry boxes and molds, excluding ingot molds. [Report ingot molds in Export Control Commodity No. 71521.]	No.	TOOL 8	WXYZ	—	—	100	B
71991 Molds, n.e.c.	No.	GIEQ 8	XYZ	—	—	100	B
71992 Valves, 1 inch or more in diameter, fitted with bellows seal, *and wholly made of or lined with* aluminum, nickel, or alloy containing 60 percent or more nickel, *excluding those having metal to metal seats;* and specially designed parts. (Give full specifications.)	.....[1]	GIEQ 1	TVWXYZ	500	100	—	A
71992 Valves, cocks, or pressure regulators designed to operate at temperatures below minus 170° C. (minus 270° F); or with *all* flow contact surfaces *made of or lined with* any of the following materials: (a) 90 percent or more tantalum, titanium, or zirconium, either separately or combined, (b) 50 percent or more cobalt or molybdenum, either separately or combined, (c) polytetrafluoroethylene, or (d) polytrifluorochloroethylene; and specially designed parts. (Give full specifications.)	.....[1]	GIEQ 1	TVWXYZ	500	100	—	A
71992 Valve parts and accessories wholly made of fluorocarbon polymers or copolymers. (See § 399.1, Interpretation 22.)	.....	GIEQ 1	TVWXYZ	500	100	—	A
71992 Other valves fitted with bellows seal, *and wholly made of or lined with* aluminum, nickel, or alloys containing 60 percent or more nickel; and specially designed parts. (Give full specifications.)	.....[1]	GIEQ 2	TVWXYZ	500	100	—	E-9

[1] Report complete non-automatic valves (assembled or unassembled) in "pound," and automatic control valves in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71992 Other valves, cocks, or pressure regulators designed to operate at temperatures below minus 130° C. down to and including minus 170° C; or *incorporating any* of the following materials: (a) 90 percent or more tantalum, titanium, or zirconium, either separately or combined, or (b) 50 percent or more cobalt or molybdenum, either separately or combined; and specially designed parts. (Give full specifications.)	.....[1]	GIEQ 2	TVWXYZ	500	100	—	E-9
71992 Valves specially designed for temporary stopping off or plugging a section of steel line pipe of a size greater than 19 inches o.d.; and specially designed parts.	.....[1]	GIEQ 2	VWXYZ	—	100	—	E-9
71992 Other steel valves with inlet or outlet diameter 17 inches or greater *and* designed for a working pressure of over 300 psi; and specially designed parts.	.....[1]	GIEQ 2	VWXYZ	—	100	—	E-9
71992 Mud valves, working pressure 600 psi or over specially designed for rotary drill rigs *excluding core drill rigs;* and specially designed parts.	.....[1]	CONS 6	VWXYZ	—	100	—	E-12
71992 Plumbing and heating valves, and other plumbing fixture fittings; and parts.	.....[2]	FINP 8	Z	—	—	—	B
71992 Other taps, cocks, valves and similar appliances, n.e.c., and parts.	.....[1]	GIEQ 8	XYZ	—	—	100	B
71993 Power transmission equipment, mechanical, pneumatic, and hydraulic, n.e.c.; and parts. [Report unmounted ball and roller bearings in Export Control Commodity No. 71970.]	.....[3]	GIEQ 8	XYZ	—	—	100	B
71994 Gaskets (joints) made of polypyromellitimide, polybenzimidazole, or wholly made of fluorocarbon polymers or copolymers.[4]	.....	RESN 3	TVWXYZ	500	25	—	A E-3
71994 Gaskets (joints), laminated metal and polytetrafluoroethylene or polytrifluoroechloroethylene.	.....	RESN 4	TVWXYZ	500	25	—	E-3
71994 Other gaskets (joints), laminated metal and nonmetal material, or set of gaskets of two or more materials.	.....	FINP 8	YZ	—	—	—	B
71999 Ships' propellers; and paddle-wheels for boats.	.....	CONS 8	XYZ	—	—	100	B

[1] Report complete non-automatic valves (assembled or unassembled) in "pound." and automatic control valves in "number."
[2] Report complete valves (assembled or unassembled) in "pound."
[3] Report mounted ball and roller bearings, and plain bearings in "number."
[4] See § 399.1, Interpretation 22.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
71999 Machine parts, n.e.c., chief value iron or steel.	.....	STEE 8	YZ	—	—	—	B
71999 Machine parts, n.e.c., chief value textile material.	.....	TEXT 8	YZ	—	—	—	B
71999 Machine parts, n.e.c., chief value asbestos, leather, or cork.	.....	TEXT 8	Z	—	—	—	B
71999 Other machine parts, n.e.c.	.....	FINP 8	XYZ	—	—	100	B
ELECTRICAL MACHINERY, APPARATUS, AND APPLIANCES							
72210 Synchronous motors of any horsepower rating possessing *any* of the following characteristics: (a) of size 30 (3 inches in diameter) and smaller having synchronous speeds in excess of 3,000 rpm, (b) designed to operate below minus 10° C. or above plus 55° C., (c) designed to operate from power sources of more than 400 cycles, or (d) of size 11 (1.1 inches in diameter) or smaller. (Specify by name and model number.)	No.	ELME 1	TVWXYZ	500	100	—	A
72210 Direct current and alternate current torquers, i.e., torque motors specially designed for gyros and stabilized platforms. (Specify by name and model number.)	No.	ELME 1	TVWXYZ	500	100	—	A
72210 Electric motors over 1,000 horsepower, reversing type, liquid cooled and totally enclosed. (Specify by rating, A.C. or D.C.)	No.	ELME 1	TVWXYZ	500	—	—	A
72210 Other synchronous motors, n.e.c., of any rating, having synchronous speeds in excess of 3,000 rpm. (Specify by name and model number.)	No.	ELME 2	TVWXYZ	500	—	—	
72210 Electric motors, any horsepower from 1 horsepower and up, specially designed for metal rolling mills included under Export Control Commodity No. 71522 and not identified by the symbol "B" in the last column of the Commodity Control List. (Specify horsepower and type of mill.)	No.	ELME 2	VWXYZ	—	—	—	E-6
72210 Electric motors, D.C. and A.C., specially designed for aircraft. (Specify electrical characteristics and horsepower.)	No.	TRAN 2	TVWXYZ	500	500	—	E-2
72210 Other electric motors, 12,500 horsepower and over. (Specify horsepower, A.C. or D.C.)	No.	ELME 8	WXYZ	—	—	100	B

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
72210 Parts and accessories specially designed for the motors under Export Control Commodity No. 72210 which are subject to the Import Certificate/Delivery Verification procedure. (Specify model number and characteristics of motor.)	.....	ELME 1	TVWXYZ	500	500	—	A
72210 Parts and accessories specially designed for the motors under Export Control Commodity No. 72210 which require a validated license to all destinations but are not subject to the Import Certificate/Delivery Verification procedure. (Specify model number and characteristics of motor.)	.....	ELME 2	TVWXYZ	500	500	—	
72210 Parts and accessories specially designed for the motors under Export Control Commodity No. 72210 for which a validated license is required to all destinations except Country Group T destinations. (Specify model number and characteristics of motor.)	.....	ELME 2	VWXYZ	—	500	—	
72210 Other parts and accessories for motors under Export Control Commodity No. 72210.	Export controls applicable to commodities included in this entry are those which apply to the motor for which the parts and accessories are designed.						
72210 Electrical power equipment specially designed for aircraft (for example, regulators, rectifiers, converters, inverters, magnetic amplifiers, transformers, etc.) (Specify by name.)	No.	TRAN 2	TVWXYZ	500	500	—	E-2
72210 Parts specially designed for aircraft electrical power equipment.	.....	TRAN 2	TVWXYZ	500	500	—	E-2
72210 Generators and turbine-generator sets specially designed for use with nuclear reactors. (Specify name, type and rating.)	No.	ELME 1	TVWXYZ	500	—	—	A
72210 Electric power generating mobile units of 5,000 kilowatts or over. (Specify rating.)	No.	ELME 2	TVWXYZ	500	—	—	
72210 Generators and generator sets of 200,000 kilowatts or over. (Specify name, type, and rating.)	No.	ELME 2	VWXYZ	—	—	—	
72210 Other generators and generating sets of ½ kilowatt or over.	No.	ELME 8	WXYZ[1]	—	—	100	B
72210 Parts and accessories specially designed for nuclear reactor generators and generator sets. (Specify by name.)	.....	ELME 1	TVWXYZ	500	500	—	A
72210 Parts and accessories specially designed for electric power generating mobile units of 5,000 kilowatts or over. (Specify by name and rating of primary equipment.)	.....	ELME 2	TVWXYZ	1,000	1,000	—	E-6

[1] A validated export license is also required for any exportation to Indonesia of generators and generating sets of ½ kilowatt to 5,000 kilowatts.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
72210 Parts and accessories specially designed for generators and generator sets of 200,000 kilowatts or over. (Specify by name and rating.)	.....	ELME 2	VWXYZ	—	1,000	—	E-6
72210 Parts and accessories for other electric power generators and generator sets of ½ kilowatt or over.	.....	ELME 8	WXYZ	—	—	100	B
72210 Motor generator sets and synchronous condensers, 5,000 kilowatts and over; and parts and accessories, n.e.c., (Specify by name and rating.)	.....[1]	ELME 8	WXYZ	—	—	100	B
72210 Other generators, motors, and rotary converters; and parts. (Specify by name and rating.)	.....[1]	ELME 8	XYZ	—	—	100	B
72210 Electronic transformers, coils, reactors, and chokes designed for and/or capable of reliable performance in relation to their electrical and mechanical characteristics and maintaining their design service lifetime while operating over the whole range of ambient temperatures from below minus 45° C. to above plus 100° C., or at ambient temperatures of 200° C., or higher (specify by name and type number); and specially designed parts. (Specify by name.)	.....[2]	RARA 1	TVWXYZ	500	250	—	A
72210 Pulse transformers specially designed for modulators capable of providing electrical impulses of peak power exceeding 200 kilowatts or of a duration of less than 0.1 microsecond, or a duty cycle in excess of 0.002 (specify by name and type number); and specially designed parts. (Specify by name.)	.....[2]	RARA 1	TVWXYZ	500	100	—	A
72210 Other pulse transformers; and parts. (Specify by name and type number.)	.....[2]	RARA 2	TVWXYZ	500	100	—	
72210 All other electronic transformers; and other coils, reactors, and chokes made of magnetic materials (specify by name and type numbers); and parts. (Specify by name.)	.....[2]	RARA 8	WXYZ	—	—	100	B
72210 Other electronic coils, reactors, and chokes, n.e.c., (specify by name and type number); and parts. (Specify by name).	.....	RARA 8	XYZ	—	—	100	B
72210 Other transformers, current limiting reactors and regulators, n.e.c.; and parts and accessories, n.e.c.	.....[2]	ELME 8	XYZ	—	—	100	B
72210 Nonrotating rectifiers and power supplies; and parts, n.e.c.	.....	ELME 8	XYZ	—	—	100	B

[1] Report complete generators, motors and rotating converters (assembled or unassembled) in "number."
[2] Report complete transformers, fluorescent ballast, current limiting reactors and other regulators (assembled or unassembled) in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
72210 Fluorescent ballasts	No.	FINP 8	XYZ	—	—	100	B
72220 Switchgear, circuit breakers, disconnect switches, fuses, power distribution cutouts, and other switchgear; and parts, n.e.c.	.....	ELME 8	Z	—	—	—	B
72220 Electronic resistors, including potentiometers, designed for and/or capable of reliable performance in relation to their electrical and mechanical characteristics and maintaining their designed service lifetime while operating over the whole range of ambient temperatures from below minus 45° C. to above plus 100° C., or at ambient temperatures of 200° C. or higher. (Specify by name and type number.)	No.	RARA 1	TVWXYZ	500	250	—	A
72220 Potentiometers having *any* of the following characteristics, and special instruments rated to have the same characteristics: (a) linear, having a constant resolution and a rated linearity of 0.1 percent or less, (b) non-linear, having a variable resolution and a rated conformity of 1.0 percent or less, (c) designed for gimbal mounting, or (d) designed to operate below minus 55° C. or above plus 125° C. (Specify by name and type number.)	No.	RARA 1	TVWXYZ	500	100	—	A
72220 Parts, n.e.c., specially designed for the resistors and potentiometers under Export Control Commodity No. 72220, subject to the Import Certificate/Delivery Verification procedure. (Specify name and characteristics of resistors for which designed.)	.....	RARA 1	TVWXYZ	500	250	—	A
72220 Other potentiometers using only switched elements, and parts, n.e.c. (Specify by name and type number.)	.....[1]	RARA 2	TVWXYZ	500	500	—	
72220 Other electronic resistors, and parts, n.e.c. (Specify by name and type number.)	.....[1]	RARA 8	XYZ	—	—	100	B
72220 Special purpose resistance welding controls (electronic or magnetic) for welders specially designed for the manufacture of arms, munitions, or implements of war; and specially designed parts.	.....	ELME 1	TVWXYZ	500	500	—	A
72220 Special purpose control units for power controlled searchlights designed for military use; and specially designed parts.	.....	ELME 1	TVWXYZ	500	100	—	A
72220 Motor controls and accessories specially designed for the motors under Export Control Commodity No. 72210 which are subject to the Import Certificate/Delivery Verification procedure; and specially designed parts. (Specify by name and model number of motor.)	.....	ELME 1	TVWXYZ	500	500	—	A

[1] Report potentiometers and resistors in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
72220 Motor controls and accessories specially designed for the motors under Export Control Commodity No. 72210 which require a validated license to all destinations but are not subject to the Import Certificate/Delivery Verification procedure; and specially designed parts. (Specify by name and model number of motor.)	.....	ELME 2	TVWXYZ	500	500	—	
72220 Motor controls and accessories specially designed for the motors under Export Control Commodity No. 72210 which require a validated license to all destinations except Country Group T destinations; and parts. (Specify by name and model number of motor.)	.....	ELME 2	VWXYZ	—	500	—	E–6
72220 Other motor controls and accessories for motors under Export Control Commodity No. 72210; and parts.	Export controls applicable to commodities included in this entry are those which apply to the motor for which the controls and accessories are designed.						
72220 Electrical control equipment for railway equipment; motors; generators; and parts, n.e.c.	.....	TRAN 8	XYZ	—	—	100	B
72220 Electronic inductive relays designed for and/or capable of reliable performance in relation to their electrical and mechanical characteristics and maintaining their design service lifetime while operating over the whole range of ambient temperatures from below minus 45° C to above 100° C., or at ambient temperatures of 200° C. or higher. (Specify by name and type number.)	.....	RARA 1	TVWXYZ	500	100	—	A
72220 Electronic and microwave switches as follows: (a) waveguide switches designed for frequencies over 12,500 megacycles, (b) waveguide switches having a bandwidth ratio greater than 1.5 to 1, (c) magnetic, including gyromagnetic, waveguide switches, (d) pressurized waveguide switches, and (e) transverse electromagnetic (TEM) mode switches using magnetic, including gyromagnetic, properties. (Specify by name and type number.)	.....	RARA 1	TVWXYZ	500	100	—	A
72220 Other waveguide switches designed for frequencies over 600 megacycles. (Specify by name and type number.)	.....	RARA 8	WXYZ	—	—	100	B
72220 Other electronic and microwave switches, n.e.c. (Specify by name and type number.)	.....	RARA 8	XYZ	—	—	100	B
72220 Lightning arrestors and choke coils, n.e.c.; and parts.	.....	ELME 8	Z	—	—	—	B

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
72220 Lamp holders, electric outlets and parts, n.e.c., *except automotive*, and current carrying devices the following only: multi-contact connectors, attachment plugs and other interior wiring devices.	.....	FINP 8	Z	—	—	—	B
72220 Switches, *the following only:* appliance, cord, lighting, pendant, flush, and surface switches.	.....	FINP 8	Z	—	—	—	B
72220 Fuses, dimmer switches, lighting switches and other electrical apparatus for making, breaking or protecting electrical circuits on automobiles, buses, motorcycles, tractors, trucks, and industrial engines.	.....	TRAN 8	WXYZ	—	—	100	B
72220 Fuses, dimmer switches, lighting switches, power relays, and other electrical apparatus for making, breaking or protecting electrical circuits on aircraft.	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
72220 Other electrical apparatus for making, breaking or protecting electrical circuits; and parts. (Specify by name.)	.....	ELME 8	XYZ	—	—	100	B
72310 Wire and cable coated with, or insulated with fluorocarbon polymers or copolymers.[1] (Specify type of metal and insulation.)	Lb.	NONF 9	TVWXYZ	500	100	—	A E-8
72310 Coaxial-type communications cable as follows: (a) containing fluorocarbon polymers or copolymers,[1] (b) using a mineral insulator dielectric, (c) using a dielectric aired by discs, beads, spiral, screw, or any other means, (d) designed for pressurization or use with a gas dielectric, or (e) intended for submarine laying.	Lb.	NONF 9	TVWXYZ	500	100	—	A E-8
72310 Other coaxial cable.....	Lb.	NONF 10	TVWXYZ	500	100	—	E-8
72310 Communications cable containing more than one pair of conductors of which any one of the conductors, single or stranded, has a diameter exceeding 0.9 mm. (0.035 inch), as follows: (a) cable in which the nominal mutual capacitance of paired circuits is less than 53 nanofarads/mile (33 nanofarads/KM), *except conventional paper and air dielectric types*, (b) submarine cable, or (c) cable containing fluorocarbon polymers or copolymers.[1]	Lb.	NONF 9	TVWXYZ	500	100	—	A E-8
72310 Other communications cable containing more than one pair of conductors *and* containing any conductor, single or stranded, exceeding 0.9 mm. in diameter.	Lb.	NONF 10	TVWXYZ	500	100	—	E-8

[1] See § 399.2, Interpretation 22.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
72310 Insulated nickel and nickel alloy wire as follows: (a) insulated thermocouple nickel-chrome wire containing less than 95 percent nickel and within a diameter range of 0.2 mm. to 5 mm. both inclusive, or (b) other insulated nickel and nickel alloy wire containing 32 percent or more nickel, *excluding nickel-copper alloy wire containing not more than 6 percent of other alloying elements.* (Specify kind of wire or cable, give complete metal analysis, and type of insulation.)	Lb.	NONF 10	TVWXYZ	500	100	—	E–8
72310 Insulated columbium and columbium alloy wire.	Lb.	MINL 1	TVWYXZ	500	100	—	A E–8
72310 Insulated tungsten wire made from pressed-sintered tungsten.	Lb.	MINL 2	TVWXYZ	500	100	—	E–8
72310 Other insulated tungsten and tungsten alloy wire.	Lb.	MINL 1	TVWXYZ	500	100	—	A E–8
72310 Other copper or copper-base alloy insulated wire and cable.	Lb.	NONF 8	WXYZ	—	—	100	B
72310 Ignition harness and cable sets, aircraft type.	Lb.	TRAN 2	TVWXYZ	1,000	1,000	—	E–2
72310 Ignition harness and cable sets, automotive type.	Lb.	TRAN 8	WXYZ	—	—	100	B
72310 Appliance cords and other flexible cord sets.	Lb.	ELME 8	Z	—	—	—	B
72310 Other insulated wire and cable.....	Lb.	NONF 8	XYZ	—	—	100	B
72320 Electrical insulators and fittings of insulation made of polypyromellitimide or polybenzimidazole, or wholly made of fluorocarbon polymers or copolymers.[1] (Specify by name).	Lb.	RESN 1	TVWXYZ	500	25	—	A
72320 Electrical insulators and fittings of insulation partially made of fluorocarbon polymers or copolymers.[1] (Specify by name.)	Lb.	RESN 2	TVWXYZ	500	25	—	E–3
72320 Electrical insulators and fittings of rubber..	Lb.	RUBR 8	YZ	—	—	—	B
72320 Electrical insulators and fittings of ceramics or other clay material, or asbestos.	Lb.	FINP 8	YZ	—	—	—	B
72320 Electrical insulators and fittings of glass, or electrical porcelain, wet or dry process.	Lb.	FINP 8	Z	—	—	—	B
72320 Electrical insulators and fittings of mica...	Lb.	MINL 8	Z	—	—	—	B
72320 Electrical conduit fittings not fitted with terminals.	Lb.	FINP 8	Z	—	—	—	B
72320 Other electrical insulators and fittings of insulating materials, n.e.c.	Lb.	FINP 8	XYZ	—	—	100	B
72410 Color television broadcast receivers, whether or not combined with radio or phonograph; and unassembled color television kits.	No.	RARA 8	YZ	—	—	—	B
72410 Other television broadcast receivers, whether or not combined with radio or phonograph, television tuners, television chassis, or other unassembled television kits.	No.	RARA 8	Z	—	—	—	B

[1] See § 399.2, Interpretation 22.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
72420 Radios, household type, including radio-phonograph combinations, radio tuners, radio chassis, kits for assembly, and automobile radios, *excluding two-way radios.*	No.	RARA 8	Z	—	—	—	B
72491 Telephone or telegraph equipment designed to provide secrecy facilities for analog and/or digital transmissions, *except voice transmission systems employing fixed frequency techniques in which the transposition changes do not occur more frequently than once every ten seconds* (specify by name and model number); and specialized components, parts and accessories, n.e.c., including key generators and tape mixers (specify by name).	.....	RARA 1	TVWXYZ	500	100	—	A
72491 Terminal and intermediate repeater or amplifier equipment designed to deliver, carry, or receive frequencies higher than 150 kilocycles, *except carrier communication terminal equipment specially designed for power lines operating at frequencies below 1,500 kilocycles* (specify by name and model number); and specialized components, parts, and accessories, n.e.c. (specify by name).	.....	RARA 1	TVWXYZ	500	250	—	A
72491 Terminal and intermediate repeater or amplifier equipment as follows: (a) terminal and intermediate repeater or amplifier equipment designed to transmit, carry, or receive frequencies from higher than 16 kilocycles up to and including 150 kilocycles, and (b) terminal equipment specially designed for power lines and operating within the range of frequencies from 16 to 1,500 kilocycles (specify by name and model number); and specialized components, parts, and accessories, n.e.c. (specify by name).	.....	RARA 2	TVWXYZ	500	500	—	
72491 Telegraph equipment, as follows: (a) equipment (machines), mechanical, electro-mechanical, or electronic, used to translate the information contained in written or printed text into electrical waveforms suitable for transmission over communication circuits at any speed greater than 500 words per minute or 375 bauds, whichever is less, (b) equipment designed to accept such electrical waveforms within the limits of (a) above and display the information from them in visible form, or (c) terminal equipment n.e.c., capable of transmitting and/or receiving digital data at a rate in excess of 2,000 bauds (bits per second) or at a rate (applicable to single channels or to each sub-channel in a multi-channel system) in bauds	.....	RARA 1	TVWXYZ	500	100	—	A

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
numerically in excess of 75 percent of the channel (or sub-channel) bandwidth in cycles per second (specify by name and model number); and specialized components, parts and accessories, n.e.c. (specify by name.)							
72491 Single and multi-channel telegraph terminal transmitting and receiving equipment, *except the following equipment when such equipment is not designed for or capable of operation at a rate (for either the channel or any sub-channel in a multi-channel system) in bauds (bits per second) numerically greater than 60 percent of the channel (or sub-channel) band width in cycles per second:* (i) *equipment with a bandwidth per channel of not more than 240 cycles and with a rated speed of not more than 100 bauds (or 134 words per minute) per channel designed to CCIT standards,* (ii) *equipment used with telemetering, telecommand, and telesignalling equipment designed for industrial purposes in which the operational aggregate speed of the telegraph equipment is less than 1,200 bauds (bits per second), or* (iii) *time division multiplex systems up to 6 channels with a maximum aggregate speed of 300 bauds and/or 72 words per minute per channel, and not containing an automatic error detection and correction system using a multiplex check* (specify by name and model number); and specialized components, parts, and accessories, n.e.c. (Specify by name.)	.....	RARA 1	TVWXYZ	500	100	—	A
72491 Other telegraph apparatus as follows: (a) suitable for use at speeds greater than 200 words per minute or 150 bauds, or (b) other multi-channel telegraph terminal transmitting and receiving equipment (specify by name and model number); and specialized components, parts and accessories, n.e.c.	.....	RARA 2	TVWXYZ	500	100	—	
72491 Telephone instruments; and parts.....	.....[1]	RARA 8	Z	—	—	—	B
72491 Other telephone and telegraph equipment, n.e.c.; and parts and accessories. (Specify by name.)	.....[1]	RARA 8	XYZ	—	—	100	B
72492 Telephone repeater equipment designed for frequencies higher than 150 kilocycles (specify by name and model number); and specialized components, parts, and accessories, n.e.c. (specify by name).	.....	RARA 1	TVWXYZ	500	100	—	A

[1] Report telephone instruments, switchboards, and switching devices, and wire teleprinter units in "number."

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72492 Telephone repeater equipment designed for frequencies from higher than 16 kilocycles up to and including 150 kilocycles (specify by name and model number); and specialized components, parts, and accessories, n.e.c. (specify by name).	.....	RARA 2	TVWXYZ	500	500	—	
72492 Other telephone repeater equipment (specify by name and model number); and components, parts, and accessories (specify by name).	.....	RARA 8	XYZ	—	—	100	B
72492 Microphones, audio frequency amplifiers; public address systems; loudspeakers; and parts.	.....[1]	RARA 8	Z	—	—	—	B
72499 Radio transmitters or transceivers, including transmitter amplifiers, having *any* of the following characteristics: (a) designed to operate at output carrier frequencies between 108 and 156 megacycles or greater than 235 megacycles, *except* (i) *equipment designed for search and rescue purposes where such equipment comprises an omnidirectional beacon and operates on a single crystal-controlled fixed frequency of 121.5 megacycles,* (ii) *television broadcasting transmitters and amplifiers therefor operating between 470 and 960 megacycles,* (iii) *frequency-modulated and amplitude-modulated ground communications equipment required for use in the land mobile service operating in the 420 to 470 megacycle band with a power output of not more than 25 watts for mobile units and 100 watts for fixed units,* or (iv) *amplitude-modulated radio-telephone equipment used for search and rescue work operating on a frequency of 243 megacycles with a carrier power not exceeding 100 milliwatts;* (b) designed to provide any system of pulse modulation (this does not include amplitude, frequency, or phase modulated television or telegraphic transmitters); (c) rated for operation over a range of ambient temperatures extending from below minus 40° C. to above plus 55° C.; or (d) designed to provide a multiplicity of alternative output frequencies controlled by a lesser number of piezo-electric crystals, *except equipment in which the output frequency is selected only by manual operation either on the equipment or on a remote control unit and (i) those forming multiples of a common control frequency, or (ii) those*	.....	RARA 1	TVWXYZ	500	250	—	A

[1] Report loudspeakers in "number."

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in which the output frequency is a multiple of a common frequency which is not less than 1:1000 part of the oscillator frequency and is in steps of 1 kilocycle or greater (specify by name and model number); and specially designed components, parts, and accessories, including modulators and modulation amplifiers (specify by name).							
72499 Other transmitters or transceivers having *any* of the following characteristics: (a) more than 20 channels, (b) special facilities for interconnection with land line telephone circuits or switch boards, (c) frequency-modulated or amplitude-modulated communications equipment operating in the 420 to 470 megacycles band, with a power output of 25 watts or less for mobile units and 100 watts or less for fixed units, (d) amplitude-modulated radio-telephone equipment used for search and rescue work operating on a frequency of 243 megacycles with a carrier power of 100 milliwatts or less, (e) equipment designed for search and rescue purposes where such equipment comprises an omnidirectional beacon and operates on a single crystal controlled frequency of 121.5 megacycles, (f) designed for output frequencies from 223 megacycles up to and including 235 megacycles, (g) designed to provide a multiplicity of alternative output frequencies controlled by a lesser number of piezo-electric crystals, *except those forming multiples of a common control frequency* (specify by name and model number); and specially designed parts and accessories, n.e.c. (specify by name).	.....	RARA 2	TVWXYZ	1,000	1,000	—	
72499 Radio (microwave) relay communications equipment designed for use at frequencies in excess of 300 megacycles, *excluding short-range and low-power television links for transmissions between the camera or studio and the television transmitter* (specify by name and model number); and specially designed parts and accessories (specify by name).	.....	RARA 1	TVWXYZ	500	250	—	A
72499 Radio (microwave) relay communications equipment designed for frequencies of 300 megacycles and under (specify by name and model number); and specially designed parts and accessories, n.e.c. (specify by name).	.....	RARA 2	TVWXYZ	1,000	1,000	—	

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72499 Communications equipment, n.e.c., containing carrier current terminal or amplifier equipment designed to deliver, carry, or receive frequencies higher than 150 kilocycles into or in a communications system, *excluding carrier communication terminal equipment specially designed for power lines operating at frequencies below 1,500 kilocycles* (specify by name and model number); and specialized components, parts, and accessories, n.e.c. (specify by name).	.....	RARA 1	TVWXYZ	500	100	—	A
72499 Communications equipment, n.e.c., containing carrier current terminal or amplifier equipment designed to deliver, carry, or receive frequencies from higher than 16 kilocycles up to and including 150 kilocycles, into or in a communications system and carrier terminal equipment specially designed for power lines operating at frequencies below 1,500 kilocycles (specify by name and model number); and specialized components, parts, and accessories, n.e.c. (specify by name).	.....	RARA 2	TVWXYZ	500	500	—	
72499 Airborne communications equipment (specify by name and model number); and specially designed parts and accessories (specify by name).	.....	RARA 1	TVWXYZ	500	250	—	A
72499 Communication, detection or tracking equipment of a kind using ultra-violet radiation, infrared radiation or ultrasonic waves (specify by name and model number); and specially designed parts and accessories (specify by name).	.....	RARA 1	TVWXYZ	500	100	—	A
72499 Communication equipment employing tropospheric, ionospheric or meteoric scatter phenomena (specify by name and model number); and specially designed parts and accessories (specify by name).	.....	RARA 1	TVWXYZ	500	100	—	A
72499 Equipment designed to provide secrecy facilities for analog and/or digital transmissions, *excluding voice transmission systems employing fixed frequency inversions or fixed band scrambling techniques in which the transportation changes do not occur more frequently than once every ten seconds* (specify by name and model number); and specially designed parts and accessories, n.e.c., including key generators and tape mixers (specify by name).	.....	RARA 1	TVWXYZ	500	100	—	A
72499 Electronic equipment, n.e.c., specially designed for operation at temperatures below minus 130° C. (minus 202° F.) (specify by name and model number); and specially designed parts and accessories (specify by name).	.....	RARA 1	TVWXYZ	500	250	—	A

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72499 Telemetering and telecontrol equipment ment suitable for use with aircraft or space vehicles (piloted or pilotless) (specify by name and model number); and specially designed parts and accessories (specify by name).[1]	.....	RARA 1	TVWXYZ	500	100	—	A
72499 Panoramic radio receivers, automatic (specify by name and model number); and specially designed parts and accessories (specify by name).	.....	RARA 1	TVWXYZ	500	100	—	A
72499 Airborne navigation equipment and direction finding equipment, including training or simulating equipment as follows: (a) designed to make use of Doppler frequency phenomena, (b) utilizing the constant velocity and/or the rectilinear propagation characteristics of electromagnetic waves having frequency less than 4 times 10^{14} cycles per second (0.75 micron), (c) pulse modulated radio altimeters, (d) frequency-modulated radio altimeters having an accuracy better than plus or minus 3 feet over the whole range between zero to 100 feet, or plus or minus 3 percent above 100 feet, (e) frequency-modulated radio altimeters which have been in normal civil use for less than four years, (f) direction finding equipment operating at frequencies greater than 5 megacycles, *except equipment designed for search and rescue purposes provided that the receiver operates on a crystal-controlled fixed frequency of 121.5 megacycles and that the determination of the DF bearing is not independent of the bearing of the aircraft and provided that the DF antenna array is designed for operation at a fixed frequency of 121.5 megacycles,* (g) pressurized throughout, or (h) rated for continuous operation over a range of ambient temperatures extending from below minus 55° C to above plus 55° C. (specify by name and model number); and specially designed parts and accessories (specify by name).[1]	.....	RARA 1	TVWXYZ	500	250	—	A
72499 Ground and marine equipment, including specialized training and simulating equipment, for use with airborne navigation equipment, utilizing the constant velocity and/or the rectilinear propagation characteristics of electromagnetic waves having a frequency less than 4 times 10^{14} cycles per second (0.75 micron) (specify by name and model number); and specially designed parts and accessories (specify by name).[1]	.....	RARA 1	TVWXYZ	500	250	—	A

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
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72499 Ground and marine direction finding equipment, including specialized training and simulating equipment, designed to operate at frequencies greater than 5 megacycles (specify by name and model number); and specially designed parts and accessories (specify by name).	.....	RARA 1	TVWXYZ	500	100	—	A
72499 Airborne radar equipment, including specialized training or simulating equipment (specify by name and model number); and specially designed parts and accessories (specify by name).	.....	RARA 1	TVWXYZ	500	250	—	A
72499 Ground and marine radar equipment, including specialized training or simulating equipment, having one or more of the following features: (a) operating at a frequency not in normal civil use in the Western World, or at a frequency of more than 10,500 megacycles, (b) having a peak output power to the aerial system greater than 100 kilowatts, (c) having an 80 percent or better cumulative probability of detection of a 20 square meter target at a free space range of 50 nautical miles on an aircraft having an equivalent echoing area of 20 square meters, (d) utilizing other than pulse modulation with a constant pulse repetition frequency, (e) utilizing a Doppler technique for any purpose, other than MTI (moving target indicator) systems using a conventional double pulse delay line technique, (f) including signal processing techniques which have been in normal civilian use for a period of less than four years, or (g) having been in commercial use in the Western World for a period of less than 2 years (specify by name and model number); and specially designed parts and accessories. (Specify by name.)	.....	RARA 1	TVWXYZ	500	250	—	A
72499 Pulse modulators capable of providing electric impulses of peak power exceeding 200 kilowatts or of a duration of less than 0.1 microsecond, or with a duty cycle in excess of 0.002; and specially fabricated parts and accessories, including pulse transformers, pulse-forming equipment and delay lines. (Specify by name.)	.....	RARA 1	TVWXYZ	500	100	—	A
72499 Other ground and marine radar equipment, including specialized training or simulating equipment, *excluding those normal equipments designed for pulse operation at frequencies between 1,300 megacycles and 1,660 megacycles, 2,700 megacycles and 3,900 megacycles, or 8,500 megacycles and 10,000 megacycles, having in the case of marine*	.....	RARA 2	TVWXYZ	500	500	—	

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
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radar, a peak output power to the aerial system of not greater than 75 kilowatts or, in the case of ground base radar, having a peak output power to the aerial system of not greater than 50 kilowatts and a range of not greater than 50 nautical miles (specify by name and model number); and specially designed parts and accessories, n.e.c. (specify by name).							
72499 Other airborne electronic navigational and direction finding equipment, n.e.c., *except direction finders operating at frequencies of 5 megacycles or less* (specify by name and model number); and specially designed parts and accessories, n.e.c. (specify by name).[1]	.....	RARA 2	TVWXYZ	500	100	—	
72499 Radio and television broadcast equipment, *excluding radio and television broadcast audio equipment and television broadcast studio equipment;* and parts and accessories (specify by name).	.....	RARA 8	WXYZ	—	—	100	B
72499 Radio and television broadcast audio equipment; and television broadcast studio equipment; and parts and accessories (specify by name). [Report videotape recorders in Export Control Commodity No. 89111.]	.....	RARA 8	XYZ	—	—	100	B
72499 Amplifiers, oscillators, and related equipment, n.e.c., as follows: (a) amplifiers designed to operate at frequencies in excess of 500 megacycles; (b) tuned amplifiers having a bandwidth which exceeds 10 megacycles or 10 percent of the mean frequency, whichever is less, *excluding those specially designed for use in community television distribution systems;* (c) untuned amplifiers having a bandwidth which exceeds 10 megacycles (specify by name and model number).	.....	RARA 1	TVWXYZ	500	100	—	A
72499 Amplifiers, oscillators and related equipment, n.e.c., as follows: (a) parametric amplifiers with a noise figure of merit of 5 decibles or less measured at a temperature of 17° C., (b) paramagnetic[2] amplifiers, (c) other amplifiers or oscillator devices which amplify or oscillate by means of stimulated electromagnetic radiation (including but not limited to Masers, Lasers, and Irasers), and any equipment containing such amplifiers, oscillators or devices (specify by name and model number); and specially designed parts and accessories (specify by name).	.....	RARA 1	TVWXYZ	500	250	—	A

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.
[2] The term 'paramagnetic' as used in this entry refers to the sensing changes in magnetic field strength by measurement of the effects of such change in the electron spin phenomena.

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72499 Other amplifiers, except television transmitter amplifiers, designed to operate at frequencies from 300 up to and including 500 megacycles (specify by name and model number); and specially fabricated parts and accessories, n.e.c. (specify by name).	.....	RARA 2	TVWXYZ	500	500	—	
72499 Waveguides and components as follows: (a) rigid and flexible waveguides and components designed for use at frequencies over 12,500 megacycles; (b) waveguides having a bandwidth ratio greater than 1.5:1; (c) waveguide components n.e.c. as follows: (i) directional couplers having a bandwidth ratio greater than 1.5:1 and directivity over the band of 15 decibels or more, (ii) rotary joints capable of transmitting more than one isolated channel or having a bandwidth greater than 5 percent of the center mean frequency, (iii) magnetic, including gyromagnetic, waveguide components; (d) pressurized waveguides and specialized components therefor; or (e) transverse electromagnetic (TEM) mode devices using magnetic, including gyromagnetic, properties. (Specify by name and type number.)	.....	RARA 1	TVWXYZ	500	100	—	A
72499 Ferrite waveguide components; and flexible waveguides and components designed for frequencies up to and including 12,500 megacycles. (Specify by name and type number.)	.....	RARA 2	TVWXYZ	500	500	—	
72499 Other waveguides and components of a kind used at frequencies exceeding 600 megacycles and articles of equipment incorporating or designed to be connected or to be incorporated into such waveguides.	.....	RARA 8	WXYZ	—	—	100	B
72499 Electronic equipment, n.e.c., and components, n.e.c., specially designed for operation at ambient temperatures below minus 130° C. (Specify by name and model number.)	.....	RARA 1	TVWXYZ	500	250	—	A
72499 Automobile radio receiver antennas.....	.....	RARA 8	YZ	—	—	—	B
72499 Carrying cases for portable radios; masks (television picture tube frame); screens (television picture tube protectors), *excluding glass;* television antenna masts, tubular type (telescoping and stationary); and home-type television antennas, including rotor antennas.	.....	RARA 8	Z	—	—	—	B
72499 Parts and accessories, n.e.c., specially designed for home-type radio and television receivers and automobile receivers, *except communications receivers.*	.....	RARA 8	YZ	—	—	—	B

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72499 Other electronic telecommunications equipment, electronic navigational aids and electronic search and detection apparatus, including radar, n.e.c. (specify by name and model number); and parts and accessories, n.e.c. (Specify by name.)	.....	RARA 8	WXYZ	—	—	100	B
72501 Condensers for domestic refrigerators and food freezers.	No.	FINP 8	XYZ	—	—	100	B
72501 Domestic refrigerators and food freezers, electric; and parts.	.....[1]	FINP 8	Z	—	—	—	B
72502 Domestic washing machines; and parts.....	.....[2]	FINP 8	Z	—	—	—	B
72503 Electro-mechanical appliances, n.e.c. (includes household type and those used in hotels, restaurants, hospitals, train kitchens, etc.); and parts.	.....[2]	FINP 8	Z	—	—	—	B
72504 Electric shavers and hair clippers; and parts, except blades and heads. [Report blades and heads for hairclippers and non-electric shavers in Export Control Commodity No. 69603.]	.....[3]	FINP 8	Z	—	—	—	B
72505 Electron ovens; and specially designed parts.	.....[4]	ELME 8	YZ	—	—	—	B
72505 Electric household type domestic cooking equipment, and electro-thermic appliances; and parts, *except electric steam cabinets for turkish baths, deodorizers, face and hand dryers, and RA Grid heater plates.*	.....[4]	FINP 8	Z	—	—	—	B
72505 Galleys, buffet servers, ovens, and other electrical food preparing or serving equipment specially designed for aircraft; electric heaters for automotive vehicles; and parts.	.....[4]	TRAN 8	YZ	—	—	—	B
72610 Electro-medical and electro-therapeutic apparatus, other than X-ray, and parts, n.e.c.. [Report X-ray apparatus in Export Control Commodity No. 72620.]	.....	SATE 8	Z	—	—	—	B
72620 Flash discharge type X-ray tubes.....	.....	SATE 1	TVWXYZ	500	50	—	A
72620 X-ray machines having any of the following characteristics: (a) peak power exceeding 500 megawatts, (b) output voltage exceeding 500 kilovolts, or (c) output current exceeding 2,000 amperes with pulse width of 0.2 microseconds or less; and specially designed parts and accessories, n.e.c.	.....	SATE 2	TVWXYZ	500	100	—	
72620 Parts specially designed for flash discharge type X-ray tubes.	.....	SATE 1	TVWXYZ	500	100	—	A
72620 Betatrons, X-ray producing.....	.....	SATE 2	TVWXYZ	500	—	—	
72620 Parts specially designed for X-ray producing betatrons.	.....	SATE 2	TVWXYZ	500	500	—	

[1] Report refrigerators and freezers in "number."
[2] Report complete washing machines and appliances other than floor waxing and polishing machines and waste food disposers in "number."
[3] Report electric shavers in "number."
[4] Report complete cooking ranges, ovens, electric irons and heating appliances in "number."

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72620 X-ray diffraction tubes and valves, X-ray diffraction units, X-ray goniometers, and X-ray powder cameras; and specially designed parts. (Specify by name.)	.....	SATE 8	WXYZ	—	—	100	B
72620 X-ray tubes and valves, medical and dental types only.	.....	SATE 8	Z	—	—	—	B
72620 Industrial X-ray equipment capable of controlling the dimensions of a rolled product during its production (specify by name); and specially fabricated parts and accessories, n.e.c.	.....	GIEQ 2	TVWXYZ	500	100	—	
72620 Other X-ray apparatus, medical and industrial; and parts.	.....	SATE 8	XYZ	—	—	100	B
72911 Electro-chemical and radioactive devices for the conversion of chemical energy to electrical energy, having *any* of the following characteristics: (a) fuel cells (including regenerative cells) i.e., cells for generating electric power, to which all the consumable components are supplied from outside the cells, (b) electrically rechargeable cells, hermetically sealed, designed to have a leakage rate of 10^{-5} cc. per second of gas or less when tested under pressure differential of 2 atmospheres, (c) primary cells possessing a means of activation and having an open circuit storage life in the unactivated condition, at a temperature of 70° F. (21° C), of 10 years or more, or (d) primary cells capable of operating at temperatures from below minus 25° C. to above plus 55° C., including cells and cell assemblies (other than dry cells) possessing self-contained heaters, (e) power sources other than nuclear reactors based on radioactive materials systems, excluding those having a power output of less than 0.5 watts in which the ratio of output (in watts) to weight (in pounds) is less than 1 to 2; and specialized parts, components, and subassemblies therefor. (Specify by name and type.)	.....[1]	ELME 1	TVWXYZ	500	100	—	A
72911 Flashlight batteries; and parts.....	.....[1]	FINP 8	Z	—	—	—	B
72911 Other primary batteries and cells.....	.....[1]	FINP 8	YZ	—	—	—	B
72911 Parts for other primary batteries and cells.	.....	FINP 8	XYZ	—	—	100	B

[1] Report complete batteries (assembled or unassembled) in "number."

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72912 Electro-chemical devices for the conversion of chemical energy to electrical energy, having either of the following characteristics: (a) fuel cells (including regenerative cells), i.e., cells for generating electric power, to which all the consumable components are supplied from outside the cell, or (b) electrically rechargeable cells, hermetically sealed, designed to have a leakage rate of 10^{-5} cc. per second of gas or less when tested under pressure differential of 2 atmospheres; and specially designed parts therefor.	.....[1]	ELME 1	TVWXYZ	500	100	—	A
72912 Storage batteries, 6 and 12 volt, lead acid type.	No.	TRAN 8	XYZ	—	—	100	B
72912 Other storage batteries, n.e.c.	No.	ELME 8	XYZ	—	—	100	B
72912 Battery separators and blanks, wood	M	FINP 8	XYZ	—	—	100	B
72912 Battery parts made of rubber	.....	RUBR 8	XYZ	—	—	100	B
72912 Battery parts made of lead or zinc	.....	NONF 8	Z	—	—	—	B
72912 Battery parts made of glass	.....	FINP 8	Z	—	—	—	B
72912 Other storage battery parts, n.e.c.	.....	ELME 8	XYZ	—	—	100	B
72920 Flash discharge tubes specially designed for equipment providing amplification or oscillation by means of stimulated electromagnetic radiation, such as Masers, Lasers, or Irasers.	No.	FINP 5	TVWXYZ	500	—	—	A
72920 Filament bulbs (lamps), over ⅝ inch base, *the following only:* floodlight, heat, pilot light, reflector, spotlight, and street light; fluorescent bulbs and tubes (lamps); and vapor and other non-filament bulbs and tubes (lamps), *the following only:* miniature neon, neon glow, photo flash, and sun lamp.	No.	FINP 8	YZ	—	—	—	B
72920 Other filament lamps (bulbs) up to and including ⅝ inch base; and filament bulbs over ⅝ inch base, *the following only:* carbon filament; clear; frosted; incandescent; metal filament; photoflood; and projection. [Report sealed beam headlamps in Export Control Commodity No. 72942.]	No.	FINP 8	Z	—	—	—	B
72920 Other electric lamps (bulbs); and parts, except carbons and glass envelopes. [Report carbons in Export Control Commodity No. 72996; and glass envelopes in No. 66492.]	.....[2]	FINP 8	XYZ	—	—	100	B
72920 Single coil tungsten filaments	.....	FINP 4	TVWXYZ	1,000	1,000	—	E-6
72920 Photomicrographic arc lamps specially fabricated for: air reconnaissance cameras and other cameras designed and used for military purposes,	No.	FINP 5	TVWXYZ	500	25	—	A

[1] Report complete batteries (assembled or unassembled) in "number."
[2] Report lamps (bulbs) in "number."

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cameras specially designed for use in space vehicles, and other high speed cameras capable of recording in excess of 64 frames per second, or streak cameras having writing speed of 8mm/microsecond and above and/or to be used with photographic microflash equipment capable of giving a flash of 1/100,000 second or shorter duration, at a minimum recurrence frequency of 200 flashes per second.							
72920 Photomicrographic arc lamps specially fabricated for high speed cameras capable of recording at rates in excess of 2,000 frames per second.	No.	FINP 8	WXYZ	—	—	100	B
Electron tubes, except X-ray, and parts [Report X-ray tubes in Export Control Commodity No. 72620.]							
72930 Cathode ray tubes as follows: (a) with a resolving power of 500 lines or more per inch (20 lines per millimeter) using the shrinking raster method of measurement, (b) with writing speeds of more than 3000 kilometers per second, (c) with 3 or more electron guns, *excluding 3-gun color television tubes designed for entertainment use*, or (d) alpha-numeric and similar data or information display tubes, *excluding those in which the displayed position of each character is fixed.* (Specify by name and type number.)	No.	RARA 1	TVWXYZ	500	50	—	A
72930 Image intensifiers, image converters and electronic storage tubes, including memory transformers of radar pictures and ruggedized vidicon tubes, *excluding commercial standard television broadcasting camera tubes.* (Specify by name and type number.)	No.	RARA 1	TVWXYZ	500	50	—	A
72930 Photomultiplier tubes of all types for which the maximum sensitivity occurs at wavelengths longer than 7,500 angstrom units or shorter than 3,000 angstrom units. (Specify by name and type number.)	No.	RARA 1	TVWXYZ	500	50	—	A
72930 Cold cathode tubes and switches as follows: (a) Triggered spark-gaps, having an anode delay time of 15 microseconds or less and rated for a peak current of 3,000 Amps or more; (b) Cold cathode, gas-filled, arc-discharge tubes, containing three or more electrodes and having all of the following characteristics: (i) Rated for an anode peak voltage of 2,500 volts or more, (ii) rated for peak currents of 300 amperes or more, (iii) an anode delay time of 10 microseconds or less, and (iv) an envelope diameter of less than 1 inch (25.4 mm). (Specify by name and type number.)	No.	RARA 1	TVWXYZ	500	50	—	A

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72930 Thyratron and modulator gas-discharge tubes as follows: (a) rated for continuous operation with peak current and peak voltage exceeding 100 amperes and 9000 volts at a pulse repetition frequency of 200 or more pulses per second, or (b) hydrogen thyratrons of any rating, *excluding types 4C35 and 3C45.* (Specify by name and type number.)	No.	RARA 1	TVWXYZ	500	100	—	A
72930 TR and Anti-TR tubes, *excluding those designed for use in wave guides operating at a peak power not exceeding 100 kilowatts and at frequencies between 1,300 and 1,660 megacycles, 2,700 and 3,900 megacycles, or 8,500 and 10,000 megacycles, provided such tubes do not include a control electrode permitting the control of the ionization by means of an external voltage.* (Specify by name and type number.)	No.	RARA 1	TVWXYZ	500	100	—	A
72930 Electron tubes, as follows: (a) tubes rated for continuous wave operation over the frequency range of 300 to 1,000 megacycles for which (at any part of this frequency range and under any condition of cooling) the product of frequency of operation in megacycles squared and the power output in watts from the anode(s) of a single envelope at this frequency exceeds 10^8 when the tube is operating in Class C telegraphy key down conditions or in Class C FM telephony conditions or, if performance under these conditions is not known, the product of declared maximum frequency of full ratings in megacycles squared and the maximum rated anode dissipation per tube in watts exceeds 5 times 10^7 (when applying the above criteria to external anode tubes rated without a radiator, multiply the power rating by 20, and for external anode tubes rated with radiators and optimum cooling procedures, as recommended by the manufacturer, multiply the power rating by 2), (b) tubes rated for operation above 1,000 megacycles, (c) tubes rated for pulse operation above 300 megacycles, (d) tubes constructed with ceramic envelopes and rated for operation above 300 megacycles, (e) tubes, *excluding conventional types,* such as diodes, triodes, pentodes, etc., in	No.	RARA 1	TVWXYZ	500	100	—	A

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which the velocity of the electrons is utilized as one of the functional parameters (including, but not limited to klystrons, travelling wave tubes and magnetrons, except fixed frequency pulsed magnetrons designed to operate at a frequency of 9,375 plus or minus 30 megacycles with a maximum peak output power not greater than 25 kilowatts), (f) indirectly heated tubes less than 0.283 inch in diameter, (g) tubes designed to withstand an acceleration of short duration (shock) greater than 1,000 g (accelerations under gravity), (h) tubes constructed with beryllium oxide ceramics, (i) tubes designed for operation in ambient temperatures above 100° C., or (j) vacuum tubes specially designed for use as pulse modulators for radar or for similar applications, having a peak anode voltage rating of 100 kilovolts or more, or rated for a peak pulse power of 2 megawatts or more. (Specify by type number.)							
72930 Photomultiplier tubes having all of the following characteristics: (a) dark current plus noise less than 5 times 10^{-16} amperes per square centimeter of active cathode surface, (b) sensitivity exceeding 65 microamperes per lumen, and (c) an over-all gain exceeding 100 million. (Specify by name and type number.)	No.	RARA 2	TVWXYZ	500	50	—	
72930 Color television picture tubes with three or more electron guns. (Specify by name and type number.)	No.	RARA 2	TVWXYZ	1,000	1,000	—	
72930 Other television picture tubes.....	No.	RARA 8	Z	—	—	—	B
72930 Other electron tubes, *excluding (a) rectifier bulbs for automotive battery chargers, Geiger-Mueller counter tubes, and proportional counter tubes; (b) types of photo tubes, photomultiplier tubes, cathode ray tubes, and television camera tubes not included in another entry under Export Control Commodity No. 72930 which requires a validated license to all destinations (except Canada); and (c) non-military versions of the types described or listed in § 399.2, Interpretation 13.* (Specify by type number.)	No.	RARA 2	TVWXYZ	500	250	—	
72930 Electron tubes as follows: (a) rated for operation at frequencies between 250 and 1,000 megacycles, *excluding single-ended glass envelope standard 7-pin miniature or 9-pin noval base tubes having a basic tube type number consisting of a one or two-digit number followed by one or two letters, followed by a single digit (for example,*	No.	RARA 8	WXYZ	—	—	100	B

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1S4, 6C4, 12X4, 12AU7), (b) indirectly heated tubes having a diameter from 0.283 through 0.5 inch, or (c) designed to withstand acceleration of 450 g up to and including 1,000 g. (Specify by name and type number.)							
72930 Other photo tubes and photomultiplier tubes; other cathode-ray tubes with screen afterglow longer than ⅛ second; and non-ruggedized vidicon tubes. (Specify by name and type number.)	No.	RARA 8	WXYZ	—	—	100	B
72930 All other electron tubes including types described or listed in § 399.2, Interpretation 13. (Specify by name and type number.)	No.	RARA 8	XYZ	—	—	100	B
72930 Parts and accessories specially designed for the electron tubes under Export Control Commodity No. 72930 subject to the Import Certificate/Delivery Verification procedure. (Specify by name.)	.....	RARA 1	TVWXYZ	500	100	—	A
72930 Parts and accessories specially designed for the electron tubes under Export Control Commodity No. 72930 which require a validated license to all countries except Canada but are not subject to the Import Certificate/Delivery Verification procedure. (Specify by name.)	.....	RARA 2	TVWXYZ	500	250	—	
72930 Parts and accessories specially designed for the electron tubes under Export Control Commodity No. 72930 which require a validated license to all destinations except Country Groups T and V. (Specify by name.)	.....	RARA 8	WXYZ	—	—	100	B
72930 Other parts and accessories for electron tubes. (Specify by name.)	.....	RARA 8	XYZ	—	—	100	B
72930 Photocells, as follows: (a) photoelectric cells, photo-conductive cells (including photo-transistors and similar cells) with a peak sensitivity at a wavelength longer than 12,000 angstrom units or shorter than 3,000 angstrom units, *excluding germanium photo devices with a peak response less than 17,500 angstrom units;* or (b) photo-transistors and photo-diodes with a response time constant of 1 millisecond or less, measured at the operating temperature of the cell for which the time constant reaches a minimum. (Specify by name and type number.)	No.	RARA 1	TVWXYZ	500	50	—	A
72930 Semiconductor devices for the direct conversion of solar energy to electrical energy (solar cells) as follows: (a) photo-voltaic cells with a power output of 8 milliwatts or more per square	No.	RARA 1	TVWXYZ	500	50	—	A

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centimeter under 100 milliwatts per square centimeter tungsten (2800° K) illumination, or (b) all gallium arsenide photo-voltaic cells, *excluding those having a power output of less than 4 milliwatts measured by the technique employed in (a) above.*							
72930 Semiconductor diodes, as follows: (a) any semiconductor diode in which the bulk material is other than silicon, germanium, selenium, or copper-oxide; (b) signal diodes in which the bulk material is silicon or germanium (including mixer, frequency-changing and switching diodes) as follows: (i) point-contact type diodes designed for use at frequencies over 1,000 megacycles, or (ii) junction-type diodes designed for use at input frequencies greater than 300 megacycles or designed for switching rates (repetition frequency) higher than 1 megacycle,[1] (c) power diodes in which the rated peak inverse voltage taken as a recurrent voltage exceeds 1,000 volts per junction at 25° C. under any conditions of cooling; (d) controlled diodes (i.e., those which operate similarly to grid controlled gas-filled tubes) designed for use at switching rates (repetition frequency) higher than 100 kilocycles; or (e) tunnel diodes. (Specify by type number.)	No.	RARA 1	TVWXYZ	500	50	—	A
72930 Transistors and related devices (or related semiconductor amplifying devices such as fieldistors, spacistors, and technetrons) having *any* of the following characteristics: (a) having four or more active junctions within any single block of semiconductor material; (b) using a bulk semiconductor material other than germanium; or (c) using germanium as the bulk semiconductor material and having either of the following characteristics: (i) an average f alpha [2] of 50 to 150 megacycles and designed to have a maximum collector dissipation [3] greater than 150 milliwatts, or (ii) an average f alpha [2] greater than 150 megacycles. (Specify by type number.)	No.	RARA 1	TVWXYZ	500	25	—	A
72930 Solid state semiconductor devices, specially designed for operation at ambient temperatures below minus 130° C. (Specify by name and type number.)	No.	RARA 1	TVWXYZ	500	50	—	A

[1] This subitem (subitem (b) (ii)) will normally include switching diodes having a recovery time of less than 0.1 microsecond. The recovery time is to be specified for a decrease of reverse current to a value of 100 microamps. or less, and measured with a forward current and reverse voltage which are typical for the diodes in question.

[2] The f alpha to be used is that measured in the common base (fab) and the average or typical value to be used. If no average or typical value is given, the value used should be taken as 1.5 times the minimum f alpha.

[3] The maximum collector dissipation is to be defined as the continuous dissipation measured at an ambient temperature of 25° C. under any cooling condition.

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72930 Semiconductor devices, n.e.c., having junctions and/or combinations of junctions using thermo-electric materials with a maximum product of the figure of merit (Z)[1] and the temperature (T in °K) in excess of 0.75. (Specify by name and characteristics.)	No.	RARA 1	TVWXYZ	500	50	—	A
72930 Semiconductor devices constituting one or more functional circuits (including integrated circuits) with a component density greater than 75 parts per cubic inch (4.575 parts per cubic centimeter). (Specify by name and type number.)	No.	RARA 1	TVWXYZ	500	100	—	A
72930 Semiconductor Hall field probes, n.e.c., having any of the following characteristics: (a) made of indium arsenide phosphide (In As P); (b) coated with ceramic or ferritic materials (for example, special field probes, multipliers, modulators, recorder probes, etc.); or (c) with an open circuit sensitivity greater than 0.12 volts per ampere kilograms. (Specify by name and type.)	No.	RARA 1	TVWXYZ	500	50	—	A
72930 Other crystal diodes, *excluding (a) germanium point contact diodes designed for operation at frequencies below 250 megacycles, (b) germanium junction diodes designed for operation at frequencies of 50 megacycles or less and not designed for switching speeds (repetition frequency) greater than 1 megacycle, (c) silicon regulator (zener) diodes, (d) silicon junction power diodes (not including radio frequency or switching diodes) having a peak inverse voltage of 1,000 volts per junction or less.* (Specify by type number.)	No.	RARA 2	TVWXYZ	500	100	—	
72930 Germanium photo devices with a peak response less than 17,500 angstrom units (1.75 microns). (Specify by name and type number.)	No.	RARA	TVWXYZ	500	100	—	
72930 Other transistors and solid state semiconductor devices, *excluding photocells, crystal diodes, and solar cells not included in another entry under Export Control Commodity No. 72930 which requires a validated license to all destinations (excluding Canada), and excluding the transistor types listed in § 399.2, Interpretation 18.* (Specify by type number.)	No.	RARA 2	TVWXYZ	500	100	—	
72930 All other solid state semiconductor devices (including the transistors listed in § 399.2, Interpretation 18). (Specify by type number.)	No.	RARA 8	WXYZ	—	—	100	B

[1] The figure of merit (Z) equals Seebeck coefficient squared divided by the product of electrical resistivity and thermal conductivity.

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72930 Parts specially designed for the solid state semiconductor devices under Export Control Commodity No. 72930 subject to the Import Certificate/Delivery Verification procedure. (Specify by name.)	.....	RARA 1	TVWXYZ	500	250	—	A
72930 Parts specially designed for the solid state semiconductor devices under Export Control Commodity No. 72930 which require a validated license to all countries except Canada but are not subject to the Import Certificate/Delivery Verification procedure. (Specify by name.)	.....	RARA 2	TVWXYZ	500	500	—	
72930 Other parts for solid state semiconductor devices under Export Control Commodity No. 72930. (Specify by name.)	.....	RARA 8	WXYZ	—	—	100	B
72941 Twenty-four volt electrical systems with circuits shielded against radio interference, fungus decay, and water; and specially designed parts.	.....	TRAN 1	TVWXYZ	500	—	—	A
72941 Spark plugs (aircraft and automotive types) and parts, except insulators. [Report insulators in Export Control Commodity No. 72320.]	.....	TRAN 8	XYZ	—	—	100	B
72941 Electrical starting and ignition equipment, n.e.c., aircraft type, and specially designed parts.[1]	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
72941 Electrical starting and ignition equipment, automotive type, and specially designed parts.	.....	TRAN 8	WXYZ	—	—	100	B
72941 Other electrical starting and ignition equipment for internal combustion engines other than aircraft and automotive types.	.....[2]	TRAN 8	XYZ	—	—	100	B
72942 Motor vehicle sealed beam lights; and other motor vehicle lighting equipment, signalling equipment, electrical windshield wipers and defrosters; and parts therefor.	.....[3]	TRAN 8	XYZ	—	—	100	B
72942 Sirens and hooters for motor vehicles; and parts.	.....	ELME 8	XYZ	—	—	100	B
72942 Lighting equipment and signalling equipment for motorcycles; and parts.	.....[3]	TRAN 8	YZ	—	—	—	B
72951 Watt-hour meters, non-recording. [Report parts in Export Control Commodity No. 86199.]	No.	ELME 8	Z	—	—	—	B
72951 Other electricity supply meters. [Report parts in Export Control Commodity No. 86199.]	No.	ELME 8	YZ	—	—	—	B
Instruments or apparatus for measuring, checking, or testing electrical or electronic quantities or characteristics, and nuclear radiations. [Report parts in Export Control Commodity No. 86199]:							
72952 Electronic measuring, testing, or calibrating instruments having one or more of the following characteristics: (a) designed for use at frequencies in excess of 1,000 megacycles, or (b) testing in-	No.	ELME 1	TVWXYZ	500	500	—	A

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.
[2] Report complete cranking motors and spark plugs in "number."
[3] Report sealed beam lamps in "number."

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struments rated to maintain their specified operating data when operating over a range of ambient temperatures extending from below minus 25° C. to above plus 55° C. (Specify by name and model number.)							
72952 Apparatus for automatically sorting electronic components in respect to their electrical characteristics. (Specify by name and model number.)	No.	ELME 1	TVWXYZ	500	100	—	A
72952 Instruments specially designed for use in the production of electronic valves, transistors, or crystal diodes. (Specify by name and model number.)	No.	ELME 1	TVWXYZ	500	500	—	A
72952 Recording oscillographs used as readout units for telemetering and telecontrol equipment suitable for use with space vehicles or aircraft (piloted or pilotless).	No.	ELME 1	TVWXYZ	500	500	—	A
72952 Cathode ray oscilloscopes (oscillographs) possessing *any* of the following characteristics: (a) an amplifier bandwidth greater than 20 megacycles per second for DC-coupled scopes or greater than 30 megacycles per second for AC-coupled scopes (defined as the band of frequencies over which the deflection on the cathode ray tube does not fall below 70.7 percent of that at the maximum point measured with a constant input voltage to the amplifier); (b) a time base shorter than 40 nanoseconds per centimeter, including calibrated magnified sweep factor; (c) employing accelerating potentials in excess of 5,000 volts; (d) containing or designed for the use of a cathode ray tube with three or more electron guns; (e) containing or designed for use of (i) cathode ray memory tubes, or (ii) cathode ray tubes with travelling wave or distributed deflection structure or incorporating other techniques to minimize mismatch of fast phenomena signals to the deflection structure; (f) ruggedized to meet a military specification; (g) rated for operation over a range of ambient temperatures from below minus 25° C. to above plus 55° C.; (h) incorporating a calibrated variable sweep delay with an incremental accuracy (measured at the 90 percent delay point) of better than 3 percent; or (i) including any device which increases the capabilities of the oscilloscope to enable it to meet specifications (a) or (b) of this entry; or (j) having a rise-time of less than 12 nanoseconds. (Specify by name and model number.)	No.	ELME 1	TVWXYZ	500	500	—	A

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72952 Electronic devices for stroboscopic analysis of a signal (i.e., sampling devices), whether subassemblies or separate units, designed to be used in conjunction with an oscilloscope to permit the analysis of recurring phenomena, which increase the capabilities of an oscilloscope to: (a) permit measurements above 20 megacycles per second, or (b) to permit the achieving in an oscilloscope of a time-base shorter than 40 nanoseconds (0.04 microseconds) per centimeter. (Specify by name and model number.)	No.	ELME 1	TVWXYZ	500	100	—	A
72952 Other cathode ray oscilloscopes (oscillographs) possessing any of the following characteristics: (a) an amplifier bandwidth greater than 12 megacycles per second, (b) a time base less than 0.04 microseconds per centimeter, (c) containing or designed for use of three or more cathode ray tubes, or (d) including any device which increases the capabilities of the oscilloscope to enable it to meet specifications (a) or (b) of this entry. (Specify by name and model number.)	No.	ELME 2	TVWXYZ	1,000	1,000	—	
72952 Other cathode ray oscilloscopes (oscillographs) possessing any of the following characteristics: (a) a bandwidth greater than 5 megacycles (defined as the band of frequencies over which the loss does not exceed 3 decibels), or (b) a time base shorter than 0.05 microseconds per centimeter.	No.	ELME 8	WXYZ	—	—	100	B
72952 Other electronic devices for stroboscopic analysis of a signal (i.e., sampling devices), whether subassemblies or separate units designed to be used in conjunction with an oscilloscope to permit the analysis of recurring phenomena which increase the capabilities of an oscilloscope to permit measurement above 15, up to and including 20, megacycles per second. (Specify by name and model number.)	No.	ELME 2	TVWXYZ	500	100	—	
72952 Magnetometers, *excluding geophysical magnetometers* but including gaussmeters, of the following types: (a) fluxgate, (b) electron-beam sensing, (c) paramagnetic,[1] (d) nucleonic, (e) Hall Effect, *excluding magnetometers which use general purpose Hall field probes to measure magnetic fields greater than one oersted using control current between 100 and 400 milliamperes.* (Specify by name.)	No.	ELME 1	TVWXYZ	500	250	—	A

[1] The term "paramagnetic" as used in this entry refers to the sensing of changes in magnetic field strength by measurement of the effects of such changes in the electron spin phenomena.

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72952 Radio spectrum analyzers possessing *any* of the following characteristics: (a) designed to operate at frequencies exceeding 1,000 megacycles, (b) designed to operate at frequencies over 300 megacycles and using interchangeable heads and incorporating integral sweep facilities, or (c) having a display bandwidth in excess of 12 megacycles. (Specify by name and model number.)	No.	ELME 1	TVWXYZ	500	100	—	A
72952 Measuring, calibrating, counting, and time interval measuring equipment whether or not incorporating frequency standards, having one or more of the following characteristics: (a) consisting of, or containing frequency measuring equipment or frequency standards designed for other than ground laboratory use with an accuracy better than 1 part in 10^7; (b) consisting of, or containing, ground laboratory or frequency measuring equipment incorporating frequency standards with a stability over 24 hours of 1 part in 10^9 or better; (c) designed for use at frequencies in excess of 1,000 megacycles; (d) designed to provide a multiplicity of alternative output frequencies controlled by a lesser number of piezo-electric crystals or an internal or external frequency standard, *excluding equipment in which the output frequency is selected only by manual operation either on the equipment or on a remote control unit and (i) those forming multiples of a common control frequency, or (ii) those in which the output frequency is a multiple of a common frequency which is not less than 1:1,000 part of the oscillator frequency and is in steps of 1 kilocycle or greater;* (e) counting equipment capable of resolving at normal input levels successive input signals with less than 0.1 microsecond time difference; and (f) time interval measuring equipment containing counting equipment as specified in part (e) above. (Specify by name and model number.)	No.	ELME 1	TVWXYZ	500	500	—	A
72952 Instruments, n.e.c., designed for operation at frequencies from 300 megacycles up to and including 1,000 megacycles. (Specify by name and model number.)	No.	ELME 2	TVWXYZ	1,000	1,000	—	
72952 Other measuring, calibrating, counting, and time interval measuring equipment with *any* of the following characteristics: (a) frequency measuring instruments having an accuracy better than 0.00001 percent, (b) capable of resolving (at normal input levels) successive input signals with less than 0.5 microsecond time difference (including	No.	ELME 2	TVWXYZ	1,000	1,000	—	

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time interval measuring equipment containing such counters), and (c) designed to provide a multiplicity of alternative out-put frequencies controlled by a lesser number of piezo-electric crystals or an internal or external frequency standard and not forming multiples of a common control frequency. (Specify by name and model number.)							
72952 Instruments specially designed for (a) testing communications equipment employing tropospheric, ionospheric or meteoric scatter phenomena, or (b) testing, telemetering and telecontrol equipment suitable for use with space vehicles or aircraft. (Specify by name and model number.)	No.	ELME 1	TVWXYZ	500	100	—	A
72952 Instruments specially designed for testing the following equipment which is subject to the Import Certificate/Delivery Verification procedure: (a) torquers and synchronous motors, Export Control Commodity No. 72210; (b) linear and nonlinear potentiometers, Export Control Commodity No. 72220; (c) semiconductor Hall field probes, Export Control Commodity Nos. 72930 and 72999; (d) analog-to-digital and digital-to-analog converters, Export Control Commodity No. 72952; (e) synchros and resolvers and special instruments rated to have the same characteristics, induction potentiometers, induction rate (tachometer) generators, and servo-motors, Export Control Commodity No. 72999; (f) electronic or magnetic amplifiers specially designed for use with resolvers, Export Control Commodity No. 86199. (Specify by name and model number.)	No.	ELME 1	TVWXYZ	500	500	—	A
72952 Instruments specially designed for testing or calibrating the radar equipment, direction finding equipment, or navigational apparatus under Export Control Commodity No. 72499 which are subject to the Import Certificate/Delivery Verification procedure. (Specify by name and model number.)	No.	ELME 1	TVWXYZ	500	100	—	A
72952 Instruments designed for testing the types of electric arc devices under Export Control Commodity No. 72992 which are subject to the Import Certificate/Delivery Verification procedure. (Specify by name and model number.)	No.	ELME 1	TVWXYZ	500	100	—	A
72952 Instruments designed for testing ball-and-disc or cylinder-and-ball mechanical integrators, mechanical ball resolvers, and electro-optical de-	No.	ELME 1	TVWXYZ	500	100	—	A

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vices designed to monitor relative rotation of remote surfaces. (See Export Control Commodity No. 86191).							
72952 Waveform analyzing and/or testing instruments operating at frequencies of 300 megacycles per second or less. (Specify by name and model number.)	No.	ELME 8	WXYZ	—	—	100	B
72952 Radio testing instruments or apparatus, n.e.c.; digital voltmeters; and electrometers capable of measuring currents smaller than 0.01 microamperes.	No.	ELME 8	WXYZ	—	—	100	B
72952 Electrical quantity measuring and indicating instruments specially designed for aircraft (for example, current and voltage meters, phase meters, frequency meters, etc.).	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
72952 Aircraft instruments for measuring, indicating or controlling nonelectrical quantities by electrical or electronic means (for example, transducers, generators, indicators, regulators or controllers for pressure, level, vacuum, flow, temperature, rotative speed, etc.).	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
72952 Other instruments for measuring, indicating recording, controlling, or testing electrical or electronic quantities or characteristics, n.e.c.	No.	ELME 8	XYZ	—	—	100	B
72952 Personal nuclear radiation monitoring instruments enabling direct reading on a graduated scale as follows: (a) dosimeters, where more than one fourth of the total single exposure range falls between 15 and 500 roentgens, or (b) dose rate meters, where more than one fourth of the total range falls between 1 and 80 roentgens per hour, *excluding dosimeters and dose rate meters specially designed for use with medical radiation equipment.*	No.	SATE 1	TVWXYZ	500	25	—	A
72952 Nuclear radiation dosimeters capable of measuring dosages between 5 and 15 roentgens or over 500 roentgens in one exposure.	No.	SATE 2	TVWXYZ	1,000	1,000	—	
72952 Other nuclear radiation dosimeters capable of measuring dosages above 5 roentgens in one exposure.	No.	SATE 2	TVWXYZ	500	500	—	
72952 Nuclear radiation detection and measuring instruments and apparatus, electrical, magnetic, or electronics, specially designed for operation continuously or discontinuously at ambient temperatures below minus 130° C. (minus 202° F.)	No.	SATE 1	TVWXYZ	500	100	—	A
72952 Other nuclear radiation detection and measuring instruments and apparatus.	No.	SATE 8	XYZ	—	—	100	B

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Instruments for indicating, measuring, testing, recording, or controlling nonelectrical quantities, electric or electronic type. [Report parts in Export Control Commodity No. 86199]:							
72952 Underwater detection apparatus, *excluding marine depth sounders of a kind used solely for measuring the depth of water or the distance of submerged objects vertically below the apparatus.* (Specify by name and model number.)	No.	RARA 1	TVWXYZ	500	100	—	A
72952 Other underwater detection apparatus, n.e.c. (Specify by name and model number.)	No.	RARA 8	WXYZ	—	—	100	B
72952 Analog-to-digital and digital-to-analog converters as follows: (a) electrical-input types possessing (i) a peak conversion rate capability in excess of 50,000 complete conversions per second, (ii) an accuracy in excess of 1 part in more than 10,000 of full scale, or (iii) a figure of merit of 5 times 10^4 (derived from the number of complete conversions per second divided by the accuracy); (b) mechanical-input types (including but not limited to shaft-position encoders and linear displacement encoders, but excluding complex servo-follower systems), (i) rotary types having an accuracy of maximum incremental accuracy better than plus or minus 1 part in 10,000 of full scale, or of size 11 (1.1 inches in diameter) and smaller, (ii) linear displacement types having an accuracy better than plus or minus 5 microns; (c) employing solid state Hall Effect; or (d) designed to operate below minus 55° C, or above plus 125° C. (Specify model or type number.)	.....	ELME 1	TVWXYZ	500	100	—	A
72952 Combination balancing and correcting machines designed for or equipped with electronic closed loop control systems in which a continuous feedback of information from the actual operation results in continuous correction of control commands, *excluding those control systems designed solely for positioning operations.* (See § 399.2, Interpretation 7.)	No.	TOOL 9	TVWXYZ	500	—	—	A
72952 Combination balancing and correcting machines designed for or equipped with electronic closed loop control systems designed solely for positioning operations. (See § 399.2, Interpretation 7.)	No.	TOOL 2	TVWXYZ	500	—	—	
72952 Other balancing machines or balancing and correcting machines for balancing metal parts statically, dynamically or both.	No.	TOOL 8	WXYZ	—	—	100	B

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
72952 Other electronic industrial process control systems. (Specify by name.)	No.	GIEQ 2	TVWXYZ	500	100	—	
72952 Geophysical magnetomers of the following types: (a) fluxgate, (b) electron beam sensing, (c) paramagnetic,[1] (d) nucleonic, and (e) Hall Effect, excluding those which use general purpose Hall field probes to measure magnetic fields greater than one oersted using control current between 100 and 400 milliamperes. (Specify by name.)	No.	CONS 1	TVWXYZ	500	100	—	A
72952 Well-logging instruments and equipment. . .	No.	CONS 2	TVWXYZ	500	100	—	E–12
72952 Magnetic recorders and reproducers specially designed for seismographs. [Report seismic magnetic tapes in Export Control Commodity No. 89120.]	No.	CONS 1	TVWXYZ	500	100	—	A
72952 Other seismic or seismograph equipment, *except observatory type and subsurface engineering type.* (Specify by name.) [Report gravity meters in Export Control Commodity No. 86191.]	No.	CONS 2	TVWXYZ	500	100	—	
72952 Other geophysical and mineral prospecting equipment, electric.	No.	CONS 8	XYZ	—	—	100	B
72952 Instruments specially designed for measuring and checking gas turbine blades.	No.	TOOL 1	TVWXYZ	500	100	—	A
72952 Other size measuring instruments.	No.	TOOL 8	WXYZ	—	—	100	B
72952 Automatic equipment for controlling diameter or the concentricity of extruded dielectric on wires and cables.	No.	GIEQ 1	TVWXYZ	500	100	—	A
72952 Fluid stream analyzers. (Specify by name.)	No.	GIEQ 2	TVWXYZ	500	500	—	
72952 Process control instruments specially designed or modified for controlling the processing of irradiated fissionable or fertile materials and lithium.	No.	GIEQ 1	TVWXYZ	500	100	—	A
72952 Instruments or devices capable of controlling the dimensions of a rolled product during its production, excluding x-ray equipment. [Report industrial x-ray equipment in Export Control Commodity No. 72620.] (Specify by name.)	No.	GIEQ 2	TVWXYZ	500	100	—	
72952 Vacuum gauges, ionization type, designed for use with ion vacuum pumps having pumping speeds of 800 or more liters of hydrogen per second at pressures of 10^{-4} mm. Hg or more.	No.	GIEQ 1	TVWXYZ	500	—	—	A
72952 Other vacuum gauges, ionization type.	No.	GIEQ 2	TVWXYZ	1,000	1,000	—	
72952 Instruments or devices capable of automatically measuring the speed of sound *in situ* in water, and rated for differential sensitivity measurements of 1 part in 5,000 parts or better; and equipment containing such instruments or devices.	No.	SATE 1	TVWXYZ	500	100	—	A

[1] The term "paramagnetic" as used in this entry refers to the sensing of changes in magnetic field strength by measurement of the effects of such changes in the electron spin phenomena.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
72952 Centrifugal-action testing equipment. (Specify by name.)	No.	GIEQ 1	TVWXYZ	500	100	—	A
72952 Gear testers designed for the testing of gears of diametral pitch finer than 48. (See § 399.2, Interpretation 3.)	No.	TOOL 1	TVWXYZ	500	100	—	A
72952 Testing devices specially designed for testing electronic assemblies produced by: (a) depositing or printing on insulating panels, plates, or wafers or by otherwise forming "in situ" component parts other than basic wiring, (b) automatically inserting and/or soldering components on insulating panels, plates, or wafers to which wiring is applied by printing or other means, or (c) automatically or semi-automatically assembling, wiring, and/or packaging mounted modular insulated panels, plates, or wafers referred to in (a) and (b) above.	No.	GIEQ 1	TVWXYZ	500	—	—	A
72952 Testing equipment specially designed for use in the manufacture and assembly of communication, navigation, direction-finding, and radar equipment.	No.	GIEQ 1	TVWXYZ	500	—	—	A
72952 Testing and inspecting machines specially designed for the examination, testing and checking of arms, munitions, and implements of war.	No.	GIEQ 1	TVWXYZ	500	—	—	A
72952 Vibration testing equipment capable of providing a thrust greater than 2,000 lbs.	No.	GIEQ 1	TVWXYZ	500	500	—	A
72952 Industrial instruments (including sensing elements) capable of operation at, or performing tests at, temperatures below minus 130° C. (minus 202° F.).	No.	GIEQ 2	TVWXYZ	500	100	—	
72952 Testing and inspecting equipment specially designed for use in the production of types of electronic tubes, transistors, and crystal diodes or parts and components therefor included under Export Control Commodity No. 72930 which are subject to the Import Certificate/Delivery Verification procedure. (Specify by name.)	No.	GIEQ 1	TVWXYZ	500	—	—	A
72952 Other testing and inspecting equipment specially designed for use in the production of electronic tubes, transistors and crystal diodes or parts and components therefor. (Specify by name.)	No.	GIEQ 2	TVWXYZ	500	—	—	
72952 Other industrial process indicating, recording, and/or controlling instruments containing one or more electronic components (incorporating one or more electronic tubes or transistors), *excluding large case potentiometric instruments (that is, those with one face dimension 6 inches or larger)*. (Specify by name.)	No.	GIEQ 2	TVWXYZ	500	500	—	E-9
72952 Test benches, electrical, for automotive engines, brakes, pumps and speedometers.	No.	TRAN 8	XYZ	—	—	100	B
72952 Refrigerator defrosting clocks.....	No.	GIEQ 8	Z	—	—	—	B

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
72952 Other time interval measuring equipment having one or both of the following characteristics: (a) capable of measuring time intervals of 0.1 second or less with an error not exceeding 1 microsecond plus 0.001 percent of the interval measured, (b) incorporating counting circuits capable of counting at rates in excess of 1 megacycle per second. (Specify by name and model number.)	No.	ELME 2	TVWXYZ	500	100	—	
72952 Mass spectrographs and mass spectrometers, as follows: (a) all multifocus types (including double focus, tandem and cyclodial); or (b) single focus types possessing a radius of curvature of 5 inches or more. (Specify by name, model and number.)	No.	SATE 1	TVWXYZ	500	—	—	A
72952 Other mass spectrographs and mass spectrometers, *excluding mass spectrometer type leak detectors.* (Specify by name and model number.)	No.	SATE 2	TVWXYZ	500	—	—	
72952 Electro-optical instruments designed to monitor relative rotation of remote surfaces.	No.	SATE 1	TVWXYZ	500	100	—	A
72952 Electrophotometers, spectrographs, spectrophotometers, densitometers, microphotometers, and other spectrum measuring instruments, optical.	No.	SATE 8	WXYZ	—	—	100	B
72952 Research laboratory cryogenic instruments and apparatus, electrical, magnetic or electronic, specially designed for operation continuously or discontinuously at ambient temperatures below minus 130° C. (minus 202° F.).	No.	SATE 1	TVWXYZ	500	100	—	A
72952 Other research laboratory instruments and apparatus capable of maintaining an ambient temperature below minus 130° C. (minus 202° F.). (Specify by name.)	No.	SATE 2	TVWXYZ	500	100	—	
72952 Other laboratory and scientific instruments for indicating, measuring, testing, inspecting, or controlling nonelectrical quantities by means of an electric phenomenon.	No.	SATE 8	XYZ	—	—	100	B
72952 Electronic physical properties testing and products testing and inspecting machines or equipment, n.e.c., incorporating circuitry designed to use two or more electronic tubes or transistors. (Specify by name.)	No.	GIEQ 2	TVWXYZ	1,000	1,000	—	
72952 Other instruments for indicating, measuring, testing, inspecting, or controlling nonelectrical quantities by means of an electric phenomenon.	No.	GIEQ 8	XYZ	—	—	100	B

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
72960 Other electromechanical hand tools; and parts.	.....[1]	ELME 8	XYZ	—	—	100	B
72970 Belt-type electro-static generators (Van De Graaff® machines).	No.	ELME 2	TVWXYZ	500	—	—	
72970 Parts specially designed for belt-type electro-static generators (Van De Graaff® machines).	.....	ELME 2	TVWXYZ	500	500	—	E-6
72970 Accelerators, as follows: (a) betatrons, synchrotrons, cyclotrons, synchrocyclotrons, and linear accelerators, (b) neutron generators employing the electrostatic acceleration of ions, and (c) other electronuclear machines capable of imparting energies in excess of 1,000,000 electron volts to a nuclear particle or an ion.	No.	SATE 2	TVWXYZ	500	—	—	
72970 Neutron generator tubes designed for operation without external vacuum system, and utilizing electrostatic acceleration to induce a tritium deuterium nuclear reaction.	No.	SATE 1	TVWXYZ	500	—	—	A
72970 Parts, n.e.c., specially designed for electronuclear machines capable of imparting energies in excess of 1,000,000 electron volts to a nuclear particle or ion.	.....	SATE 2	TVWXYZ	500	25	—	
72970 Other parts specially designed for betatrons, synchrotrons, cyclotrons, synchrocyclotrons, neutron generators employing the electrostatic acceleration of ions, and other linear accelerators.	.....	SATE 2	TVWXYZ	500	500	—	
72970 Other electron and proton accelerators; and parts.	.....[2]	SATE 8	XYZ	—	—	100	B
72991 Magnets specially designed for electro-nuclear machines capable of imparting energies in excess of 1,000,000 electron volts to a nuclear particle or an ion.	.....[2]	SATE 2	TVWXYZ	500	25	—	
72991 Electro-magnetic and permanent magnet chucks, clamps, vices and similar work holders, specially designed for metalworking machines and machine tools (Export Control Commodity No. 71510) which are subject to the Import Certificate/Delivery Verification procedure.	.....	TOOL 1	TVWXYZ	500	500	—	A
72991 Electro-magnetic and permanent magnet chucks, clamps, vices and similar work holders, specially designed for metalworking machines and machine tools (Export Control Commodity No. 71510) requiring a validated license to all countries, except Canada but not subject to the Import Certificate/Delivery Verification procedure.	.....	TOOL 2	TVWXYZ	1,000	1,000	—	

® Trademark registered in the Patent Office of the United States.
[1] Report electric drills, mining and construction, in "number."
[2] Report complete accelerators (assembled or unassembled) in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
72991 Permanent magnets with a composition capable of an energy product greater than 6 times 10^6 gauss-oersteds. (Specify characteristics.)	Lb.	FINP 3	TVWXYZ	500	25	—	A E-8
72991 Other permanent magnets containing more than 25 percent cobalt. (Specify characteristics.)	Lb.	FINP 4	TVWXYZ	1,000	1,000	—	E-8
72991 Other electro-magnetic and permanent magnet chucks, clamps, vices and similar work holders for metalworking machines and machine tools.	.....	TOOL 8	WXYZ	—	—	100	B
72991 Permanent magnets made of iron or steel...	Lb.	FINP 8	YZ	—	—	—	B
72991 Other permanent magnets and electro-magnets; and electro-magnetic appliances.	.....[1]	FINP 8	XYZ	—	—	100	B
72992 Induction hardening machines for tank turret rings and sprockets; and furnaces, welding apparatus and other equipment specially designed for the production of arms, munitions, or implements of war.[3] (Specify by name, type and characteristics.)	.....[2]	ELME 1	TVWXYZ	500	—	—	A
72992 Electric vacuum furnaces as follows: (a) consumable electrode vacuum arc furnaces with a capacity in excess of 5 tons, (b) skull type vacuum arc furnaces, (c) electron beam vacuum furnaces, (d) resistance vacuum furnaces designed to operate at temperatures higher than 1650° C. (3002° F.), *excluding furnaces up to 3200 cubic centimeters designed for temperatures not higher than 2300° C. (4172° F.)*, (e) cold crucible vacuum induction furnaces designed to operate at pressures lower than 0.1 millimeter of mercury and at temperatures higher than 1100° C. (2012° F.), or (f) vacuum induction furnaces other than cold crucible, designed to operate at temperatures higher than 1650° C. (3002° F.), *excluding furnaces with a work piece space of 13,000 cubic centimeters or less and designed to operate not higher than 1900° C. (3452° F.), and furnaces with a work piece space of 3200 cubic centimeters or less with no single dimension (length, width, height or diameter) of that space in excess of 10 inches and designed to operate at temperatures not higher than 2300° C. (4172° F.)*. (Specify by name and characteristics.)	No.	ELME 1	TVWXYZ	500	—	—	A
72992 Electric furnaces specially designed or modified to be capable of purifying or processing one or more semiconductor materials, *excluding equip-*	No.	ELME 1	TVWXYZ	500	—	—	A

[1] Report permanent magnets in "pound."
[2] Report complete furnaces, ovens, heating units and welders (assembled or unassembled) in "number."
[3] Arms, munitions and implements of war are all items designated in paragraph 370.5(a), Categories I through XVI.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
ment specially designed for the zone purification of germanium. (Specify by name and characteristics.)							
72992 Electric furnaces specially designed for the production or processing of vapor deposited (pyrolytic) graphite or doped graphites whether as standing bodies, coatings, linings, or substrates. (Specify by name and characteristics.)	No.	ELME 2	TVWXYZ	500	—	—	
72992 Other electric industrial melting, refining and metal heat-treating furnaces. (Specify by name and characteristics.)	No.	ELME 2	TVWXYZ	500	—	—	
72992 Parts specially designed for the furnaces under Export Control Commodity No. 72992 which are subject to the Import Certificate/Delivery Verification procedure. (Specify by name and type of furnace.)	.....	ELME 1	TVWXYZ	500	100	—	A
72992 Other parts for furnaces under Export Control Commodity No. 72992 which require a validated export license to Country Groups T, V, W, X, Y, and Z. (Specify by name and type of furnace.)	.....	ELME 2	TVWXYZ	1,000	1,000	—	
72992 Ovens, infra-red and high frequency, for biscuit baking, industrial; and parts.	.....[1]	GIEQ 8	Z	—	—	—	B
72992 Electric arc devices, n.e.c., for generating a flow of ionized gas in which the arc column is constricted, *excluding devices wherein the flow of gas is for isolation purposes only;* equipment incorporating such devices; and specially designed parts, accessories and controls, n.e.c.	.....	ELME 1	TVWXYZ	500	—	—	A
72992 Electron beam welders, *excluding equipment using the "sparking" technique, or continuous vacuum roll coating machines having a voltage not in excess of 20 KV, having a fixed electron beam gun and no accurate control of the thickness of the deposited layer.*	No.	ELME 1	TVWXYZ	500	—	—	A
72992 Parts and accessories specially designed for electron beam welders under Export Control Commodity No. 72992 which are subject to the Import Certificate/Delivery Verification procedure.	.....	ELME 1	TVWXYZ	500	500	—	A
72992 Automatic pipe welding machines capable of welding the joints of steel pipe of a size greater than 19 inches o.d.	No.	ELME 2	VWXYZ	—	—	—	
72992 Parts and accessories specially designed for automatic pipe welding machines capable of welding the joints of steel line pipe of a size greater than 19 inches o.d.	.....	ELME 2	VWXYZ	—	1,000	—	
72992 Other electric welding and cutting apparatus; and other industrial electric induction and dielectric heating equipment; and parts.	.....[2]	ELME 8	XYZ	—	—	100	B

[1] Report complete ovens (assembled or unassembled) in "number."
[2] Report complete welders (assembled or unassembled) in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
72992 Dental furnaces, electric; and parts.....	.....[1]	ELME 8	Z	—	—	—	B
72992 Other electric furnaces and ovens; and parts.	.....[1]	ELME 8	XYZ	—	—	100	B
72993 Aerodrome (airport) beacons, flashing, electric; and parts.	.....[1]	ELME 8	XYZ	—	—	100	B
72993 Railway traffic control equipment; and parts. (Specify by name.)	.....	TRAN 8	XYZ	—	—	100	B
72993 Traffic signal lights; and parts.....	.....	ELME 8	Z	—	—	—	B
72993 Other electric traffic control equipment; and parts.	.....	ELME 8	XYZ	—	—	100	B
72994 Flashing, intermittent, and rotating lights for aircraft; and parts.	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
72994 Aircraft alarm, warning, and signalling instruments, n.e.c. (for example, fire detectors and indicators, engine failure indicators, wheel, flap, cowl flap, control position indicators, etc.); and parts.	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
72994 Other electric sound or visual signalling apparatus, n.e.c.; and parts.	.....	ELME 8	XYZ	—	—	100	B
72995 Electronic capacitors designed for and/or capable of reliable performance in relation to their electrical and mechanical characteristics and maintaining their design service life-time while operating over the whole range of ambient temperatures from below minus 45° C. to above plus 100° C., or at ambient temperatures of 200° C. or higher (specify by name and type number); and parts (specify by name).	.....[2]	RARA 1	TVWXYZ	500	250	—	A
72995 Tantalum or niobium electrolytic capacitors as follows: (a) types designed to operate permanently at temperatures over 85° C., (b) sintered types, or (c) foil types (specify by name and type number); and parts (specify by name).	.....[2]	RARA 1	TVWXYZ	500	100	—	A
72995 Other tantalum electrolytic capacitors; and parts. (Specify by name and type number.)	.....[2]	RARA 2	TVWXYZ	500	100	—	
72995 Other capacitors for electronic applications; and parts. (Specify by name and type number.)	.....[2]	RARA 8	XYZ	—	—	100	B
72995 Ignition capacitors (condensers), and parts designed for aircraft.	.....[2]	TRAN 2	TVWXYZ	500	500	—	E-2
72995 Ignition capacitors (condensers), and parts designed for automotive vehicles.	.....[2]	TRAN 8	WXYZ	—	—	100	B
72995 Power capacitors (static condensers) for power factor correction.	No.	ELME 8	Z	—	—	—	B
72995 Other capacitors (condensers), n.e.c.; and parts.	.....[2]	ELME 8	XYZ	—	—	100	B

[1] Report complete furnaces, ovens, heating units and welders (assembled or unassembled) in "number."
[2] Report capacitors (condensers) in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
72996 Brush stock, artificial graphite, whether or not containing other materials to give improved performance at high temperatures, having an apparent relative density of 1.90 and greater, *excluding non-pyrolytic graphite of density between 1.90 and 1.95 when compared to water at 15.5° C. (60° F.).*	.....	ELME 1	TVWXYZ	500	500	—	A E-6
72996 Brush stock, artificial graphite, smallest dimension 2 inches or over, and having a boron content of one part per million or less. (Specify size and boron content in parts per million.)	.....	ELME 1	TVWXYZ	500	500	—	A E-6
72996 Brush stock, artificial graphite, non-pyrolytic, having an apparent relative density between 1.90 and 1.95 when compared to water at 15.5° C. (60° F.), in such forms as will not pass through a two-inch square hole.	.....	ELME 2	TVWXYZ	1,000	1,000	—	E-6
72996 Other brush stock, artificial graphite, smallest dimension 2 inches or over. (Specify size and boron content in parts per million.)	.....	ELME 2	TVWXYZ	1,000	1,000	—	E-6
72996 Lighting carbons, artificial graphite, whether or not containing other materials to give improved performance at high temperatures, having an apparent relative density of 1.90 and greater, *excluding non-pyrolytic graphite of density between 1.90 and 1.95 when compared to water at 15.5° C. (60° F.).*	.....	ELME 1	TVWXYZ	500	500	—	A E-6
72996 Lighting carbons, artificial graphite, smallest dimension 2 inches or over, and having a boron content of one part per million or less. (Specify size and boron content in parts per million.)	.....	ELME 1	TVWXYZ	500	500	—	A E-6
72996 Lighting carbons, artificial graphite, non-pyrolytic, having an apparent relative density between 1.90 and 1.95 when compared to water at 15.5° C. (60° F.), in such forms as will not pass through a two inch square hole.	.....	ELME 2	TVWXYZ	1,000	1,000	—	E-6
72996 Other lighting carbons, artificial graphite, smallest dimension 2 inches or over. (Specify size and boron content in parts per million.)	.....	ELME 2	TVWXYZ	1,000	1,000	—	E-6
72996 Electrical carbons, *excluding brushes, brush stock and lighting carbons,* artificial graphite, smallest dimension 2 inches or over, having a boron content of one part per million or less. (Specify by size.)	.....[1]	MINL 1	TVWXYZ	500	500	—	A E-8
72996 Electrical carbons, *excluding brushes, brush stock and lighting carbons,* artificial graphite, whether or not containing other materials to give	.....[1]	MINL 1	TVWXYZ	500	500	—	A

[1] Report electrodes for furnace or electrolytic use in "pound."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
improved performance at high temperatures, having an apparent relative density of 1.90 and greater, *excluding non-pyrolytic graphite of density between 1.90 and 1.95 when compared to water at 15.5° C. (60° F.).*							
72996 Other pyrolytic graphite electrical carbons..	.....[1]	MINL 2	TVWXYZ	500	500	—	
72996 Electrical carbons, *excluding brushes, brush stock and lighting carbons,* non-pyrolytic artificial graphite having an apparent relative density between 1.90 and 1.95 when compared to water at 15.5° C. (60° F.), in such forms as will not pass through a two-inch square hole.	.....[1]	MINL 2	TVWXYZ	1,000	1,000	—	E-8
72996 Electrical carbons, *excluding brushes, brush stock and lighting carbons,* artificial graphite, smallest dimension 2 inches or over. (Specify by name, size, and boron content in parts per million.)	.....[1]	MINL 2	TVWXYZ	1,000	1,000	—	E-8
72996 Other lighting carbons, brush stock, and carbon brushes.	.....[1]	ELME 8	XYZ	—	—	100	B
72996 Other electrical carbons.....	.....[1]	MINL 8	YZ	—	—	—	B
Electronic and electrical parts of machinery and appliances, n.e.c.:							
72998 Electronic resistive, inductive and/or capacitive components, n.e.c., designed for and/or capable of reliable performance in relation to their electrical and mechanical characteristics and maintaining their design service lifetime while operating over the whole range of ambient temperatures from below minus 45° C. to above plus 100° C., or at ambient temperatures of 200° C. or higher; and specially designed parts. (Specify by name and type number.)	.....	RARA 1	TVWXYZ	500	250	—	A
72998 Radiant energy type thermal detecting cells (for example, bolometers and thermocouple detectors) with a response time constant of less than 10 milliseconds measured at the operating temperature of the cell for which the time constant reaches a minimum. (Specify by name and model number.)	.....	RARA 1	TVWXYZ	500	100	—	A
72998 Quartz crystals, processed, mounted or unmounted. (Specify by type number.)	.....	RARA 1	TVWXYZ	500	100	—	A
72998 Electronic equipment, n.e.c., and components, n.e.c., as follows: (a) assemblies and subassemblies constituting one or more functional circuits with a component density greater than 75 parts per cubic inch, and equipment containing such	.....	RARA 1	TVWXYZ	500	250	—	A

[1] Report electrodes for furnace or electrolytic use in "pound."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
assembly or subassembly, or (b) modular insulator panels (including wafers) mounting single or multiple electronic elements; and specially fabricated parts, n.e.c. (Specify by name and type number.)							
72998 The following devices, or equipment containing such devices, when made of crystals having spinel, hexagonal, or garnet crystal structures, or thin film devices: (a) monocrystals of ferrites and synthetic garnets; (b) single-aperture forms having (i) switching speed of 0.5 microsecond or less at the minimum field strength required for switching at 40° C., or (ii) a maximum dimension less than 45 mils (1.14 mm); (c) multi-aperture forms having (i) switching speed of 1 microsecond or less at the minimum field strength required for switching at 40° C., or (ii) a maximum dimension less than 100 mils (2.54 mm); (d) multi-aperture forms having 10 or more apertures; (e) thin film memory storage or switching devices; (f) electrical filters in which the coupling elements make use of the electro-mechanical properties of ferrites; or (g) materials suitable for application in electromagnetic devices making use of gyromagnetic resonance phenomenon; and specially fabricated parts and accessories, n.e.c. (Specify by name and characteristics.)	.....	RARA 1	TVWXYZ	500	100	—	A
72998 Parts and components fabricated of beryllium oxide ceramic. (Specify by name.)	.....	RARA 2	TVWXYZ	500	100	—	
72998 Other electronic components, n.e.c., designed to operate over the range of ambient temperatures from below minus 45° C. to above plus 100° C., or at ambient temperatures of 200° C. or higher; and specially fabricated parts, n.e.c. (Specify by name and type number.)	.....	RARA 2	TVWXYZ	500	500	—	
72998 Bakelite® knobs; cabinets, *excluding wood;* fiber washers; lightning arrestors; lightning protectors; pilot lamp holders; and serrated washers.	.....	RARA 8	Z	—	—	—	B
72998 Other electronic components and parts, n.e.c. (Specify by name.)	.....	RARA 8	WXYZ	—	—	100	B
72998 Other electrical components and parts, n.e.c.	.....	ELME 8	XYZ	—	—	100	B
72999 Signal generators specially designed for testing or calibrating the direction finding equipment, navigational apparatus, or radar equipment included under Export Control Commodity Nos. 72499 and 86191; and specially designed parts. (Specify by name and model number.)	.....[1]	ELME 1	TVWXYZ	500	500	—	A

® Trademark registered in the Patent Office of the United States.
[1] Report complete generators (assembled or unassembled) in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
72999 Pulse generators specially designed for use with magnetic core testers; and specially designed parts.	.....[1]	ELME 1	TVWXYZ	500	500	—	A
72999 Signal generators having *either* of the following characteristics: (a) designed to operate at frequencies in excess of 1,000 megacycles or (b) rated to maintain their specific operating data when operating over a range of ambient temperatures extending from below minus 25° C. to above plus 55° C.; and specially designed parts. (Specify by name and model number.)	.....[1]	ELME 1	TVWXYZ	500	500	—	A
72999 Other signal generators operating at frequencies of 300 megacycles and over; and specially designed parts. (Specify by name and model number.)	.....[1]	ELME 2	TVWXYZ	1,000	1,000	—	
72999 Other signal generators, n.e.c., and specially designed parts and accessories, n.e.c.	.....[1]	ELME 8	XYZ	—	—	100	B
72999 Synchros and resolvers having any of the following characteristics: (a) a rated electrical error of 10 minutes or less, or of 0.5 percent or less of maximum output voltage, (b) a rated dynamic accuracy for receiver types of 1° or less, except that for units of size 30 (3 inches in diameter) or larger a rated dynamic accuracy of less than 1°, (c) multispeed from single shaft types, (d) of size 11 (1.1 inches in diameter) and smaller; (e) employing solid state Hall effect, (f) designed for gimbal mounting, or (g) designed to operate below minus 55° C. or above plus 125° C. (specify by name and model number); and specially designed parts and accessories, n.e.c.	.....	ELME 1	TVWXYZ	500	—	—	A
72999 Other instruments which perform functions similar to synchros or resolvers (for example, Microsyns, Synchrotel®, and Inductosyns®, and which have *any* of the following characteristics: (a) a rated electrical error of 10 minutes or less, or of 0.5 percent or less of maximum output voltage, or (b) a rated dynamic accuracy for receiver types of 1° or less, except that for units of size 30 (3 inches in diameter) or larger a rated dynamic accuracy of less than 1° (specify by name and model number); and specially designed parts and accessories, n.e.c.	.....	ELME 1	TVWXYZ	500	—	—	A

® Trademark registered in the Patent Office of the United States.
[1] Report complete generators (assembled or unassembled) in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
72999 Other servo control units, synchros, resolvers, linear induction potentiometers, induction rate generators, and servo motors; and specially designed parts and accessories, n.e.c.	.....	ELME 2	TVWXYZ	500	500	—	
72999 Induction potentiometers (including function generators and linear synchros), linear and nonlinear, having *any* of the following characteristics: (a) a rated conformity of 0.5 percent or less, or of 18 minutes or less, (b) of size 11 (1.1 inches in diameter) and smaller, (c) employing solid state Hall effect, (d) designed for gimbal mounting, or (e) designed to operate below minus 55° C. or above plus 125° C. (specify by name and model number); and specially designed parts and accessories, n.e.c.	.....	ELME 1	TVWXYZ	500	100	—	A
72999 Induction rate (tachometer) generators, synchronous and asynchronous, having *any* of the following characteristics: (a) a rated linearity of 0.5 percent or less, (b) all temperature-compensated or temperature-corrected types, (c) of size 11 (1.1 inches in diameter) and smaller, (d) employing solid state Hall effect, or (e) designed to operate below minus 55° C. or above plus 125° C. (specify by name and model number); and specially designed parts and accessories, n.e.c.	.....	ELME 1	TVWXYZ	500	100	—	A
72999 Servo motors (gear head or plain), having *any* of the following characteristics: (a) designed to operate from power sources of more than 300 cycles per second, *excluding those designed to operate from power sources of over 300 cycles per second up to and not exceeding 400 cycles per second with a temperature range of from minus 10° C. to plus 55° C.*, (b) designed to have a torque-to-inertia ratio of 10,000 radians per second or greater (c) incorporating special features to secure internal damping, (d) of size 11 (1.1 inches in diameter) and smaller, (e) employing solid state Hall effect, or (f) designed to operate below minus 55° C. or above plus 125° C. (specify by name and model number); and specially designed parts and accessories, n.e.c.	.....	ELME 1	TVWXYZ	500	100	—	A
72999 Semiconductor Hall field probes having any of the following characteristics: (a) made of indium-arsenide-phosphide (In As P), (b) coated with ceramic or ferritic materials (for example, special field probes such as tangential field probes, multipliers, modulators, recorder probes, etc.), or (c)	.....	ELME 1	TVWXYZ	500	50	—	A

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
with an open circuit sensitivity greater than 0.12 volts per ampere kilogauss; and specially designed parts and accessories, n.e.c.							
72999 Thermoelectric devices, as follows: (a) junctions and combinations of junctions using any thermoelectric material having a maximum product of the figure of merit (Z)[1] and the temperature (T in °K) in excess of 0.75, (b) heat absorbing and/or electrical power generating devices containing any of the aforementioned junctions, or (c) other power generating devices which generate in excess of 10 watts per pound or 500 watts per cubic foot of the devices' basic thermoelectric components[2] (specify by name and model number); and specially designed parts, components, and sub-assemblies, n.e.c.	.....	ELME 1	TVWXYZ	500	—	—	A
72999 Electrical apparatus, specially designed for operation at temperatures below minus 130° C. and specially designed parts. (Specify by name.)	.....	ELME 1	TVWXYZ	500	100	—	A
72999 Electrical apparatus, n.e.c., and parts, n.e.c., *the following only:* drive-in windows for bank deposits, electrically operated; fountains, decorative; insect control units; insect killers; metal signs, electric; neon signs, neorite units (control of neon sign animation); sign flashers; sign letters, signs, electric; window-opening devices, commercial-type, electrically operated.	.....	ELME 8	Z	—	—	—	B
72999 Electric windshield wipers, and parts, n.e.c., except for motor vehicles. [Report electric windshield wipers for motor vehicles in Export Control Commodity No. 72942.]	.....	TRAN 8	XYZ	—	—	100	B
72999 Other electrical apparatus, n.e.c.[3]	.....	ELME 8	XYZ	—	—	100	B
TRANSPORT EQUIPMENT							
73101 Industrial and mining type locomotives. [Report parts in Export Control Commodity No. 73170.]	No.	CONS 8	XYZ	—	—	100	B
73101 Railway locomotives, including tenders. [Report electrical controls in Export Control Commodity No. 72220, and parts in No. 73170.]	No.	TRAN 8	XYZ	—	—	100	B
73105 Railway cars, new, used, or rebuilt, as follows: (a) equipped with jacketed containers of 250 to 500 gallon capacity, designed for the handling of liquid fluorine; or (b) equipped with jacketed containers of 500 gallon capacity or over,	No.	TRAN 1	TVWXYZ	500	500	—	A

[1] The figure of merit (Z) equals Seebeck coefficient squared, divided by the product of electrical resistivity and thermal conductivity.
[2] The weight and cubic measurements in part (c) of this entry are not intended to encompass the complete device, but to include only the the thermoelectric elements and assembly and the components for *pumping calories*. Other components, such as heating and/or cooling sources or containers, device frames or stands, and control equipment, are not to be included in the calculations.
[3] Mine detectors require export authorization from the U. S. Department of State. See paragraph 370.5(a).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
designed for liquid nitrogen, oxygen, hydrogen, ozone, helium, argon, or fluorine, *excluding 2-shell or 3-shell containers rated for an average evaporation loss of over 5 percent per 24-hour period.*[1, 2] [Report parts in Export Control Commodity No. 73170.]							
73105 Railway cars, new, used, or rebuilt, equipped with other liquefied gas jacketed containers of 500 gallon capacity or over.[1, 3] [Report parts in Export Control Commodity No. 73170.]	No.	TRAN 2	TVWXYZ	500	500	—	
73105 Other railroad and street cars, excluding locomotives. [Report parts in Export Control Commodity No. 73170.] [3]	No.	TRAN 8	XYZ	—	—	100	B
73105 Industrial and mine rail cars. [Report parts in Export Control Commodity No. 73170.]	No.	CONS 8	XYZ	—	—	100	B
73163 Road-rail and similar containers suitable for transport by rail, road, and ship. [Report parts in Export Control Commodity No. 73170.]	No.	TRAN 8	XYZ	—	—	100	B
73170 Parts specially designed for railway cars, as follows: (a) jacketed containers of 250 to 500 gallon capacity, designed for the handling of liquid fluorine; or (b) jacketed containers of 500 gallon capacity or over, designed for liquid nitrogen, oxygen, hydrogen, ozone, helium, argon, or fluorine, *excluding 2-shell or 3-shell containers rated for an average evaporation loss of over 5 percent per 24-hour period.*[1, 2]	.....	TRAN 1	TVWXYZ	500	500	—	A
73170 Other liquefied gas jacketed containers of 500 gallon capacity or over, designed as parts for railway cars.[1]	.....	TRAN 2	TVWXYZ	500	500	—	
73170 Parts, n.e.c., for industrial mine and rail cars.	.....	CONS 8	XYZ	—	—	100	B
73170 Axles and wheels for locomotives and railway cars.	S. ton	STEE 8	Z	—	—	—	B
73170 Other parts for railway locomotives and rolling stock, n.e.c.	.....	TRAN 8	XYZ	—	—	100	B
73201 Military passenger cars, new or used (assembled or unassembled), possessing or built to current military specifications differing materially from their normal commercial specifications.	No.	TRAN 1	TVWXYZ	500	—	—	A
73201 Other military passenger cars, new or used (assembled or unassembled).	No.	TRAN 8	WXYZ	—	—	100	B
73201 Nonmilitary passenger cars, new or used (assembled or unassembled), having front and rear axle drive.	No.	TRAN 8	WXYZ	—	—	100	B
73201 Other nonmilitary passenger cars, new or used (assembled or unassembled).	No.	TRAN 8	XYZ	—	—	100	B

[1] A jacketed container is a thermos container that has more than one wall and is insulated by a vacuum or by insulation material.
[2] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.
[3] Armored railroad cars require export authorization from the U. S. Department of State. See paragraph 370.5(a).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
73202 Military and nonmilitary trucks, truck chassis, and truck tractors, new or used, all fuels, as follows: (a) equipped with jacketed containers of 250 to 500 gallon capacity, designed for the handling of liquid fluorine, or (b) equipped with jacketed containers of 500 gallon capacity or over, designed for liquid nitrogen, oxygen, hydrogen, ozone, helium, argon, or fluorine, *excluding 2-shell or 3-shell containers rated for an average evaporation loss of over 5 percent per 24-hour period.*[1, 2]	No.	TRAN 1	TVWXYZ	500	—	—	A
73202 Military and nonmilitary trucks, truck chassis and truck tractors, new or used, all fuels, equipped with other liquefied gas jacketed containers of 500 gallons capacity or over.[1]	No.	TRAN 2	TVWXYZ	500	—	—	
73202 Military trucks, truck chassis, and truck tractors, new or used (assembled or unassembled), possessing or built to current military specifications differing materially from their normal commercial specifications.	No.	TRAN 1	TVWXYZ	500	—	—	A
73202 Other military trucks, truck chassis, and truck tractors, new or used (assembled or unassembled).	No.	TRAN 8	WXYZ[3]	—	—	100	B
73202 Nonmilitary trucks, truck chassis, and truck tractors, new or used (assembled or unassembled), having front and rear axle drive.	No.	TRAN 8	WXYZ[3]	—	—	100	B
73202 Other nonmilitary trucks, truck chassis and truck tractors, new or used (assembled or unassembled.	No.	TRAN 8	XYZ	—	—	100	B
73203 Off-the-road vehicles which possess or are built to current military specifications differing materially from normal commercial specifications.[4]	No.	CONS 1	TVWXYZ	500	—	—	A
73203 Other off-the-road vehicles having an axle load rating of 47,500 lbs. or more for any one axle assembly (whether the axle assembly consists of one or two axles.) (Specify type and axle load rating.)[4]	No.	CONS 2	VWXYZ	—	—	—	E-11
73203 Other off-the-road vehicles.[3]	No.	CONS 8	XYZ	—	—	100	B
73203 Other vehicles which possess or are built to current military specifications differing materially from normal commercial specifications. (See § 399.2, Interpretation 19.)	No.	TRAN 1	TVWXYZ	500	—	—	A

[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.
[2] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.
[3] A validated export license is also required for any exportation to Indonesia of the commodities described in this entry.
[4] "Off-the-road" vehicles are interpreted, for purposes of export control, to be those which, without modification by increase of standard tire size and/or spacing have an overall width of over 98 inches as measured from outside of rear tires.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
73203 Military searchlight trucks (trucks mounted with power-controlled searchlights designed for military use). (Specify by name.)	No.	ELME 1	TVWXYZ	500	—	—	A
73203 Other searchlight trucks.....	No.	ELME 8	XYZ	—	—	100	B
73203 Trucks mounted with telecommunications equipment (including radar). [See Export Control Commodity No. 72499.] (Specify mounted equipment.)	No.	Export controls applicable to vehicles included in this entry are those which apply to the equipment mounted on the vehicle.					
73203 Truck-mounted excavator-type power cranes and shovels, full revolving, possessing or built to current military specifications differing materially from normal commercial specifications *and* specially designed for airborne transport.	No.	CONS 1	TVWXYZ	500	—	—	A
73203 Other truck-mounted excavator-type power cranes and shovels, full revolving, over 1 cu. yd. dipper capacity, or over 30 tons crane lifting capacity. (Specify type and capacity.)	No.	CONS 2	VWXYZ	—	—	—	E-11
73203 Other truck cranes, drag lines and shovels..	No.	CONS 8	XYZ	—	—	100	B
73203 Military and nonmilitary vehicles, new or used, as follows: (a) equipped with jacketed containers of 250 to 500 gallon capacity, designed for the handling of liquid fluorine; or (b) equipped with jacketed containers of 500 gallon capacity or over, designed for liquid nitrogen, oxygen, hydrogen, ozone, helium, argon, or fluorine, *excluding 2-shell or 3-shell containers rated for an average evaporation loss of over 5 percent per 24-hour period.*[1, 2]	No.	TRAN 1	TVWXYZ	500	—	—	A
73203 Pressure refuelers. (Specify whether military or nonmilitary.)	No.	TRAN 1	TVWXYZ	500	—	—	A
73203 Military and nonmilitary vehicles, new or used, equipped with other liquefied gas jacketed containers of 500 gallons capacity or over.[1]	No.	TRAN 2	TVWXYZ	500	—	—	
73203 Other special-purpose military vehicles, all types; and other special-purpose commercial vehicles having front and rear-axle drive.	No.	TRAN 8	WXYZ	—	—	100	B
73203 Other special-purpose commercial vehicles..	No.	TRAN 8	XYZ	—	—	100	B
73203 Special purpose vehicles specially designed or equipped for geophysical use (for example, well-logging, seismograph, etc.)	No.	CONS 2	TVWXYZ	500	100	—	E-12
73203 Special purpose vehicles specially designed or equipped for oilfield use (for example, cementing, perforating, acidizing, fracturing, etc.)	No.	CONS 2	VWXYZ	—	500	—	E-12
73203 Truck-mounted rotary drill rigs incorporating rotary tables with drawworks designed for an input of 150 horsepower and over.	No.	CONS 2	VWXYZ	—	—	—	

[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.
[2] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
73203 Other truck-mounted drill rigs.....	No.	CONS 8	XYZ	—	—	100	B
73203 Truck-mounted concrete mixers (built-in mixers); mobile bituminous combination batching-mixing outfits; mobile gravel and tar spreaders; mobile derricks; snow plows, road motor, self propelled with built-in equipment; Towermobiles®; and rubber-tired mine shuttle cars.	No.	CONS 8	XYZ	—	—	100	B
73203 Commercial truck carriers, nonmilitary, specially designed for mounting excavator type power cranes and shovels full revolving, over 1 cubic yard dipper capacity or over 30 tons crane lifting capacity. (Specify type and capacity of mounted unit.)	No.	CONS 2	VWXYZ	—	—	—	
73204 Motor busses which possess or are built to current military specifications differing materially from normal commercial specifications.	No.	TRAN 1	TVWXYZ	500	—	—	A
73204 Other military busses; and commercial busses having front and rear axle drive.	No.	TRAN 8	WXYZ	—	—	100	B
73204 Other commercial busses.....	No.	TRAN 8	XYZ	—	—	100	B
73205 Truck bodies, commercial and military, as follows: (a) equipped with jacketed containers of 250 to 500 gallons capacity, designed for liquid fluorine; or (b) equipped with jacketed containers of 500 gallon capacity or over, designed for liquid nitrogen, oxygen, hydrogen, ozone, helium, argon or fluorine, *excluding 2-shell or 3-shell containers rated for an average evaporation loss of over 5 percent per 24-hour period.*[1, 2]	No.	TRAN 1	TVWXYZ	500	—	—	A
73205 Truck bodies, commercial and military, equipped with other liquefied gas jacketed containers of 500 gallons capacity or over.[1]	No.	TRAN 2	TVWXYZ	500	—	—	
73205 Other military truck and bus bodies.....	No.	TRAN 8	WXYZ[3]	—	—	100	B
73205 Other commercial truck bodies; and all commercial bus bodies.	No.	TRAN 8	XYZ	—	—	100	B
73280 Parts and accessories specially designed for wheel tractors of 125 power takeoff horsepower or over, *excluding contractors' off-highway tractors.*	.....	AGSU 2	VWXYZ	—	—	—	
73280 Parts and accessories for garden tractors (8 horsepower and under).	.....	AGSU 8	YZ	—	—	—	B
73280 Other parts and accessories for wheel tractors, *excluding contractors' off-highway tractors.*	.....	AGSU 8	XYZ	—	—	100	B
73280 Parts and accessories specially designed for the following tractors when possessing or built to current military specifications differing materially from their normal commercial specifications: (a)	.....	CONS 1	TVWXYZ	500	—	—	A

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[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.

[2] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

[3] A validated export license is also required for any exportation to Indonesia of military truck bodies.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
off-highway wheel tractors, and (b) tracklaying tractors. (Specify that parts and accessories are for military type tractors.)							
73280 Parts and accessories, *excluding cabs and cab guards (canopy tops)*, specially designed for nonmilitary type tractors and off-the-road vehicles as follows: (a) off-highway wheel tractors of 135 horsepower or over, and (b) tracklaying tractors of 135 horsepower or over. (Specify that parts and accessories are for nonmilitary type tractor and specify horsepower.)[1]	.....	CONS 2	VWXYZ	—	1,000	—	E–11
73280 Other parts and accessories for nonmilitary type off-highway wheel tractors and other tracklaying tractors. (Specify that parts and accessories are for nonmilitary type tractor and specify horsepower.)[1]	.....	CONS 8	XYZ	—	—	100	B
73280 Tanks designed as parts for commercial or military vehicles, as follows: (a) jacketed containers of 250 to 500 gallon capacity, designed for the handling of liquid fluorine, or (b) jacketed containers of 500 gallon capacity or over designed for liquid nitrogen, oxygen, hydrogen, ozone, helium, argon, or fluorine, *excluding 2-shell or 3-shell containers rated for an average evaporation loss of over 5 percent per 24-hour period.*[2, 3]	.....	TRAN 1	TVWXYZ	500	—	—	A
73280 Other liquefied gas jacketed containers of 500 gallon capacity or over, designed as parts for nonmilitary vehicles.[2]	No.	TRAN 2	TVWXYZ	500	—	—	
73280 Parts and accessories for off-the-road vehicles possessing or built to current military specifications differing materially from normal commercial specifications.	.....	CONS 1	TVWXYZ	500	—	—	A
73280 Parts and accessories specially designed for off-the-road vehicles having an axle load rating of 47,500 pounds or more for any one axle assembly (whether the axle assembly consists of one or two axles).	.....	CONS 2	VWXYZ	—	1,000	—	E–11
73280 Parts, n.e.c., for commercial truck carriers, specially designed for mounting excavator power cranes and shovels, nonmilitary, full revolving, over 1 cubic yard dipper capacity or over 30 tons crane lifting capacity. (Specify type and capacity of mounted equipment.) [Report parts for mounted equipment in Export Control Commodity No. 71842.]	.....	CONS 2	VWXYZ	—	1,000	—	E–12

[1] For export control purposes the horsepower to be used is the horsepower at the flywheel that the basic engine (with fan, water pump and oil pump) is capable of producing at governed speed, corrected to standard conditions of 60° F. and barometer (dry) of 29.92 inches of mercury.

[2] A jacketed container is a thermos container that has more than one wall and is insulated by a vacuum or by insulation material.

[3] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
73280 Functional parts specially designed for automotive vehicles possessing or built to current military specifications differing materially from normal commercial specifications.	.....	TRAN 1	TVWXYZ	500	—	—	A
73280 Parts and components for pressure refueling equipment.	.....	TRAN 1	TVWXYZ	500	500	—	A
73280 Other parts and accessories designed for, or intended for use on, military vehicles.	.....	TRAN 8	WXYZ[1]	—	—	100	B
73280 Other parts and accessories specially designed for front and rear axle drive nonmilitary vehicles.	.....	TRAN 8	WXYZ[1]	—	—	100	B
73280 Heaters for nonmilitary vehicles; and parts.	.....	TRAN 8	YZ	—	—	—	B
73280 Other parts and accessories for nonmilitary vehicles.	.....	TRAN 8	XYZ	—	—	100	B
73291 Motorcycles, motor bikes, and motor scooters under 300 pounds weight.	No.	TRAN 8	Z	—	—	—	B
73291 Other motorcycles, motor bikes, and motor scooters.	No.	TRAN 8	YZ	—	—	—	B
73292 Parts and accessories for motor cycles, motor bikes, and motor scooters, under 300 pounds weight.	.....	TRAN 8	Z	—	—	—	B
73292 Parts and accessories for other motorcycles, motor bikes, and motor scooters.	.....	TRAN 8	YZ	—	—	—	B
73300 Cycles and other vehicles, not motorized, n.e.c., including electric wheel chairs; and parts.	.....[2]	FINP 8	Z	—	—	—	B
73300 Off-the-road hauler wagons and trailers having an axle load rating of 47,500 lbs. or more for any one axle assembly (whether the axle assembly consists of one or two axles); and parts. (Specify type and axle load rating.)[3]	No.	CONS 2	VWXYZ	—	—	—	E-11
73300 Other off-the-road wagons and trailers; and parts. (Specify type and axle load rating.)[3]	.....	CONS 8	XYZ	—	—	100	B
73300 Logging wagons; and parts.....	.....	FINP 8	XYZ	—	—	100	B
73300 Farm wagons, drays, and trailers; and parts.	.....	AGSU 8	Z	—	—	—	B
73300 Other trailers, vehicles, not motorized; and parts.	.....	TRAN 8	Z	—	—	—	B
73300 Tanks mounted on, or designed for mounting on, nonmilitary or military trailers, as follows: (a) jacketed containers of 250 to 500 gallon capacity, designed for the handling of liquid fluorine, or (b) jacketed containers of 500 gallon capacity or over, designed for liquid nitrogen, oxygen, hydrogen,	.....	TRAN 1	TVWXYZ	500	—	—	A

[1] A validated export license is also required for any exportation to Indonesia of the commodities described in this entry.
[2] Report cycles in "number."
[3] Off-the-road vehicles are interpreted, for purposes of export control, to be those which, without modification by increase of standard tire size and/or spacing, have an overall width of over 98 inches, as measured from outside to outside of rear tires.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
ozone, helium, argon, or fluorine, *excluding 2-shell or 3-shell containers rated for an average evaporation loss of over 5 percent per 24-hour period.*[1, 2]							
73300 Other liquefied gas jacketed containers of 500 gallon capacity or over, mounted on, or designed to be mounted on, nonmilitary or military trailers.	.....	TRAN 2	TVWXYZ	500	—	—	
73300 Other parts designed for, or intended for use on, military trailers.	.....	TRAN 8	WXYZ	—	—	100	B
73300 Other parts for commercial trailers.....	.....	TRAN 8	XYZ	—	—	100	B
73410 Aircraft passenger and cargo transports, military, models C-46, C-47 and C-54, without armament. (Specify name of model designation.)[3]	No.	TRAN 2	TVWXYZ	500	—	—	
73410 Nonmilitary aircraft and helicopters, new, used or rebuilt, *excluding demilitarized*, 90,000 lbs. and over empty weight, of types and models which have been in normal civil use for two years or less. (Specify name of manufacturer and manufacturer's model designation.)[3, 4]	No.	TRAN 1	TVWXYZ	500	—	—	A
73410 Other nonmilitary aircraft and helicopters, *excluding demilitarized.*[3]	No.	TRAN 2	TVWXYZ	500	—	—	
73491 Airships and man-carrying balloons, nonmilitary, *excluding demilitarized.*[3]	No.	TRAN 2	TVWXYZ	500	—	—	
73491 Pilot balloons, wholly made of fluorocarbon ploymers or copolymers.[5]	No.	RUBR 1	TVWXYZ	500	—	—	A
73491 Meteorological and other pilot balloons.....	No.	FINP 8	XYZ	—	—	100	B
73492 Parts and accessories for aircraft, airships, helicopters, and balloons, wholly made of fluorocarbon polymers or copolymers.[5]	.....	TRAN 1	TVWXYZ	500	25	—	A E-2
73492 Parts specially designed for types and models of aircraft of 90,000 pounds and over empty weight which have been in normal civil use for two years or less, *the following only:* (a) fuselages or hulls, (b) wings, wing panels and sections, or (c) rudders and fins.[3, 4]	.....	TRAN 1	TVWXYZ	500	—	—	A E-2
73492 Propeller assemblies, complete, for aircraft and airships.	No.	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
73492 Parts and accessories specially designed for propellers for aircraft and airships and wholly made of fluorocarbon polymers or copolymers.[5]	.....	TRAN 1	TVWXYZ	500	25	—	A
73492 Other parts and accessories, n.e.c., specially designed for propellers for aircraft and airships.	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E-2

[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.
[2] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.
[3] All military aircraft, military helicopters, military airships, military balloons, demilitarized aircraft, and parts and accessories specially designed therefor, require export authorization from the U. S. Department of State. See paragraph 370.5(a).
[4] Empty weight of aircraft includes the structure, engines, fixed equipment and all furnishings, but does not include fuel or payload.
[5] See § 399.2. Interpretation 22.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
73492 Aircraft landing gear assemblies and parts, specially designed for aircraft of 90,000 pounds and over, empty weight, which have been in normal civil use for two years or less.	.....	TRAN 1	TVWXYZ	500	500	—	A E-2
73492 Parts and accessories specially designed for aircraft landing gear and wholly made of fluorocarbon polymers or copolymers.[1]	.....	TRAN 1	TVWXYZ	500	25	—	A
73492 Other aircraft landing gear assemblies and parts.	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
73492 Other parts and accessories for nonmilitary aircraft, helicopters, airships and balloons.[2]	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
73580 Ships, boats and other vessels, for breaking up (for scrapping).[3]	S. ton	STEE 8	WXYZ	—	—	100	B
73593 Pontoons, metal, for supporting temporary bridges.[3]	.....	STEE 8	WXYZ	—	—	100	B
73593 Buoys, iron or steel.....	.....	FINP 8	YZ	—	—	—	B
73593 Buoys of other metals.....	.....	FINP 8	XYZ	—	—	100	B
73593 Portable docks and floats wood only.....	.....	FINP 8	XYZ	—	—	100	B
73593 Pontoons for pipe lines, iron and steel only.	.....	FINP 8	YZ	—	—	—	B
73593 Fiber glass swimming pools.....	.....	FINP 8	XYZ	—	—	100	B
SECTION 8—MISCELLANEOUS MANUFACTURED ARTICLES							
SANITARY, PLUMBING, HEATING, AND LIGHTING FIXTURES AND FITTINGS							
81210 Warm air furnaces; cast iron heating boilers, radiators and convertors; steel boilers for central heating; rotary furnaces; floor gas, furnaces; hot water supply boilers; water boilers; and carts and covers for fin tube radiation.	.....[4]	FINP 8	YZ	—	—	—	B
81210 Other central heating apparatus, n.e.c., and parts, n.e.c., for all central heating equipment.	.....	FINP 8	XYZ	—	—	100	B
81220 Water closet sets, and sanitary and plumbing fixtures and fittings, ceramic materials, n.e.c.	.....[4]	FINP 8	Z	—	—	—	B
81230 Lavatories, sinks, and other sanitary and plumbing fixtures, specially designed for aircraft; and parts.	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
81230 Bathtubs, lavatories, sinks and other plumbing fixtures of iron or steel (whether or not enameled).	No.	FINP 8	Z	—	—	—	B
81230 Plumbing fixture fittings of iron or steel (whether or not enameled).	.....	FINP 8	Z	—	—	—	B

[1] See § 399.2, Interpretation 22.
[2] All military aircraft, military helicopters, military airships, military balloons, demilitarized aircraft, and parts and accessories specially designed therefor, require export authorization from the U. S. Department of State. See paragraph 370.5(a).
[3] See paragraph 370.5(e) for information concerning export requirements for ships and boats requiring export authorization from the U. S. Maritime Administration.
[4] Report warm air furnaces, steel boilers, and water closet sets in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
81241 Vapor-proof electric light fixtures.....	No.	FINP 8	XYZ	—	—	100	B
81241 Railroad reflector signals.....	.....	CONS 8	XYZ	—	—	100	B
81241 Other lighting fixtures, completely or predominantly of glass; and other glass articles for any type of lighting fixture.	.....[1]	FINP 8	Z	—	—	—	B
81242 Landing lights and other lighting fixtures specially designed for aircraft.	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
81242 Headlamps and other lighting fixtures designed for locomotives and railway cars.	.....	TRAN 8	XYZ	—	—	100	B
81242 Explosion-proof lighting fixtures; and vapor-proof lighting fixtures.	No.	FINP 8	XYZ	—	—	100	B
81242 Other lighting fixtures and equipment of base metal, n.e.c.; and parts.	.....[1]	FINP 8	Z	—	—	—	B
81243 Portable electric battery and magneto lamps and parts.	.....[1]	FINP 8	Z	—	—	—	B
FURNITURE							
82102 Hospital beds, hospital benches, bed side tables and accessories.	.....	FINP 8	Z	—	—	—	B
82102 Furniture designed specifically for medical, dental, surgical, or veterinary use (including beauty and barber shop chairs similar to dentists' chairs), including parts.	.....	FINP 8	Z	—	—	—	B
82103 Bedsprings (including cushion springs and spring construction units).	Lb.	STEE 8	Z	—	—	—	B
82103 Mattresses and similar stuffed furnishings, cotton.	.....	TEXT 8	YZ	—	—	—	B
82103 Mattresses and similar stuffed furnishings, kapok, moss, or hair.	.....	TEXT 8	Z	—	—	—	B
82103 Mattresses and similar stuffed furnishings, rubber.	.....	RUBR 8	Z	—	—	—	B
82108 Furniture, household, plastic, *excluding radio, phonograph, and TV cabinets.*	.....	RESN 8	YZ	—	—	—	B
82108 Household furniture made of wood, metal; porch and lawn furniture of metal, office furniture, wood or metal, public building and related furniture, counters, lockers, racks, display cases and wooden furniture parts, n.e.c.	.....[2]	FINP 8	Z	—	—	—	B
82108 Laboratory furniture.....	.....	FINP 8	XYZ	—	—	100	B

[1] Report lighting fixtures and lamps in "number."
[2] Report convertib'e sofas, jackknife sofabeds, chairbeds, studio beds, and metal filing cabinets in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
TRAVEL GOODS, HANDBAGS, AND OTHER PERSONAL GOODS							
83100 Women's handbags, purses, change purses; and hand luggage of leather or other materials (including plastic).	No.	TEXT 8	Z	—	—	—	B
83100 Luggage, n.e.c., and related items (specify type and kind of material); and personal goods of leather and other materials; *excluding cotton manufactures* other than sporting goods, and cases for military cameras.	No.[1]	TEXT 8	Z	—	—	—	B
83100 Travel goods, hand bags and other personal goods of cotton, other than sporting or athletic goods.	No.	TEXT 8	YZ	—	—	—	B
83100 Camera cases for military cameras.....	No.	TEXT 8	WXYZ	—	—	100	B
CLOTHING AND ACCESSORIES [2]							
84111 Men's and boys' outergarments, new, excluding shirts, not knit or crocheted, wholly or in chief weight of cotton or wool; and raincoats, all materials.	Lb.[3]	TEXT 8	YZ	—	—	—	B
84111 Other men's and boys' outergarments, new, excluding shirts, not knit or crocheted, of other textile fabric, except raincoats.	Lb.[3]	TEXT 8	Z	—	—	—	B
84111 Men's and boys' safety apparel (outerwear).	Lb.	TEXT 8	XYZ	—	—	100	B
84112 Girls', children's and infants' outergarments, new, including blouses, waists, and blouse shirts, not knit or crocheted, wholly or in chief weight of cotton or wool; and raincoats, all materials.	Lb.[3]	TEXT 8	YZ	—	—	—	B
84112 Other girls', children's and infants' outergarments, new, including blouses, waists, and blouse shirts, not knit or crocheted.	Lb.[3]	TEXT 8	Z	—	—	—	B
84112 Girl's, children's and infants' safety apparel (outerwear).	Lb.	TEXT 8	XYZ	—	—	100	B
84113 Men's and boys' undergarments including outer shirts, not knit or crocheted, wholly or in chief weight of cotton or wool.	Lb.[4]	TEXT 8	YZ	—	—	—	B

[1] Report personal goods of leather and other materials in "dollar value."
[2] Report military apparel, new or used in Export Control Commodity No. 95200.
[3] Report the following in both "dozen" and "pound": cotton coats, jackets, playsuits, sunsuits, washsuits, dressing gowns and robes; raincoats, all materials and men's and boys' outergarments of man-made fibers.
[4] Report cotton, wool and man-made fiber shirts, and wool underwear in "dozen" only. Report the following in both "dozen" and "pound": cotton undershorts and drawers.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
84113 Other men's and boys' undergarments (includes outer shirts), not knit or crocheted.	Lb.[1]	TEXT 8	Z	—	—	—	B
84114 Women's, girls' and infants' undergarments, excluding blouse shirts, not knit or crocheted, wholly or in chief weight of cotton or wool.	Lb.	TEXT 8	YZ	—	—	—	B
84114 Other women's, girls' and infants' undergarments, excluding blouse shirts, not knit or crocheted.	Lb.	TEXT 8	Z	—	—	—	B
84121 Handkerchiefs, wholly or in chief weight of cotton.	Doz.[2]	TEXT 8	YZ	—	—	—	B
84121 Other handkerchiefs	Doz.[2]	TEXT 8	Z	—	—	—	B
84125 Corsets, brassieres, and girdles of cotton or other textile fibers, n.e.c., *except rubberized.*	Lb.[2]	TEXT 8	YZ	—	—	—	B
84125 Other corsets, brassieres, girdles, garters, and similar articles (including such articles of knit or crocheted fabric), whether or not elastic, new.	Lb.[2]	TEXT 8	Z	—	—	—	B
84126 Gloves and mittens, not knit or crocheted, wholly or in chief weight cotton or wool.	Doz. pr.[2]	TEXT 8	YZ	—	—	—	B
84126 Other gloves and mittens, not knit or crocheted, other than leather.	Doz. pr.[2]	TEXT 8	Z	—	—	—	B
84127 Cuffs and collars, wholly or in chief weight of cotton or wool; and neckties, cravats, mufflers, and scarves, not knit or crocheted, all materials.	Lb.	TEXT 8	YZ	—	—	—	B
84127 Other cuffs and collars	Lb.	TEXT 8	Z	—	—	—	B
84129 Other clothing accessories, not knit or crocheted, wholly or chief weight of cotton or wool, n.e.c.	Lb.	TEXT 8	YZ	—	—	—	B
84129 Other clothing accessories of other textile fabric, not knit or crocheted, n.e.c.	Lb.	TEXT 8	Z	—	—	—	B
84130 Apparel and clothing accessories of leather.	Lb.[3]	TEXT 8	Z	—	—	—	B
84130 Safety apparel and clothing accessories of leather.	Lb.[3]	TEXT 8	XYZ	—	—	100	B
84141 Gloves, knit or crocheted, wholly or in chief weight of cotton or wool.	Doz. pr.[2]	TEXT 8	YZ	—	—	—	B
84141 Other gloves, knit or crocheted, not elastic or rubberized.	Doz. pr.[2]	TEXT 8	Z	—	—	—	B

[1] Report cotton, wool and man-made fiber shirts, and wool underwear in "dozen" only. Report the following in both "dozen" and "pound": cotton undershorts and drawers; and pajamas and other nightwear of cotton or man-made fibers. Report all other undergarments in "pounds" only.

[2] Report all items in this entry in both "dozen" and "pound."

[3] Report leather belts in "dozen" and leather gloves in "dozen pair."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
84142 Hosiery, not elastic or rubberized, wholly or in chief weight of cotton or wool.	Doz. pr.[1]	TEXT 8	YZ	—	—	—	B
84142 Other hosiery, not elastic or rubberized.....	Doz. pr.[1]	TEXT 8	Z	—	—	—	B
84143 Undergarments (includes shirts), knit or crocheted, wholly or in chief weight of cotton or wool.	Lb.[2]	TEXT 8	YZ	—	—	—	B
84143 Other undergarments (includes shirts) knit or crocheted.	Lb.[2]	TEXT 8	Z	—	—	—	B
84145 Knitted or crocheted elastic fabric and articles thereof, *except ankle supports, knee-pads, and wristlets.*	Lb.	TEXT 8	YZ	—	—	—	B
84145 Other knitted or crocheted fabric, rubberized, and articles thereof.	Lb.	TEXT 8	Z	—	—	—	B
84146 Men's and boys' outergarments, excluding shirts, knit or crocheted, wholly or in chief weight of cotton or wool.	Lb.[3]	TEXT 8	YZ	—	—	—	B
84146 Men's and boys' waterproof outergarments, not rubber or rubberized; and neckties, cravats, mufflers, and scarves, etc., new, all fibers.	Lb.	TEXT 8	YZ	—	—	—	B
84146 Other men's and boys' outergarments, new, excluding shirts, knit or crocheted, not elastic or rubberized.	Lb.[3]	TEXT 8	Z	—	—	—	B
84147 Women's and misses' outergarments, excluding shirts, knit or crocheted, wholly or in chief weight of cotton or wool.	Lb.[2]	TEXT 8	YZ	—	—	—	B
84147 Womens' and misses waterproof outer garments, not rubber or rubberized; and mufflers, scarves, etc., new, all fibers.	Lb.	TEXT 8	YZ	—	—	—	B
84147 Other women's and misses' outergarments, excluding knit or crocheted.	Lb.[3]	TEXT 8	Z	—	—	—	B
84148 Girls', children's and infants' outergarments, excluding shirts, knit or crocheted, wholly or in chief weight of cotton or wool.	Lb.[3]	TEXT 8	YZ	—	—	—	B
84148 Girls', children's and infants' waterproof outer garments, not rubber or rubberized; and mufflers, scarves, etc., new, all fibers.	Lb.	TEXT 8	YZ	—	—	—	B
84148 Other girls', children's and infants' outergarments, excluding shirts, knit or crocheted.	Lb.[3]	TEXT 8	Z	—	—	—	B
84149 Non-apparel articles, knit or crocheted, not elastic or rubberized, wholly or in chief weight of cotton or wool.	Lb.[4]	TEXT 8	YZ	—	—	—	B

[1] Report in both "dozen" and "pound."
[2] Report the following in both "dozen" and "pound"; shirts (outer) of cotton, wool, or man-made fiber; men's and boys' cotton undershirts, briefs, undershorts, and drawers; and women's, girls', and infants' pajamas and other nightwear, all materials.
[3] Report the following in both "dozen" and "pound"; sweaters and cardigans (other than girls' and infants') of cotton, wool, or man-made fibers; all blouses and waists of cotton; and all dresses of cotton, wool, or man-made fibers.
[4] Report cotton bedspreads, bedsets, towels, and washcloths in both "number" and "pound."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
84149 Other non-apparel articles, knit or crocheted, not elastic or rubberized.	Lb.	TEXT 8	Z	—	—	—	B
84149 Housefurnishings and articles, n.e.c., knit or crocheted, not elastic or rubberized, wholly or in chief weight textile fibers, n.e.c. such as but not limited to: cover sets, food; crib sheets, coated; dress shields; and hospital sheets, pyroxylin-coated; and pot holder sets, oilcloth.	Lb.	TEXT 8	YZ	—	—	—	B
84154 Hat and cap materials, *except hat bodies*, wholly or in chief weight cotton, jute, wool or textile manufactures, n.e.c. [Report hat bodies in Export Control Commodity No. 65570.]	Lb.	TEXT 8	YZ	—	—	—	B
84154 Other hat and cap materials.....	Lb.	TEXT 8	Z	—	—	—	B
84155 Firemen hats, miners' helmets and other safety helmets.[1]	Doz.	TEXT 8	XYZ	—	—	100	B
84155 Millinery, hats, and caps, of feathers, fur felt, wool felt, fur, leather (including bathing caps), rubber or rubberized fabric.	Doz.	TEXT 8	Z	—	—	—	B
84155 Other millinery, hats and caps, including helmets and those of rubber or rubberized cloth, other than bathing caps.	Doz.	TEXT 8	YZ	—	—	—	B
84160 Apparel and clothing accessories, rubber or rubberized, as follows: gloves, *excluding surgeons'*; aprons; bandeaux, ladies'; bathing suits; bust supporters; capes; dress shields; infants' bibs, bloomers, diapers, and pants; reducing clothing; sanitary belts; and waterproof sleeves.	Lb.[2]	TEXT 8	Z	—	—	—	B
84160 Other apparel and clothing accessories (including surgeons' gloves), rubber or rubberized.	Lb.[2]	TEXT 8	YZ	—	—	—	B
84201 Sheep-lined clothing, fur clothing, and other articles of furskins, except headwear.	Lb.	TEXT 8	Z	—	—	—	B
84202 Artificial fur and articles thereof, wholly or in chief weight cotton or wool.	Lb.	TEXT 8	YZ	—	—	—	B
84202 Other artificial furs and articles thereof...	Lb.	TEXT 8	Z	—	—	—	B

[1] Military helmets require export authorization from the U. S. Department of State. See paragraph 370.5(a).
[2] Report household and surgical gloves in "dozen pair" instead of "pound."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
84999 Clothing donated for relief or charity by individuals or private agencies.	.....	Export controls applicable to each commodity under this classification are those which apply to the commodity when exported commercially under its Export Control Commodity number.					
FOOTWEAR							
85100 Nonmilitary spats, leggings, and gaiters wholly or in chief weight cotton or wool.	Pr.	TEXT 8	YZ	—	—	—	B
85100 Other nonmilitary spats, leggings, gaiters and other footwear except orthopedic. [Report military footwear in Export Control Commodity No. 95200, and orthopedic in No. 89962.]	Pr.	TEXT 8	Z	—	—	—	B
PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC AND OPTICAL GOODS, WATCHES, AND CLOCKS							
Optical elements, unmounted:							
86111 Optical elements specially designed for infrared or ultraviolet communications or detection equipment. (Specify by name and type.)[1]	No.	RARA 1	TVWXYZ	500	50	—	A
86111 Optical elements specially designed for equipment providing amplification or oscillation by means of stimulated electromagnetic radiation, such as Masers, Lasers, or Irasers. (Specify by name and type.)	No.	RARA 1	TVWXYZ	500	50	—	A
86111 Quartz crystals, radio grade only.....	No.	RARA 1	TVWXYZ	500	100	—	A
86111 Optical elements of monocrystalline silicon or of silicon with a purity of 99.99 percent or more.	No.	RARA 1	TVWXYZ	500	50	—	A
86111 Optical elements containing 99.9 to 99.99 percent silicon.	No.	RARA 2	TVWXYZ	500	50	—	
86111 Ophthalmic glass, lens blanks, and focus lenses (including contact lenses), unmounted.	No.[2]	SATE 8	Z	—	—	—	B
86111 Other optical elements, unmounted, n.e.c. ..	No.	SATE 8	XYZ	—	—	100	B
Optical elements, mounted:							
86112 Lenses for the following cameras: air reconnaissance cameras and other cameras designed and used for military purposes; cameras specially designed for use in space vehicles; and high-speed cameras and streak cameras which are subject to the Import Certificate/Delivery Verification procedure under Export Control Commodity No. 86140.	No.	FINP 5	TVWXYZ	500	—	—	A

[1] See paragraph 370.5(a) for commodities which require export authorization from the Department of State.
[2] Report ophthalmic focus lenses in "pair."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
86112 Lenses and other optical elements for other highspeed cameras capable of recording at rates in excess of 2,000 frames per second; and lenses and other optical elements for X-ray powder cameras.	No.	FINP 8	WXYZ	—	—	100	B
86112 Other photographic and projection lenses...	No.	FINP 8	XYZ	—	—	100	B
86112 Optical elements specially designed for infrared or ultraviolet communications or detection equipment. (Specify by name and type.) [1]	No.	RARA 1	TVWXYZ	500	50	—	A
86112 Optical elements specially designed for equipment providing amplification or oscillation by means of stimulated electromagnetic radiation, such as Masers, Lasers, or Irasers. (Specify by name and type.)	No.	RARA 1	TVWXYZ	500	50	—	A
86112 Mounted prisms specially designed for the following cameras: air reconnaissance cameras and other cameras designed and used for military purposes; cameras specially designed for use in space vehicles; and high speed cameras and streak cameras which are subject to the Import Certificate/Delivery Verification procedure under Export Control Commodity No. 86140.	No.	FINP 5	TVWXYZ	500	25	—	A
86112 Electro-optical devices designed to monitor relative rotation of remote surfaces.	No.	SATE 1	TVWXYZ	500	100	—	A
86112 Optical elements specially designed for spectrum measuring instruments or microphotometers.	No.	SATE 8	WXYZ	—	—	100	B
86112 Halftone glass screens.....	No.	FINP 8	Z	—	—	—	B
86112 Other mounted optical elements.....	No.	SATE 8	XYZ	—	—	100	B
86120 Protective spectacles and goggles (safety equipment).	No.	SATE 8	XYZ	—	—	100	B
86120 Other spectacles and goggles; and parts.	.....[2]	SATE 8	Z	—	—	—	B
86133 Ion microscopes having a resolving power better than 10 angstrom units and specialized parts and accessories, n.e.c.	.....[3]	SATE 1	TVWXYZ	500	100	—	A
86133 Other electron and proton microscopes and diffraction apparatus, and parts and accessories.	.....[3]	SATE 8	XYZ	—	—	100	B
86134 Trichinoscopes and parts; malaria survey sets containing microscopes; and microscope illuminators.	.....[3]	SATE 8	Z	—	—	—	B
86134 Other microscopes (excluding electron and proton), microprojectors and photomicrographic equipment, and parts and accessories.	.....[3]	SATE 8	XYZ	—	—	100	B

[1] See paragraph 370.5(a) for commodities which require export authorization from the U.S. Department of State.
[2] Report goggles, eye glasses, and other spectacles, and frames and mountings in "number."
[3] Report microscopes and diffraction apparatus in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
86135 Binoculars, binocular loupes, and monoculars.	.....	SATE 8	Z	—	—	—	B
86135 Telescopes, including astronomical telescopes.	.....	SATE 8	XYZ	—	—	100	B
86139 Power-controlled searchlights designed for military use. (Specify by name.)	No.	ELME 1	TVWXYZ	500	—	—	A
86139 Parts and accessories, n.e.c., specially fabricated for power-controlled searchlights designed for military use.	.....	ELME 1	TVWXYZ	500	—	—	A
86139 Folding magnifiers and other magnifying glasses; stereoscopes; and View-Masters.®	.....	SATE 8	Z	—	—	—	B
86139 Other optical appliances, n.e.c., and parts and accessories, n.e.c.[1]	.....	SATE 8	XYZ	—	—	100	B
86140 Cameras specially designed for use in space vehicles. (Specify by name and model number.)	No.	FINP 5	TVWXYZ	500	—	—	A
86140 Streak cameras having writing speeds of 8 mm./microsecond and above, capable of recording events which are not initiated by the camera mechanism.[2]	No.	FINP 5	TVWXYZ	500	—	—	A
86140 High speed streak cameras having writing speeds of *less* than 8 mm./microsecond, capable of recording events which are not initiated by the camera mechanism.[2]	No.	FINP 4	TVWXYZ	500	—	—	
86140 High speed cameras having any of the following characteristics: (a) using film widths 35 mm. or narrower and capable of recording at rates in excess of 3,000 frames per second when using a steady light flow as the lighting source and 10,000 frames per second when using flash equipment connected to the unwinding system as the lighting source, (b) using film widths greater than 35 mm. and capable of recording in excess of 64 frames per second, or (c) capable of recording in excess of 250,000 frames per second.	No.	FINP 5	TVWXYZ	500	—	—	A
86140 Other high speed cameras capable of recording at rates in excess of 2,000 frames per second; and X-ray powder cameras.	No.	FINP 8	WXYZ	—	—	100	B
86140 Cameras specially designed for the production of electronic printed circuits; and specially designed parts and accessories.	.....[3]	FINP 5	TVWXYZ	500	—	—	A
86140 Hand type still cameras, variable focus, and parts and accessories, n.e.c.	.....[3]	FINP 8	YZ	—	—	—	B
86140 Hand type still cameras, fixed focus, and parts and accessories, n.e.c.	.....[3]	FINP 8	Z	—	—	—	B

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[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

[2] Streak cameras are cameras designed to record the intensity of a light source as a function of time and of a single spatial dimension, by moving the image of the source along the film in a single direction.

[3] Report cameras in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
86140 Other still cameras, including photocopying, microfilming, vandyke, blueprinting, and white printing.	No.	FINP 8	XYZ	—	—	100	B
86140 Parts and accessories, n.e.c., specially designed for the following: (a) air reconnaissance cameras, (b) other cameras designed and used for military purposes,[1] (c) cameras specially designed for use in space vehicles, and (d) high-speed cameras and streak cameras under Export Control Commodity No. 86140 which are subject to the Import Certificate/Delivery Verification procedure.	.....	FINP 5	TVWXYZ	500	25	—	A
86140 Photographic micro-flash equipment capable of giving a flash of 1/100,000 second or shorter duration at a minimum recurrence frequency of 200 flashes per second.	.....	FINP 5	TVWXYZ	500	25	—	A
86140 Parts and accessories, n.e.c., for high speed streak cameras having writing speeds of *less* than 8 mm./microsecond, capable of recording events which are not initiated by the camera mechanism.	.....	FINP 4	TVWXYZ	500	—	—	
86140 Parts and accessories, n.e.c., specially designed for the following: (a) other high speed cameras capable of recording at rates in excess of 2,000 frames per second, and (b) X-ray powder cameras.	.....	FINP 8	WXYZ	—	—	100	B
86140 Still camera stands and tripods.....	.....	FINP 8	Z	—	—	—	B
86140 Flash synchronizers.....	.....	FINP 8	Z	—	—	—	B
86140 Other photographic flashlight apparatus; and other parts and accessories, n.e.c., for photographic cameras, except motion picture cameras.	.....	FINP 8	XYZ	—	—	100	B
86150 Motion picture cameras, 16 mm. or under, *except aerial cameras,* and parts therefor; motion picture projectors, silent only, 16 mm. or under, and parts therefor; and motion picture camera tripods and stands, excluding dollies.	.....[2]	FINP 8	Z	—	—	—	B
86150 Other motion picture cameras and motion picture projectors; and motion picture sound recording and reproducing equipment; and parts.[3]	.....[2]	FINP 8	XYZ	—	—	100	B

[1] See paragraph 376.5(a) for commodities which require export authorization from the U.S. Department of State.
[2] Report cameras and projectors in "number."
[3] Gun cameras and special military cameras require export authorization from the U. S. Department of State.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
86161 16 mm. miniature still picture projectors; magic lantern parts, and other still picture projector parts; and photo scales (enlarger parts).	.....[1]	FINP 8	Z	—	—	—	B
86161 Other photographic projectors, enlargers and reducers (other than motion picture), and parts.	.....[1]	FINP 8	XYZ	—	—	100	B
86169 Motion picture equipment, *the following only:* editing machines; preview machines; splicing kits; screen fabric cut to size; and motion picture screens, *except screens for background projection.*	.....[2]	FINP 8	YZ	—	—	—	B

[1] Report photographic projectors in "number."
[2] Report motion picture screens in "number."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
86169 Developing, printing, fixing, or washing tanks or machines for motion picture film; reels for motion picture film; and still picture equipment as follows: analyzers; cutting boards; developing equipment; dry mounting presses, photographic; hangers; photo baths, glass; print rollers; printing frames; printing masks; and shading machines.	.....	FINP 8	Z	—	—	—	B
86169 Other still picture, motion picture, photographic, and photocopying equipment, n.e.c., including parts.	.....	FINP 8	XYZ	—	—	100	B
86171 Surgical and medical apparatus, n.e.c., wholly made of polytetrafluoroethylene.	.....	SATE 1	TVWXYZ	500	25	—	A
86171 Dental hand instruments and tools for use with hand pieces, and parts.	.....	FINP 8	XYZ	—	—	100	B
86171 Other medical, dental, surgical, ophthalmic and veterinary instruments and apparatus, *excluding electro-medical.*	.....	SATE 8	Z	—	—	—	B
86172 Aircraft oxygen systems, apparatus, equipment and components, n.e.c. and specially fabricated parts, n.e.c.	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
86172 Whirlpool baths	.....	SATE 8	XYZ	—	—	100	B
86172 Other mechanical physical therapy appliances and respiratory appliances.	.....	SATE 8	Z	—	—	—	B
86181 Gas or liquid supply meters. [Report parts in Export Control Commodity No. 86199.]	No.	GIEQ 8	XYZ	—	—	100	B
86182 Mechanical tachometers for aircraft engines. [Report parts in Export Control Commodity No. 86199.]	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
86182 Speedometers, tachometers, and other counting devices for motor vehicles. [Report parts in Export Control Commodity No. 86199.]	.....	TRAN 8	XYZ	—	—	100	B
86182 Stroboscopes containing one or more electronic components. [Report parts in Export Control Commodity No. 86199.]	No.	GIEQ 2	TVWXYZ	500	500	—	E-9
86182 Other stroboscopes. [Report parts in Export Control Commodity No. 86199.]	No.	GIEQ 8	XYZ	—	—	100	B
86182 Other industrial counting devices, *excluding those for which measurement is based on an electrical phenomenon.* [Report parts in Export Control Commodity No. 86199.]	.....	GIEQ 8	XYZ	—	—	100	B
86191 Cryogenic equipment, as follows: (a) equipment designed for maintaining an ambient temperature below minus 130° C. (minus 202° F.), designed for use in marine, airborne, or space applications, ruggedized for mobile ground use, or designed to maintain operating temperatures for electrical, magnetic or electronic equipment or com-	.....	SATE 1	TVWXYZ	500	250	—	A

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
ponents, and (b) electrical, magnetic or electronic equipment or components and electrical conductors specially designed for operation continuously or discontinuously at ambient temperatures below minus 130° C. (minus 202° F.); and specially fabricated accessories, sub-assemblies, parts, or components.							
86191 Other instruments specially designed to operate at temperatures below 130° C.; and specially designed parts and accessories.	.....	SATE 2	TVWXYZ	500	100	—	
86191 Compasses and gyroscopic equipment as follows: (a) gyro compasses, North-seeking only, possessing one or more of the following characteristics: (i) automatic correction for the effects on compass accuracy of changes in ship's speed, acceleration, or latitude, (ii) provision for accepting ship's data as an electrical input, (iii) provision for setting in corrections for current set and drift, (iv) utilization of accelerometer, rate gyro, rate integrating gyros, or electrolytic levels as sensing devices; (v) provision for determining and electrically transmitting ship's level reference data (roll, pitch) in addition to own ship's course data; (b) integrated flight instrument systems for aircraft which include gyro-stabilizers and/or automatic pilots, (c) gyro-magnetic compasses, (d) gyro-astro compasses and other devices which derive positon and/or orientation by means of automatically tracking celestial bodies; (e) gyro-stabilizers used for other purposes than aircraft control, *excluding those for stabilizing an entire surface vessel;* (f) automatic pilots used for other purposes than aircraft control *excluding marine type for surface vessels;* (g) gyroscopes and accelerometers of very high precision and miniaturized gyroscopes and accelerometers which are designed for use in inertial navigation systems or in guidance systems of all types; (h) gyros and gyro compasses with a minimum rated free directional drift rate (minimum rate free precision) of 1 degree per hour or less; (i) and specially designed parts and accessories, n.e.c. (Specify by name and model number.)	.....	SATE 1	TVWXYZ	500	100	—	A
86191 Precision gyroscopes, including rate and integrating gyros; and specially designed parts and accessories, n.e.c. (Specify by name and model or type number.)	.....	SATE 2	TVWXYZ	500	100	—	

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
86191 Other gyro compasses (specify by name and model number); and parts and accessories, n.e.c. (Specify by name).	.....	SATE 2	TVWXYZ	500	500	—	
86191 Aircraft flight instruments, *except types in normal civil use* (specify by name and model number); and specially designed parts and accessories, n.e.c. (See § 399.2, Interpretation 20.)	.....	SATE 1	TVWXYZ	500	100	—	A
86191 Other aircraft flight instruments (specify by name and model or type number); and specially designed parts and accessories, n.e.c.	.....	SATE 2	TVWXYZ	1,000	1,000	—	E-2
86191 Electro-optical instruments designed to monitor relative rotation of remote surfaces; and specially designed parts and accessories, n.e.c.	.....	SATE 1	TVWXYZ	500	100	—	A
86191 Ball-and-disc or cylinder-and-ball mechanical integrators; and mechanical ball resolvers; and specially designed parts and accessories, n.e.c.	.....	SATE 1	TVWXYZ	500	250	—	A
86191 Parts and accessories specially fabricated for military phototheodolites, stereoscopic plotting equipment, and photo interpretation equipment.[1]	.....	SATE 1	TVWXYZ	500	—	—	A
86191 Gravity meters (gravimeters), designed or modified for airborne or marine use (specify by name); and specially designed parts and accessories, n.e.c.	.....	CONS 1	TVWXYZ	500	100	—	A
86191 Other gravity meters (gravimeters) (specify by name); and specially designed parts and accessories, n.e.c.	.....	CONS 2	TVWXYZ	500	100	—	
86191 Transits, phototheodolites, and tachymeters (tacheometers) having a telescope magnification of 20x or higher *and* reading direct to 1 sexagesimal minute or better; and specially designed parts and accessories, n.e.c.[1]	.....	SATE 8	WXYZ	—	—	100	B
86191 Surveying and engineering instruments, n.e.c., and specially fabricated parts and accessories, n.e.c., *the following only:* alidades, altimeters, clinometers, level parts, leveling rods, planimeters, plumb bobs, slide rules, spads, stadia rods, surveyor's compasses, surveyor's trammels, and transit parts.	.....	SATE 8	Z	—	—	—	B
86191 Other compasses; and other surveying, hydrographic, navigational, meteorological, hydrological, and geophysical instruments, *excluding those in which measurement is based on an electrical phenomenon;* and parts.	.....	SATE 8	XYZ	—	—	100	B
86191 Range finders specially designed for the following: air reconnaissance cameras and other cameras specially designed and used for military purposes; cameras specially designed for use in	No.	FINP 5	TVWXYZ	500	25	—	A

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
space vehicles; and high-speed cameras and streak cameras under Export Control Commodity No. 86140 which are subject to the Import Certificate/ Delivery Verification procedure.							
86191 Range finders specially designed for: (a) other high speed cameras capable of recording at rates in excess of 2,000 frames per second; and (b) X-ray powder cameras.	No.	FINP 8	WXYZ	—	—	100	B
86191 Range finders for other still cameras, *excluding hand-type fixed focus;* and motion-picture cameras, *excluding 16 mm. and 8 mm.*	No.	FINP 8	XYZ	—	—	100	B
86191 Other range finders.[1]	No.	SATE 8	Z	—	—	—	B
86192 Laboratory balances, other than electrically or electronically operated, and parts, n.e.c. [Report laboratory balances electrically or electronically operated in Export Control Commodity No. 72952.]	.....	SATE 8	Z	—	—	—	B
Drawing, marking-out, calculating, drafting, measuring and checking instruments, appliances and machines except electrically or electronically operated; and parts:							
86193 Ball-and-disc or cylinder-and-ball mechanical integrators; and mechanical ball resolvers; and specially designed parts and accessories, n.e.c.	.....	SATE 1	TVWXYZ	500	250	—	A
86193 Comparators; dividers; gear checkers (comparators); and other machinists' precision measuring tools, *except gear testers;* and parts.	.....	TOOL 8	WXYZ	—	—	100	B
86193 Measuring and checking instruments, appliances and machines for automotive maintenance (includes wheel balancers), and parts.	.....	TRAN 8	XYZ	—	—	100	B
86193 Tape measures and rulers, *except metal*....	.....	FINP 8	Z	—	—	—	B
86193 Optical measuring and checking instruments. (Specify by name and that mechanically operated.)	.....	SATE 8	XYZ	—	—	100	B
86193 Clinometers; plumb bobs; surveyors' trammels; and other drawing, drafting, marking-out and calculating instruments; and parts.	.....	SATE 8	Z	—	—	—	B
86193 Other measuring and checking instruments, appliances and machines not electrically or electronically operated; and parts.	.....	GIEQ 8	XYZ	—	—	100	B
86194 Aircraft training equipment, training devices flight similators, and specially designed parts.[2]	.....	TRAN 8	XYZ	—	—	100	B
86194 Technical models for demonstration.....	.....	FINP 8	XYZ[3]	—	—	100	B

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.
[2] Training devices for military aircraft are under the licensing jurisdiction of the U.S. Department of State. See paragraph 370.5(a).
[3] A validated license may also be required for other destinations if this commodity contains technical data. See Part 385.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
Mechanical appliances for testing physical properties of industrial materials, *except electrically or electronically operated*, except parts. [Report parts in Export Control Commodity No. 86199]:							
86195 Centrifugal-action testing equipment. (Specify by name.)	.....	GIEQ 1	TVWXYZ	500	100	—	A
86195 Equipment capable of performing tests at temperatures below minus 130° C. (minus 202° F.).	.....	GIEQ 2	TVWXYZ	500	100	—	
86195 Testing equipment specially designed for use in the manufacture and assembly of communication, navigation, direction-finding, and radar equipment.	.....	GIEQ 1	TVWXYZ	500	—	—	A
86195 Testing and inspecting machines specially designed for the examination, testing, and checking of arms, munitions, and implements of war.[1]	.....	GIEQ 1	TVWXYZ	500	—	—	A
86195 Vibration testing equipment capable of providing a thrust greater than 2,000 pounds.	.....	GIEQ 1	TVWXYZ	500	500	—	A
86195 Testing devices specially designed for testing electronic assemblies produced by: (a) depositing or printing on insulating panels, plates, or wafers or by otherwise forming *in situ* component parts other than basic wiring, (b) automatically inserting and/or soldering components on insulating panels, plates, or wafers to which wiring is applied by printing or other means, or (c) automatically or semi-automatically assembling, wiring, and/or packaging mounted modular insulated panels, plates, or wafers referred to in (a) and (b) above.	.....	GIEQ 1	TVWXYZ	500	—	—	A
86195 Testing and inspecting equipment specially designed for use in the production of types of electronic tubes, transistors, and crystal diodes included under Export Control Commodity No. 72930, which are subject to the Import Certificate/Delivery Verification procedure. (Specify by name.)	.....	GIEQ 1	TVWXYZ	500	—	—	A
86195 Other testing and inspecting equipment specially designed for use in the production of electronic tubes, transistors and crystal diodes. (Specify by name.)	.....	GIEQ 2	TVWXYZ	500	—	—	
86195 Other mechanical appliances for testing physical properties of industrial materials, *excluding those in which measurement is based on an electrical phenomenon.*	.....	GIEQ 8	XYZ	—	—	100	B
86196 Laboratory type hydrometers and similar instruments, thermometers, pyrometers, barometers, hygrometers, psychrometers, and any combination of these, *excluding those in which measurement is based on an electrical phenomenon.*	.....	SATE 8	XYZ	—	—	100	B

[1] Arms, munitions, and implements of war are all items designated in paragraph 370.5(a), categories I-XVI.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
86196 Aircraft instruments, n.e.c., thermometers, hydrometers, hygrometers, psychrometers, *other than electrical or electronic types and other than flight or navigation instruments.*	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
86196 Other hydrometers, thermometers, pyrometers, barometers, hygrometers, psychrometers, and any combination of these, *excluding those in which measurement is based on an electrical phenomenon and excluding household and clinical thermometers.*	.....	GIEQ 8	XYZ	—	—	100	B
86196 Household and clinical thermometers.....	.....	FINP 8	Z	—	—	—	B
Instruments for measuring, checking or automatically controlling the flow, depth, pressure or other variables of liquids or gases, or for automatically controlling temperature, *except electrically or electronically operated*, except parts. [Report parts in Export Control Commodity No. 86199]:							
86197 Cryogenic equipment, as follows: (a) designed for maintaining an ambient temperature below minus 130° C. (minus 202° F.) *and* (i) designed for use in marine, airborne or space application, (ii) ruggedized for mobile ground use, or (iii) designed to maintain operating temperatures for electrical, magnetic or electronic equipment or components, or (b) electrical, magnetic or electronic equipment designed for operation continuously or discontinuously at ambient temperatures below minus 130° C. (minus 202° F.).	.....	SATE 1	TVWXYZ	500	100	—	A
86197 Other instruments capable of maintaining an ambient temperature below minus 130° C. (minus 202° F.).	.....	SATE 2	TVWXYZ	500	100	—	
86197 Aircraft engine instruments for measuring, checking, or automatically controlling the flow, pressure, or other variables of liquids or gases, or for automatically controlling temperature.	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
86197 Meters with inlet or outlet diameter 10 inches or larger, specially designed to measure flow in petroleum and/or natural gas pipe lines.	.....	GIEQ 2	VWXYZ	—	100	—	E-9
86197 Instruments or devices capable of automatically measuring the speed of sound *in situ* in water, and rated for differential sensitivity measurements of 1 part in 5,000 parts or better, and equipment containing such instruments or devices.	.....	SATE 1	TVWXYZ	500	100	—	A
86197 Motor vehicle instruments.....	.....	TRAN 8	XYZ	—	—	100	B
86197 Other instruments for measuring, checking or automatically controlling the flow, depth, pressure or other variables of liquids or gases or for automatically controlling temperature.	.....	GIEQ 8	XYZ	—	—	100	B

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
Instruments for physical or chemical analysis; instruments for checking viscosity, porosity, expansion, surface tension, and such instruments for measuring or checking quantities of heat, light or sound, *except electrically and electronically operated*, and parts:							
86198 Laboratory, scientific, and optical measuring cryogenic equipment as follows: (a) designed for maintaining an ambient temperature below minus 130° C. (minus 202° F.) *and* (i) designed for use in marine, airborne, or space application, (ii) ruggedized for mobile ground use, or (iii) designed to maintain operating temperatures for electrical, magnetic, or electronic equipment or components, or (b) electrical, magnetic, or electronic equipment designed for operation continuously or discontinuously at ambient temperatures below minus 130° C. (minus 202° F.); and specially designed parts, n.e.c. (Specify by name.)	.....	SATE 1	TVWXYZ	500	100	—	A
86198 Other laboratory, scientific, and optical measuring equipment capable of maintaining an ambient temperature below minus 130° C. (minus 202° F.); and specially designed parts, n.e.c. (Specify by name.)	.....	SATE 2	TVWXYZ	500	100	—	
86198 Cord treating and testing laboratory units (for example, Computreators®), and specially designed parts, n.e.c.	.....	GIEQ 2	TVWXYZ	500	500	—	
86198 Laboratory equipment specially designed for the extraction, production, or treatment of lubricants, aviation fuels or components thereof, mineral oil, natural and refinery gases, and petrochemicals; and specially designed parts, n.e.c. (Specify by name.)	.....	SATE 2	TVWXYZ	500	100	—	
86198 Mass spectrographs and mass spectrometers, as follows: (a) all multifocus types (including double focus, tandem, and cyclodial); or (b) single focus types possessing a radius of curvature of 5 inches or more; and specially designed parts, n.e.c. (Specify by name, model, and number.)	.....	SATE 1	TVWXYZ	500	—	—	A
86198 Other mass spectrographs and mass spectrometers, *excluding mass spectrometer-type leak detectors;* and specially designed parts, n.e.c. (Specify by name and model number.)	.....	SATE 2	TVWXYZ	500	—	—	
86198 Instruments, n.e.c., containing Laser devices; and specially designed parts, n.e.c. (Specify by name and model number.)	.....	SATE 1	TVWXYZ	500	100	—	A
86198 Spectrum measuring instruments, optical, and specially designed parts, n.e.c.	.....	SATE 8	WXYZ	—	—	100	B
86198 Densitometers, and specially designed parts, n.e.c.	.....	SATE 8	WXYZ	—	—	100	B

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Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
86198 Other laboratory instruments for physical or chemical analysis; instruments for checking viscosity, porosity, expansion, surface tension, etc., instruments for measuring or checking quantities of heat, light or sound; and parts.	.....	SATE 8	XYZ	—	—	100	B
86198 Fluid stream analyzers (specify by name); and specially designed parts, n.e.c.	.....	GIEQ 2	TVWXYZ	500	500	—	
86198 Industrial process instruments capable of operating or performing tests at temperatures below minus 130° C. (minus 202° F.), and specially designed parts, n.e.c.	.....	GIEQ 2	TVWXYZ	500	100	—	
86198 Centrifugal action testing equipment (specify by name); and specially dsigned parts, n.e.c.	.....	GIEQ 1	TVWXYZ	500	100	—	A
86198 Testing equipment, including components and sub-assemblies, specially designed for use in the manufacture and assembly of communication, navigation, direction-finding, and radar equipment; and specially designed parts, n.e.c.	.....	GIEQ 1	TVWXYZ	500	—	—	A
86198 Testing and inspecting equipment specially designed for the examination, testing and checking of arms, munitions, and implements of war; and specially designed parts, n.e.c.	.....	GIEQ 1	TVWXYZ	500	100	—	A
86198 Vibration testing equipment capable of providing a thrust greater than 2,000 lbs., and specialized ancillary equipment therefor.	.....	GIEQ 3	TVWXYZ	500	—	—	A
86198 Photographic exposure (light) meters, and parts.	.....	FINP 8	XYZ	—	—	100	B
86198 Other instruments for physical or chemical analysis; instruments for checking viscosity, porosity, expansion, surface tension, etc., instruments for measuring or checking quantities of heat, light or sound (in which measurement is not based on an electrical phenomenon), and parts.	.....	GIEQ 8	XYZ	—	—	100	B
Parts and accessories, n.e.c., for integrating meters, electrical measuring and controlling instruments, and industrial and laboratory instruments (meters and instruments under Export Control Commodity Nos. 72951, 72952, 86181, 86182, 86195, 86196, and 86197):							
86199 Parts and accessories made wholly of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.)	.....	RESN 1	TVWXYZ	500	25	—	A E-3
86199 Parts and accessories, n.e.c., specially designed for magnetometers *except geophysical magnetometers* (including gaussmeters) of the following types: (a) fluxgate, (b) electron beam sensing, (c) paramagnetic,[1] (d) nucleonic, or (e) Hall effect, *excluding those which use general purpose Hall field probes to measure magnetic fields greater than one oersted using control current between 100 and 400 milliamperes.*	.....	ELME 1	TVWXYZ	500	100	—	A

[1] The term "paramagnetic" as used in this entry refers to the sensing of changes in magnetic field strength by measurement of the effects of such changes in the electron spin phenomena.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
86199 Environmental-chambers capable of simulating any of the following conditions over the whole range of altitudes from sea level to 75,000 feet or above: temperature, pressure, radiation, or humidity; and specially designed controls, devices, and parts, n.e.c.	.....	GIEQ 1	TVWXYZ	500	—	—	A
86199 Parts and accessories, n.e.c., specially designed for recording oscillographs used as readout units for telemetering and telecontrol equipment suitable for use with space vehicles or aircraft (piloted or pilotless).	.....	ELME 1	TVWXYZ	500	100	—	A
86199 Parts and accessories, n.e.c., specially designed for underwater detection apparatus, *except for marine depth sounders of a kind used solely for measuring the depth of water or the distance of submerged objects vertically below the apparatus.* (Specify by name.)	.....	RARA 1	TVWXYZ	500	100	—	A
86199 Other parts and accessories, n.e.c., for other underwater detection apparatus. (Specify by name.)	.....	RARA 8	WXYZ	—	—	100	B
86199 Parts (including positive ion sources), assemblies, components and accessories, n.e.c., specially designed for the mass spectrographs and mass spectrometers, included under Export Control Commodity No. 72952 which are subject to the Import Certificate/Delivery Verification procedure. (Specify by name.)	.....	SATE 1	TVWXYZ	500	250	—	A
86199 Parts and accessories, n.e.c., for other mass spectrographs and mass spectrometers. (Specify by name.)	.....	SATE 2	TVWXYZ	500	500	—	
86199 Radiant energy type thermal detecting cells (for example, bolometers and thermocouple detectors) with a response time constant of less than 10 milliseconds measured at the operating temperature of the cell for which the time constant reaches a minimum. (Specify by name and model number.)	.....	RARA 1	TVWXYZ	500	100	—	A
86199 Direct current amplifiers, amplifying by whatever means, having a noise level (referred to the input circuit) of 10^{-15} watts or less and/or a zero drift in 1 hour corresponding to a change in input power of 10^{-16} watts or less; and parts. (Specify by name and model number.)	.....	RARA 1	TVWXYZ	500	100	—	A
86199 Amplifiers, n.e.c., as follows: (a) amplifiers designed to operate at frequencies in excess of 500 megacycles, (b) tuned amplifiers having a bandwidth which exceeds 10 megacycles, or 10 percent of the mean frequency, whichever is less, *excluding those specially designed for use in community television distribution systems,* (c) untuned amplifiers having a bandwidth which exceeds 10 mega-	.....	ELME 1	TVWXYZ	500	100	—	A

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cycles; and parts. (Specify by name and model number.) [See Export Control Commodity No. 72499 for amplifiers designed for electronic communications equipment, electronic navigational aids and electronic search and detection apparatus, including radar.]							
86199 Amplifiers, electronic or magnetic, designed for use with resolvers as follows: (a) isolation types having a variation of gain constant (linearity of gain) of 0.5 percent or better, (b) summing types having a variation of gain constant (linearity of gain) or an accuracy of summation of 0.5 percent or better, (c) employing solid state Hall effect, or (d) designed to operate below minus 55° C or above plus 125° C. (Specify by name and model number.)	.....	ELME 1	TVWXYZ	500	250	—	A
86199 Other isolation and summing type amplifiers. (Specify by name and model number.)	.....	ELME 2	TVWXYZ	500	500	—	
86199 Other amplifiers designed to operate at frequencies from 300 megacycles up to and including 500 megacycles. (Specify by name and model number.)	.....	ELME 2	TVWXYZ	500	500	—	
86199 Oscilloscope amplifiers and preamplifiers having a bandwidth greater than 5 megacycles up to and including 12 megacycles; and parts. (Specify by name and model number.)	.....	ELME 8	WXYZ	—	—	100	B
86199 Other amplifiers designed for use in nuclear measurements. (Specify by name and model number.)	.....	SATE 8	XYZ	—	—	100	B
86199 Other amplifiers, n.e.c. (Specify by name and model number.)	.....	ELME 8	XYZ	—	—	100	B
86199 Other parts and accessories, n.e.c., for integrating meters, electrical measuring and controlling instruments, and industrial and laboratory instruments classified under Export Control Commodity Nos. 72951, 72952, 86181, 86182, 86195, 86196, and 86197. (Specify instrument.)	.....	Export controls applicable to commodities included in this entry are those which apply to the instrument for which the parts and accessories are designed.					
86199 Parts and components for aircraft instruments, other than flight or navigation instruments.	.....	TRAN 2	TVWXYZ	1,000	1,000	—	E-2
86199 Parts and accessories, n.e.c., specially designed for magnetometers classified under Export Control Commodity No. 72952 and which are subject to the Import Certificate/Delivery Verification procedure. (Specify by name.)	.....	CONS 1	TVWXYZ	500	—	—	A
86199 Parts and accessories, n.e.c., specially designed for magnetic recorders and reproducers for geophysical seismographs classified under Export Control Commodity No. 72952 and which are subject to the Import Certificate/Delivery Verification procedure. (Specify by name.)	.....	CONS 1	TVWXYZ	500	100	—	A

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
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86199 Parts and accessories, n.e.c., specially designed for other seismic or seismograph instruments, *except observatory type.* (Specify by name.)	.....	CONS 2	TVWXYZ	500	100	—	
86199 Parts and accessories, n.e.c., specially designed for well-logging instruments. (Specify by name.)	.....	CONS 2	TVWXYZ	500	100	—	E-12
86199 Parts and accessories, n.e.c., for other geophysical and mineral prospecting equipment, electric.	.....	CONS 8	XYZ	—	—	100	B
86230 Prepared photographic film developing chemicals.	.....	FINP 8	Z	—	—	—	B
86230 Other prepared photographic chemicals....	.....	FINP 8	XYZ	—	—	100	B
86243 Paper, paperboard and cloth, sensitized, not developed.	Sq. ft.	FINP 8	YZ[1]	—	—	—	B
86246 Motion picture film under 35mm, sensitized, unexposed. (Specify size.)	Lin. ft.	FINP 8	Z	—	—	—	B
86246 Motion picture film 35mm and over, sensitized, unexposed.	Lin. ft.	FINP 8	XYZ	—	—	100	B
86246 X-ray film and plates, graphic arts films and plates, and still picture film and plates, sensitized, unexposed. (Specify type, name, and size.)	Sq. ft.	FINP 8	XYZ	—	—	100	B
86248 Exposed sensitized plates, and exposed and developed plates, *excluding lantern slides.*	Sq. ft.	FINP 8	XYZ[1]	—	—	100	B
86248 Still picture film, exposed, or exposed and developed, positive or negative; and lantern slides.	Sq. ft.	FINP 8	Z[1]	—	—	—	B
86248 Motion picture films, silent or sound, undeveloped negative, 35mm. or over.	Lin. ft.	FINP 8	XYZ[1]	—	—	100	B
86248 Motion picture films, silent or sound, exposed but not developed.	Lin. ft.	FINP 8	Z[1]	—	—	—	B
86300 Motion picture films, silent or sound, developed.	Lin. ft.	FINP 8	None[2]	—	—	—	B
86401 Alarm clocks, electric and nonelectric; electric mantel clocks; and nonelectric novelty clocks.	No.	FINP 8	Z	—	—	—	B
86401 Electronic clocks, time interval measuring devices, research equipment.	No.	SATE 8	XYZ	—	—	100	B
86401 Other clocks, electric and nonelectric.....	No.	FINP 8	YZ	—	—	—	B
86401 Time recording devices, *the following only:* attendance time recorders; job cost recorders; safe time clocks; time clocks; time stamps; and watchmen's clocks.	No.	FINP 8	YZ	—	—	—	B
86401 Other time recording machines.....	No.	FINP 8	XYZ	—	—	100	B
86402 Watch parts, including watch movements; and clock chimes, dials and glasses.	.....	FINP 8	Z	—	—	—	B

[1] A validated license may also be required for other destinations if this commodity contains technical data. See Part 385.
[2] A validated license may be required if this commodity contains technical data. See Part 385.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
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86402 Parts and accessories, n.e.c., for time clocks and other time recording devices operated by a watch or clock type movement or by a synchronous motor.	.....	FINP 8	XYZ	—	—	100	B
86402 Parts for other clocks.....	.....	FINP 8	YZ	—	—	—	B
86411 Pocket watches, wrist watches and other watches. (Specify by name.)	No.	FINP 8	Z	—	—	—	B
86414 Watch cases and parts. (Specify by name.)	No.	FINP 8	Z	—	—	—	B
MISCELLANEOUS MANUFACTURED ARTICLES, N.E.C.							
89111 Magnetic recording and/or reproducing equipment designed for electronic computers. (Specify by name and model number.)	No.	SATE 1	TVWXYZ	500	250	—	A
89111 Other recording and/or reproducing equipment (including television tape recorders), n.e.c., as follows: (a) using magnetic techniques, *excluding those specially designed for voice or music;* or (b) using electrothermal and/or electrostatic techniques employing electron beams, operating in a vacuum and/or employing other means to provide a charge pattern directly on the recording surface, and specialized equipment for the read-out of material so recorded. (Specify by name and model number.)	No.	RARA 1	TVWXYZ	500	250	—	A
89111 Dictating machines, phonographs, and record players.	No.	FINP 8	Z	—	—	—	B
89111 Magnetic recording and/or reproducing equipment for voice and music only.	No.	RARA 8	YZ	—	—	—	B
89111 Other magnetic recorders and reproducers.	No.	RARA 8	XYZ	—	—	100	B
89112 Parts and accessories *except empty reels,* specially designed for magnetic recording and/or reproducing equipment designed for electronic computers. (Specify by name.)	.....	SATE 1	TVWXYZ	500	250	—	A
89112 Parts and accessories, *except empty reels,* specially designed for magnetic recording and/or reproducing equipment, including videotape recorders, included under Export Control Commodity Number 89111 which are subject to the Import Certificate/Delivery Verification procedure. (Specify by name.)	.....	RARA 1	TVWXYZ	500	250	—	A
89112 Parts and accessories specially designed for recording and/or reproducing equipment using electrothermal or electrostatic techniques included under Export Control Commodity Number 89111 which are subject to the Import Certificate/Delivery Verification procedure. (Specify by name.)	.....	RARA 1	TVWXYZ	500	100	—	A

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
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89112 Parts and accessories for dictating machines, phonographs and record players.	.....	FINP 8	Z	—	—	—	B
89112 Parts and accessories for magnetic recording and/or reproducing equipment for voice and music only.	.....	RARA 8	YZ	—	—	—	B
89112 Parts and accessories for other magnetic recorders and reproducers.	.....	RARA 8	XYZ	—	—	100	B
89120 Magnetic tape and other recording media designed for electronic computers. (Specify by name.)	.....	SATE 1	TVWXYZ	500	250	—	A
89120 Seismic or seismograph magnetic tape.....	.....	CONS 1	TVWXYZ	500	100	—	A
89120 Other magnetic tape, *excluding tape specially designed for voice and music;* and other recording media specially designed for the recording and/or reproducing equipment under Export Control Commodity No. 89111 which is subject to the Import Certificate/Delivery Verification procedure. (Specify by name and type.)	.....	RARA 1	TVWXYZ	500	250	—	A
89120 Other magnetic recording media (includes pre-recorded tape capable of being erased and reused).	.....	RARA 8	XYZ[1]	—	—	100	B
89120 Phonograph records and record blanks.....	.....	FINP 8	Z	—	—	—	B
89140 Pianos and other string musical instruments.	.....[2]	FINP 8	Z	—	—	—	B
89180 Musical instruments, n.e.c.....	.....[3]	FINP 8	Z	—	—	—	B
89190 Parts and accessories for all musical instruments (other than strings).	.....	FINP 8	Z	—	—	—	B
89213 Maps, hydrographic charts, atlases, gazateers, globe covers, and globes (terrestrial or celestial).	.....	FINP 8	YZ	—	—	—	B
89214 Printed books, pamphlets and miscellaneous publications, including bound newspapers and periodicals.	.....[4]	FINP 8	None[5]	—	—	—	B
89220 Newspapers and periodicals, unbound, excluding waste.	.....[4]	FINP 8	None[5]	—	—	—	B
89230 Music books and sheet music.....	.....	FINP 8	None	—	—	—	B
89241 Transfers (decalcomanias)	.....	FINP 8	Z	—	—	—	B
89242 Picture postcards and greeting cards.....	.....	FINP 8	Z	—	—	—	B
89291 Paper and paperboard labels and wrappers..	.....	FINP 8	Z	—	—	—	B
89294 Calendars (including calendar blocks) of paper.	.....	FINP 8	None	—	—	—	B

[1] A validated license may also be required for other destinations if this commodity contains technical data. See Part 385.
[2] Report new pianos in "number."
[3] Report new organs in "number."
[4] Report books, catalogs, directories, and periodicals in "number."
[5] A validated license may be required if this commodity contains technical data. See Part 385.

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
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89298 Advertising printed matter exclusively related to developed motion picture film, books, miscellaneous publications, newspapers and periodicals (Export Control Commodity Nos. 86300, 89214, 89220, 89230, and 89294) for which a validated license is not required.	.....	FINP 8	None[1]	—	—	—	B
89298 Other printed matter.....	.....	FINP 8	Z	—	—	—	B
89300 Pressure sensitive tape wholly made of fluorocarbon polymers or copolymers.[2] (Specify by name.)	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
89300 Pressure sensitive tape coated or impregnated with fluorocarbon polymers or copolymers.[2]	Lb.	RESN 2	TVWXYZ	500	500	—	E-3
89300 Pressure sensitive synthetic tape (including metallized) suitable for dielectric use (condenser tissue), 0.0015 inch (0.038 mm. or less in thickness), *excluding (a) tensilized polyester film with thickness greater than 0.001 inch (0.0254 mm.) and (b) untensilized polyester film with thickness of 0.0007 inch (0.018 mm.) up to and including 0.001 inch (0.0254 mm.).*	Lb.	RESN 3	TVWXYZ	500	500	—	A E-3
89300 Pressure sensitive polyester tape suitable for dielectric use (condenser tissue), as follows: (a) tensilized film with thickness greater than 0.001 inch (0.0254 mm.) up to and including 0.0015 inch (0.038 mm.); and (b) untensilized film with thickness greater than 0.0007 inch (0.018 mm.) up to and including 0.0015 inch (0.038 mm.)	Lb.	RESN 4	TVWXYZ	500	500	—	E-3
89300 Silicone rubber manufactures, n.e.c.....	.....	RUBR 4	VWXYZ	—	1,000	—	E-1
89300 Manufactured products wholly made of fluorocarbon polymers or copolymers.[2]	Lb.	RESN 3	TVWXYZ	500	50	—	A E-3
89300 Manufactures of molding compositions containing more than 20 percent by weight of fluorocarbon polymers or copolymers.[2]	Lb.	RESN 2	TVWXYZ	500	50	—	E-3
89300 Manufactures of polypyromellitimide or polybenzimidazole.	Lb.	RESN 3	TVWXYZ	500	25	—	A E-3
89300 Hose or tubing made of, lined with, or covered with, polytetrafluoroethylene or polytrifluorochloroethylene. [Report hose or tubing without fittings attached in Export Control Commodity No. 58120.]	Pieces	RESN 3	TVWXYZ	500	50	—	A E-3
89300 Hose or tubing lined with, or covered with, other fluorocarbon polymers or copolymers.[2]	Pieces	RESN 4	TVWXYZ	500	50	—	E-3
89300 Other manufactured products, n.e.c., partially made of polytetrafluoroethylene or polytrifluorochloroethylene. (Specify by name, and state weight of polytetrafluoroethylene or polytrifluorochloroethylene content.)	.....	RESN 4	TVWXYZ	500	50	—	E-3

[1] A validated license may be required if this commodity contains technical data. See Part 385.
[2] See § 399.2, Interpretation 22.

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89300 Manufactured plastic products, *excluding items wholly or partially made of polypyromellitimide, polybenzimidazole, polytetrafluoroethylene, or polytrifluorochloroethylene; or items wholly made of other fluorocarbon polymers or copolymers,*[1] the following only: cigar ribbons; containers for household use (soap dishes, etc.); display equipment (forms, display boxes, stands, frames); draperies (not firm, woven); garment bags (not requiring cutting or further manufacture for use); mats; sausage casings; table cloths (cut to size); venetian blinds, including separate slats and tapes; aprons, baby pants, bibs, and other indoor type wearing apparel; and waterproof outergarments, including raincoats.	.....[2]	FINP 8	YZ	—	—	—	B
89300 Manufactured plastic products, *excluding items wholly or partially made of polypyromellitimide, polybenzimidazole, polytetrafluoroethylene, polytrifluorochloroethylene, or items wholly made of other fluorocarbon polymers or copolymers,*[1] the following only: ash trays; bathroom fixtures; bottle and container closures; boxes, empty; calendar pad holders; casein plastic slides; dinnerware; fly swatters; frames, *except display frames;* handles; job trays; kitchenware used in preparation, serving, and storing of food and drink; knobs; mailing cases; nursing bottles; shower curtains; stoppers for basins and bathtubs; tableware; tape, pressure sensitive or gummed; toilet seats; flexible film specialty bags; and vials.	.....	FINP 8	Z	—	—	—	B
89300 Other articles or artificial plastic materials.	.....[3]	FINP 8	XYZ	—	—	100	B
89410 Baby and invalid carriages (not motorized nor otherwise mechanically propelled), and parts.	.....	FINP 8	Z	—	—	—	B
89421 Wheeled toys designed to be ridden, and dolls' carriages.	.....	FINP 8	Z	—	—	—	B
89422 Dolls, and specially fabricated parts and accessories, including clothing.	.....	FINP 8	Z	—	—	—	B
89423 Rubber and stuffed toys, and toys n.e.c.	.....	FINP 8	Z	—	—	—	B
89424 Playing cards	Pk.	FINP 8	Z	—	—	—	B
89424 Coin-operated amusement machines (excludes phonographs), and parts; and other equipment for indoor games (includes children's and adults' games and equipment for table tennis, billiards, etc.)	.....	FINP 8	Z	—	—	—	B
89425 Artificial Christmas trees, metal; and tinsel of metal.	.....	FINP 8	XYZ	—	—	100	B

[1] See § 399.2, Interpretation 22.
[2] Report sausage casings in "pounds".
[3] Report plastic garden hose in "linear feet."

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
89425 Other Christmas articles, decorative or traditional (*excluding artificial flowers, foliage or fruit or articles thereof*); and carnival and entertainment articles (masks, confetti, tricks and novelties). **Non-military arms and parts, *excluding revolvers and pistols.* [Report military arms and parts in Export Control Commodity Nos. 95101-95104; revolvers and pistols in No. 95105; parts for revolvers and pistols in No. 95103.]**	.....	FINP 8	Z	—	—	—	B
89430 Non-military rifles, caliber .22 rimfire and under caliber .22.[1] (Specify caliber.)	No.	FINP 5	TVWXYZ	500	100	—	A
89430 Non-military shotguns; whaling guns; non-military combination rifle-shotguns with rifle caliber .22 rimfire and under caliber .22, and parts therefor, including wooden gun stock blanks.[1] (Specify by name and rifle caliber of combination rifle-shotguns.)	.....[2]	FINP 8	XYZ[3]	—	—[3]	100	B
89430 Aqua guns, police billies, blackjacks, air pistols, air rifles, and compressed air and gas-charged rifles; and parts.[1] (Specify by name.)	.....	FINP 8	Z	—	—	—	B
89430 Parts, *except wooden gun stock blanks and silencers,* for non-military rifles, caliber .22 rimfire and under caliber .22; and parts, *except wooden gun stock blanks, silencers, barrels, cylinders and breech mechanisms,* for nonautomatic and semiautomatic nonmilitary rifles caliber .22, *except caliber .22 rimfire,* and over caliber .22.[4] (Specify by name.)	.....	FINP 5	TVWXYZ	500	50	—	A
89441 Fishing and hunting equipment. [Report sporting rifles in Export Control Commodity No. 89430.] (Specify by name.)	.....	FINP 8	Z	—	—	—	B
89442 Appliances, apparatus, accessories and requisites for gymnastics or athletics or for sports and outdoor games *except recreational water craft, base metal wire wickets and safety apparel and equipment.*[5] (Specify by name.)	.....	FINP 8	Z	—	—	—	B
89442 Base metal wire wickets and safety apparel and equipment for recreational purposes, *except*	.....	FINP 8	XYZ	—	—	100	B

[1] Export authorization from the U. S. Department of State is required for (a) nonautomatic and semiautomatic firearms of caliber .22, *except caliber .22 rimfire,* and over caliber .22 (b) fully automatic firearms, calibers .22 to .50, inclusive, (c) combination rifle-shotguns with rifle barrel caliber .22, *except caliber .22 rimfire,* and over caliber .22 and (d) tear gas guns, and flare, signal and very pistols. See paragraph 370.5(a).

[2] Report shotguns in "number."

[3] A validated export license is also required for exportation to the Republic of South Africa of non-military shotguns, non-military rifle-shotgun combinations with rifle caliber .22 rimfire, and parts therefor. In addition a GLV dollar-value limit of $100 is established for the shipment of non-military shotguns, and combination rifle-shotguns with rifle caliber .22 rimfire, and $50 for the shipment of parts for these shotguns and combination rifle-shotguns to the Republic of South Africa.

[4] Export authorization from the U. S. Department of State is required for (a) firearm silencers (b) barrels, cylinders and complete breech mechanisms for nonautomatic and semiautomatic firearms caliber .22, *except caliber .22 rimfire,* and over caliber .22, and (c) all components and parts for automatic firearms, calibers .22 to .50 inclusive. See paragraph 370.5(a).

[5] Export authorization from the U. S. Maritime Administration is required for recreational watercraft. See paragraph 370.5(e).

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self-contained diving and underwater swimming apparatus and components and accessories specifically designed therefor.[1] (Specify by name.)							
89450 Fair-ground amusements, etc. (Specify by name.)	.....	FINP 8	Z	—	—	—	B
89511 Filing cabinets, racks and similar office equipment, *excluding furniture*, of base metal, not designed to be placed on floor. (Specify by name.)	.....	FINP 8	Z	—	—	—	B
89512 Stapling wire (all metals) on spools; and non-ferrous metal staples for hand-stapling devices.	.....	FINP 8	XYZ	—	—	100	B
89512 Fittings for files, paper clips, and similar stationery goods of base metals; and iron and steel staples for hand-stapling devices.	.....	FINP 8	Z	—	—	—	B
89521 Fountain pens, ballpoint pens, refill ink cartridges, and mechanical pencils.	Doz.	FINP 8	Z	—	—	—	B
89521 Penholders, desk pen sets, pens, n.e.c., and pen and mechanical pencil parts, other than pen nibs and nib points. (Specify by name.)	.....	FINP 8	Z	—	—	—	B
89522 Pen nibs and nib points. (Specify by name)	.....[2]	FINP 8	Z	—	—	—	B
89523 Pencils, other than mechanical, pencil leads, crayons, chalk and drawing charcoal. (Specify by name.)	.....[2]	FINP 8	Z	—	—	—	B
89591 Writing, stamp pads, indelible, drawing and marking inks. (Specify by name.)	.....	FINP 8	Z	—	—	—	B
89593 Date, sealing, and similar stamps, hand operated. (Specify by name.)	.....	FINP 8	Z	—	—	—	B
89594 Typewriter and similar ribbons and ink pads. (Specify by name.)	.....	FINP 8	Z	—	—	—	B
89596 Other office and stationery supplies, n.e.c. (Specify by name.)	.....	FINP 8	Z	—	—	—	B
89600 Works of art, collectors' pieces, and antiques. (Specify by name.)	.....	FINP 8	Z	—	—	—	B
89711 Jewelry and related items of solid gold, platinum, and platinum group metals, including jewelry findings, *except rosaries.*[3]	.....	FINP 8	XYZ	—	—	100	B
89711 Other jewelry and related items of other metals, including jewelry findings.	.....	FINP 8	Z	—	—	—	B

[1] Export authorization from the U. S. Department of State is required for self-contained diving and underwater swimming apparatus and components and accessories specifically designed therefor. See paragraph 370.5(a).
[2] Report lead pencils, black and colored, *excluding artists*, in "gross."
[3] Export authorization is required from the U. S. Treasury Department for items of which 90 percent of the total value is attributable to gold content. See paragraph 370.5(b).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
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89714 Rosaries and onyx manufactures of pearls or precious or semi-precious stones including jewelry findings.	.....	FINP 8	Z	—	—	—	B
89714 Other articles incorporating pearls or precious or semi-precious stones including jewelry findings.	.....	FINP 8	XYZ	—	—	100	B
89715 Platinum-clad molybdenum tubing; and platinum-clad molybdenum wire.	Lb.	MINL 3	TVWXYZ	500	100	—	A E-8
89715 Other platinum group metal manufactures..	.....	FINP 8	XYZ	—	—	100	B
89715 Hollow ware, solid or plated, of precious metals; and silver leaf.	.....	FINP 8	YZ	—	—	—	B
89715 Silver-plated flatware, and other silver-plated manufactures; and gold leaf and foil.	.....	FINP 8	Z	—	—	—	B
89715 Sterling silver, silver alloy, and gold manufactures.[1]	.....	FINP 8	XYZ	—	—	100	B
89720 Men and women's jewelry and related items of metal other than solid gold, platinum, and platinum group metals, and silver.	.....	FINP 8	Z	—	—	—	B
89910 Articles and manufactures of carving or moulding materials.	.....	FINP 8	Z	—	—	—	B
89927 Hand sieves and hand riddles, laboratory types.	.....	SATE 8	XYZ	—	—	100	B
89927 Wire cloth sieves, all types, including electroformed, coptaining 95 percent or more nickel, with 60 or more sieves per linear centimeter or the equivalent thereof.	.....	FINP 4	TVWXYZ	500	100	—	E-8
89927 Wire cloth sieves of iron and steel.....	.....	FINP 8	YZ	—	—	—	B
89927 Wire cloth sieves other than iron and steel...	.....	FINP 8	XYZ	—	—	100	B
89927 Sieves, kitchen and cooking, n.e.c.....	.....	FINP 8	Z	—	—	—	B
89928 Hat braids of natural or man-made fibers..	.....	TEXT 8	YZ	—	—	—	B
89928 Other plaits and similar materials and articles thereof.	.....	TEXT 8	Z	—	—	—	B
89929 Feather dusters	Doz.	AGRI 8	Z	—	—	—	B
89929 Other dusters, mops, squeegees, brooms, tooth brushes, and brushes, n.e.c., and prepared knots and cuffs for broom and brush making, paint rollers, wire brushes, and bristles for machines other than dental, medical, surgical, and veterinary appliances.	Doz.	FINP 8	Z	—	—	—	B
89931 Candles, tapers, night lights, and similar items.	.....	FINP 8	Z	—	—	—	B
89932 Matches	.....	FINP 8	Z	—	—	—	B
89933 Combustible preparations and products, n.e.c.	.....	ORGN 8	Z	—	—	—	B
89934 Cigarette and cigar lighters of precious metals.[1]	No.	FINP 8	XYZ	—	—	100	B
89934 Other lighters, mechanical, electrical, chemical, and other types.	No.	FINP 8	Z	—	—	—	B

[1] Export authorization is required from the U.S. Treasury Department for items of which 90 percent of the total value is attributable to gold content. See paragraph 370.5(b).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
89935 Smoking pipes, cigar and cigarette holders; and parts therefor.	.....	FINP 8	Z	—	—	—	B
89940 Umbrellas, sunshades, walking sticks, canes, and similar items; and parts thereof.	.....	FINP 8	Z	—	—	—	B
89951 Powder-puffs and pads for applying cosmetics or toilet preparations.	.....	FINP 8	Z	—	—	—	B
89952 Leatherette buttons	.....	TEXT 8	YZ	—	—	—	B
89952 Other buttons and parts, n.e.c., snap fasteners, studs and similar articles, n.e.c., used for fastening or decorating articles of apparel, not of precious metals or incorporating pearls or precious stones.	.....	FINP 8	Z	—	—	—	B
89953 Slide fasteners and parts thereof. [Report zipper wire not cut to length in appropriate Export Control number according to type metal.]	.....	FINP 8	Z	—	—	—	B
89954 Combs, barrettes, and similar hair ornaments and holders, not of precious metal or incorporating pearls or precious stones.	.....	FINP 8	Z	—	—	—	B
89955 Corset stays, and similar supports for apparel.	.....	FINP 8	XYZ	—	—	100	B
89956 Scent and similar sprayers of a kind used for toilet purposes.	No.	FINP 8	Z	—	—	—	B
89957 Tailors' dummies and animated displays for window dressing.	.....	FINP 8	Z	—	—	—	B
89961 Hearing aids	.....	SATE 8	Z	—	—	—	B
89962 Orthopedic appliances and articles, artificial parts of body, and fracture appliances.	.....	SATE 8	Z	—	—	—	B
89991 Articles made from gut, goldbusters skin, bladders, or tendons.	.....	AGRI 8	Z	—	—	—	B
89992 Prepared feathers and down and articles thereof, other than millinery.	.....	AGRI 8	Z	—	—	—	B
89993 Artificial flowers, foliage, and fruit, and articles made thereof.	.....	TEXT 8	Z	—	—	—	B
89994 Wool prepared for making wigs and similar articles.	.....	TEXT 8	YZ	—	—	—	B
89994 Other prepared animal hair, and human hair, dressed or otherwise worked, for making wigs and similar articles.	.....	TEXT 8	Z	—	—	—	B
89995 Wigs, false beards, switches, and other articles of human or animal hair.	.....	TEXT 8	Z	—	—	—	B
89996 Fans and hand screens, non-mechanical, and frames and handles therefor.	.....	TEXT 8	Z	—	—	—	B
89997 Closures for vacuum bottles and jugs. [Report cork closures in Export Control Commodity No. 633.]	.....	AGSU 8	Z	—	—	—	B
89997 Vacuum bottles, jugs, and chests, complete (assembled or unassembled), usable only for hot or cold food or drinks.	.....	FINP 8	YZ	—	—	—	B
89997 Other vacuum bottles, jugs and chests.....	.....	FINP 8	XYZ	—	—	100	B
89998 Parachute parts, *excluding complete canopies, harnesses, and platforms.*[1]	.....	TEXT 8	XYZ	—	—	100	B

[1] Parachutes for personnel or cargo dropping and aircraft deceleration, and complete canopies, harnesses, and platforms therefor, require export authorization from the U. S. Department of State. See paragraph 370.5(a).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
89999 Ground installed aircraft catapult systems, and specially designed parts, n.e.c.[1]	.....	TRAN 1	TVWXYZ	500	500	—	A
89999 Equipment specially designed to facilitate operations of military aircraft in confined areas; and specially designed parts and accessories, n.e.c.[1]	.....	TRAN 1	TVWXYZ	500	—	—	A
89999 Other nonmilitary aircraft ground handling equipment, n.e.c., and specially designed parts; ground installed arresting systems and components, n.e.c.	.....	TRAN 8	XYZ	—	—	100	B
89999 Manufactured articles, n.e.c.	.....	FINP 8	XYZ	—	—	100	B
SECTION 9—COMMODITIES AND TRANSACTIONS NOT CLASSIFIED ACCORDING TO KIND							
SPECIAL TRANSACTIONS NOT CLASSIFIED BY KIND							
93100 Replacement parts used in the repair of articles being returned which were imported into the United States for inspection, testing, calibration or repair. (Specify article and repair part by name.)	.....		WXYZ	—	—	100	[2]
		Processing code and related commodity group number applicable to each commodity under this classification are those which apply to the commodity under its individual Export Control Commodity Number.					
93100 Parts used in the alteration of articles being returned which were imported into the United States for alteration other than repair. (Specify article and parts added.)		Export controls applicable to each commodity when exported commercially under its individual Export Control Commodity Number.					
93100 Commodities, n.e.c., donated for relief or charity by individuals or private agencies. (Specify by name.) [Report exports of commodities for relief or charity purposes by governmental agencies, *excluding used clothing*, under the applicable classification for the commodity being exported; and report used clothing in Export Control Commodity No. 84999.]		Export controls applicable to each commodity under this classification are those which apply to the commodity when exported commercially under its individual Export Control Commodity Number. In addition, see paragraph 373.65 (a) (2) (v).					
93100 General merchandise valued at less than $100, except where the shipment requires a validated license. (Specify by name.)		Export controls applicable to each commodity under this classification are those which apply to the commodity when exported commercially under its individual Export Control Commodity Number.					
93100 Special transactions, not classified according to kind, n.e.c. (Specify by name.)	.....	FINP 8	XYZ	—	—	100	B
ANIMALS, N.E.C., INCLUDING ZOO ANIMALS							
94100 Animals, live, n.e.c., including zoo animals, dogs, cats, insects, and birds. (Specify by name.) [Report other live animals in Export Control Commodity No. 001.]	.....	AGRI 8	Z	—	—	—	B

[1] Aircraft launching equipment and military ground flying training equipment require export authorization from the Department of State. See paragraph 370.5(a).
[2] See paragraph 371.18(a).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
ARMS, MILITARY VEHICLES, ETC.[1]							
95102 Military rifles, caliber .22 rimfire.[2] (Specify caliber.) [Report nonmilitary rifles and shotguns in Export Commodity No. 89430.]	No.	FINP 5	TVWXYZ	500	100	—	A
95102 Military shotguns, and combination rifle-shotguns with rifle caliber .22 rimfire and under caliber .22.[2] (Specify by name and rifle caliber of combination rifle-shotguns.) [Report nonmilitary rifles and shotguns in Export Commodity No. 89430.]	No.	FINP 8	XYZ[3]	—	—	100	B
95103 Parts, *except wooden gun stock blanks and silencers*, for revolvers and military rifles, caliber .22 rimfire and under caliber .22, and for pistols, caliber .22 rimfire.[4] (Specify by name.)	.....	FINP 5	TVWXYZ	500	50	—	A
95103 Parts, *except wooden gun stock blanks, silencers, barrels, cyclinders, and breech mechanisms*, for non-automatic and semi-automatic military rifles, pistols and revolvers, caliber .22, *except caliber .22 rimfire*, and over caliber .22.[4] (Specify by name.)	.....	FINP 5	TVWXYZ	500	50	—	A
95103 Parts for military shotguns and caliber .22 rimfire pistols; and wooden gun stock blanks. (Specify by name.)	.....	FINP 8	XYZ[3]	—	—	100	B
95104 Bayonets, and specially designed parts and accessories therefor.	.....	FINP 5	TVWXYZ	500	—	—	A
95104 Other sidearms and parts thereof, n.e.c., except revolvers and pistols and parts. (Specify by name.)	.....	FINP 8	WXYZ	—	—	100	B
95105 Revolvers, *excluding smooth bore*, under .22 caliber, and .22 caliber rimfire; and pistols .22 caliber rimfire.[5] [Report parts in Export Control Commodity No. 95103.]	No.	FINP 5	TVWXYZ	500	100	—	A
95105 Revolvers, smooth bore, under caliber .22, and caliber .22 rimfire; and pistols, under caliber .22.[3] (Specify by name and caliber.)	No.	FINP 8	XYZ	—	—	100	B
95105 Compressed air and gas charged pistols....	No.	FINP 8	Z	—	—	—	B
95106 Ammunition for firearms listed under Export Control Commodity Nos. 95102 and 95105 which are subject to the Import Certificate/Delivery Verification procedure.[6] (Specify caliber.)	No.	FINP 5	TVWXYZ	500	50	—	A

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.
[2] Export authorization from the U. S. Department of State is required for (a) artillery weapons, (b) nonautomatic and semiautomatic firearms of caliber .22, *except caliber .22 rimfire*, and over calibers .22, (c) fully automatic firearms, calibers .22 to .50, inclusive, and (d) combination rifle-shotguns with rifle barrel caliber .22, *except caliber .22 rimfire*, and over caliber .22. See paragraph 370.5(a).
[3] A validated export license is also required for exportation to the Republic of South Africa of shotguns and shotgun parts.
[4] Export authorization from the U. S. Department of State is required for (a) firearms silencers, (b) barrels, cylinders and complete breech mechanisms for nonautomatic and semiautomatic firearms of caliber .22, *except caliber .22 rimfire*, and over caliber .22, (c) all components and parts for automatic firearms, calibers .22 and .50, inclusive, and (d) parts for artillery weapons. See paragraph 370.5(a).
[5] Export authorization from the U. S. Department of State is required for (a) non-automatic and semi-auomatic firearms of calibers .22 and over, *excluding those using only caliber .22 rimfire ammunition*, and (b) fully automatic firearms, calibers .22 to .50 inclusive. See paragraph 370.5(a).
[6] Export authorization from the U. S. Department of State is required for (a) ammunition calibers .22 and over, *excluding caliber .22 rimfire*, and (b) bombs, torpedos and mines. See paragraph 370.5(a).

Department of Commerce Export Control Commodity Number and Commodity Description	Unit	Processing Code and Related Commodity Group No.	Validated License Required for Country Groups Shown Below	GLV $ Value Limits for Shipment to Country Groups			Special Provisions List
				T	V	X	
95106 Ammunition for firearms listed under Export Control Commodity No. 95105 which are not subject to Import Certificate/Delivery Verification procedure.[1] (Specify caliber.) [Report shotgun shells and hunting and sporting ammunition in Export Control Commodity No. 57140.]	No.	FINP 8	XYZ	—	—	100	B
95106 Parts and components, n.e.c., for ammunition for firearms listed under Export Control Commodity Nos. 95102 and 95105 which are subject to the Import Certificate/Delivery Verification procedure. (Specify by name.)	.....	FINP 5	TVWXYZ	500	100	—	A
95106 Parts and components, n.e.c., manufactured of copper, brass, or bronze, for ammunition for firearms listed under Export Control Commodity No. 95105 (second entry). (Specify by name.)	.....	FINP 5	TVWXYZ	500	100	—	A
95106 Other parts and components, n.e.c., for ammunition for firearms listed under Export Control Commodity No. 95105 (second entry). (Specify by name.)	.....	FINP 8	XYZ	—	—	100	B
95106 Parts and components, n.e.c., *excluding cartridge cases, powder bags, bullets, jackets, cores, shells (excluding shotgun), projectiles, boosters, percussion caps, fuzes and components therefor, primers, and other detonating devices, and ammunition belting and linking machines,* for (a) ammunition for small arms, caliber .22 (except caliber .22 rimfire) and over caliber .22, and (b) ammunition for artillery, naval guns and mortars.[2] (Specify by name.)	.....	FINP 5	TVWXYZ	500	100	—	A
95110 Survival kits, and other military equipment not identified by kind.[3] (Specify by name.)	.....	FINP 8	WXYZ[4]	—	—	100	B
95200 Military apparel of all types and materials, including footwear.[3] (Specify by name.)	.....	TEXT 8	WXYZ	—	—	100	B
COINS, NOT GOLD, NOT LEGAL TENDER							
96100 Coin, other than gold coin, not being legal tender.[5] [Report numismatic and collectors coins in Export Control Commodity No. 89600; coins mounted in objects of personal adornment in Nos. 89711-89720; coins for legal tender in Nos. 68070 and 68080.]	.....	FINP 8	XYZ	—	—	100	B

[1] Export authorization from the U. S. Department of State is required for (a) ammunition calibers .22 and over, *excluding caliber .22 rimfire*, and (b) bombs, torpedos and mines. See paragraph 370.5(a).

[2] Export authorization from the U. S. Department of State is required for cartridge cases, powder bags, bullets, jackets, cores, shells (excluding shotgun), projectiles, boosters, percussion caps, fuzes and components therefor, primers, and other detonating devices, and ammunition belting and linking machines.

[3] See paragraph 370.5(a) for commodities which require export authorization from U. S. Department of State.

[4] A validated export license is also required for the exportation to Indonesia of the commodities described in this entry.

[5] Gold coins require export authorization from the U. S. Treasury Department. See paragraph 370.5(b).

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