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The Code of Federal Regulations is sold by the Superintendent of Documents. Prices of new books are listed in the first FEDERAL REGISTER issue of each month.

Title 1—General Provisions

CHAPTER I—ADMINISTRATIVE COMMITTEE OF THE FEDERAL REGISTER CFR CHECKLIST 1973 Issuances

This checklist, prepared by the Office of the Federal Register, is published in the first issue of each month. It is arranged in the order of CFR titles, and shows the issuance date and price of revised volumes of the Code of Federal Regulations issued to date during 1973. New units issued during the month are announced on the back cover of the daily FEDERAL REGISTER as they become available.

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CFR unit (Rev. as of Jan. 1, 1973):

Title	Price
1	\$0.55
2 [Reserved]	
7 Part 750-899	2.10
8	1.85
11	.75

Title 4—Accounts

CHAPTER III—COST ACCOUNTING STANDARDS BOARD

SUBCHAPTER A—ADMINISTRATION

PART 303—RELEASE OF INFORMATION Fees for Copying Board Records

The purpose of this publication by the Cost Accounting Standards Board is to modify Part 303, Release of Information, of its rules and regulations by reducing of the fee set forth in § 303.5 for copying Board records. Initially, the Board established a fee of 25 cents per page. This fee was based on the Board's estimates of the probable cost of preparing such copies and on information regarding the fees charged by other agencies. Experience indicates that the cost for copying will not be as high as originally estimated and that a 10-cent-per-page charge will suffice. This is consistent with the experience of other agencies which have adopted lower fee schedules.

Section 303.5 *Fees for copying* is revised as follows:

§ 303.5 Fees for copying.

(a) The fee for copying Board records shall be 10 cents per page for standard-size pages. The fee for copying non-standard-size pages shall be determined proportionately.

(b) Fees shall be paid in advance to the Cost Accounting Standards Board.

(c) There shall be no charge made for search, retrieval, and handling of records.

Effective date. This amendment is effective on March 1, 1973.

(84 Stat. 796, sec. 103; 50 U.S.C. App. sec. 2168)

ARTHUR SCHOENHAUT,
Executive Secretary.

[FR Doc. 73-3793 Filed 2-28-73; 8:45 am]

Title 9—Animals and Animal Products

CHAPTER I—ANIMAL AND PLANT HEALTH INSPECTION SERVICE, DEPARTMENT OF AGRICULTURE

SUBCHAPTER C—INTERSTATE TRANSPORTATION OF ANIMALS (INCLUDING POULTRY) AND ANIMAL PRODUCTS; EXTRAORDINARY EMERGENCY REGULATION OF INTRASTATE ACTIVITIES

[Docket No. 73-514]

PART 76—HOG CHOLERA AND OTHER COMMUNICABLE SWINE DISEASES

Release of Area Quarantined

The amendment excludes portions of Northampton, Hertford, and Gates Counties in North Carolina from the areas quarantined because of hog cholera. Therefore, the restrictions pertaining to the interstate movement of swine and swine products from or through quarantined areas contained in 9 CFR Part 76, as amended, do not apply to the excluded area, but will continue to apply to the quarantined areas described in § 76.2(e). Further, the restrictions pertaining to the interstate movement of swine and swine products from nonquarantined areas contained in said Part 76 apply to the excluded area. No area in North Carolina remains under quarantine.

Pursuant to provisions of the Act of May 29, 1884, as amended, the Act of February 2, 1903, as amended, the Act of March 3, 1905, as amended, the Act of September 6, 1961, and the Act of July 2, 1962 (21 U.S.C. 111-113, 114g, 115, 117, 120, 121, 123-126, 134b, 134f), Part 76, Title 9, Code of Federal Regulations, restricting the interstate movement of swine and certain products because of hog cholera and other communicable swine diseases, is hereby amended in the following respects:

In § 76.2, paragraph (e) (3) relating to the State of North Carolina is deleted.

(Secs. 4-7, 23 Stat. 32, as amended; secs. 1 and 2, 32 Stat. 791-792, as amended; secs. 1-4, 33 Stat. 1264, 1265, as amended; sec. 1, 75 Stat. 481; secs. 3 and 11, 76 Stat. 130, 132; 21 U.S.C. 111-113, 114g, 115, 117, 120, 121, 123-126, 134b, 134f; 37 FR 28464, 28477)

Effective date. The foregoing amendment shall become effective February 23, 1973.

The amendment relieves restrictions presently imposed but no longer deemed necessary to prevent the spread of hog cholera and must be made effective promptly in order to be of maximum benefit to affected persons. It does not appear that public participation in this rule making proceeding would make additional relevant information available to the Department.

Accordingly, under the administrative procedure provisions in 5 U.S.C. 553, it is found upon good cause that notice and other public procedure with respect to the amendment are impracticable and unnecessary, and good cause is found for making it effective less than 30 days after publication in the FEDERAL REGISTER.

Done at Washington, D.C., this 23d day of February 1973.

C. H. WISE,
*Acting Administrator, Animal
and Plant Health Inspection
Service.*

[FR Doc. 73-3849 Filed 2-28-73; 8:45 am]

Title 14—Aeronautics and Space

CHAPTER I—FEDERAL AVIATION ADMINISTRATION, DEPARTMENT OF TRANSPORTATION

[Airspace Docket No. 72-SW-75]

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

Alteration of VOR Federal Airway

On December 8, 1972, a notice of proposed rule making (NPRM) was published in the FEDERAL REGISTER (37 FR 26125) stating that the Federal Aviation Administration (FAA) was considering an amendment to Part 71 of the Federal Aviation Regulations that would alter VOR Federal Airway No. 306 to the north between Navasota, Tex., and Daisetta, Tex.

Interested persons were afforded an opportunity to participate in the proposed rule making through the submission of comments. Two comments were received in response to this proposal. The Air Transport Association of America concurred with the proposal. The manager of the Cleveland Municipal Airport objected to the proposal. The objection was resolved by changing the Daisetta, Tex. 286° T to 283° T radial.

In consideration of the foregoing, Part 71 of the Federal Aviation Regulations

is amended, effective 0901 G.m.t., April 26, 1973, as hereinafter set forth.

Section 71.123 (38 FR 307) is amended as follows:

In V-306 "via Navasota, Tex.; Daisetta, Tex.," is deleted and "via Navasota, Tex.; INT of Navasota 084° and Daisetta, Tex. 283° radials; Daisetta;" is substituted therefor.

(Sec. 307(a), Federal Aviation Act of 1958, 49 U.S.C. 1348(a); sec. 6(c), Department of Transportation Act 49 U.S.C. 1655(c))

Issued in Washington, D.C., on February 22, 1973.

CHARLES H. NEWPOL,
Chief, Airspace and Air
Traffic Rules Division,

[FR Doc.73-3764 Filed 2-28-73;8:45 am]

[Airspace Docket No. 72-RM-25]

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

Designation of Transition Area

On January 9, 1973, a notice of proposed rule making was published in the FEDERAL REGISTER (38 FR 1125) stating that the Federal Aviation Administration was considering an amendment to Part 71 of the Federal Aviation Regulations that would designate a transition area at Madison, S. Dak.

Interested persons were given 30 days in which to submit written comments, suggestions, or objections. No objections have been received and the proposed amendment is hereby adopted without change.

Effective date. This amendment shall be effective 0901 G.m.t., May 24, 1973.

(Sec. 307(a), Federal Aviation Act of 1958, as amended, 49 U.S.C. 1348(a); sec. 6(c), Department of Transportation Act 49 U.S.C. 1655(c))

Issued in Aurora, Colo., on February 20, 1973.

M. M. MARTIN,
Director, Rocky Mountain Region.

In § 71.181 (37 FR 2143) the description of the Madison, S. Dak., transition area is designated to read:

MADISON, S. DAK.

That airspace extending upward from 700 feet above the surface within a 5-mile radius of the Madison Municipal Airport (latitude 44°00'54" N., longitude 97°04'45" W.); within 3 miles each side of the 346° bearing from the Madison Municipal Airport, extending from the 5-mile radius to 8½ miles north of the airport; and that airspace extending upward from 1,200 feet above the surface within 5½ miles east and 9½ miles west of the 346° and 166° bearings from the Madison Municipal Airport; extending from 7 miles south of the airport to 18½ miles north of the airport.

[FR Doc.73-3762 Filed 2-28-73;8:45 am]

[Airspace Docket No. 72-CE-24]

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

Alteration of Transition Area; Correction

In FR Doc. 72-21070 appearing on page 26101 of the issue for Friday, December 8, 1972, the Parsons, Kans., transition area description is corrected by deleting "Tri-City RBN" each place it appears in the text and substituting "Parsons RBN" therefor.

Issued in Kansas City, Mo., on February 6, 1973.

JOHN M. CYROCKI,
Director, Central Region.

[FR Doc.73-3761 Filed 2-28-73;8:45 am]

[Docket No. 12570; Amdt. No. 853]

PART 97—STANDARD INSTRUMENT APPROACH PROCEDURES

Recent Changes and Additions

This amendment to Part 97 of the Federal Aviation Regulations incorporates by reference therein changes and additions to the Standard Instrument Approach Procedures (SIAPs) that were recently adopted by the Administrator to promote safety at the airports concerned.

The complete SIAPs for the changes and additions covered by this amendment are described in FAA Forms 3139, 8260-3, 8260-4, or 8260-5 and made a part of the public rulemaking dockets of the FAA in accordance with the procedures set forth in Amendment No. 97-696 (35 FR 5609).

SIAPs are available for examination at the Rules Docket and at the National Flight Data Center, Federal Aviation Administration, 800 Independence Avenue SW., Washington, DC 20591. Copies of SIAPs adopted in a particular region are also available for examination at the headquarters of that region. Individual copies of SIAPs may be purchased from the FAA Public Document Inspection Facility, HQ-405, 800 Independence Avenue SW., Washington, DC 20591 or from the applicable FAA regional office in accordance with the fee schedule prescribed in 49 CFR 7.85. This fee is payable in advance and may be paid by check, draft or postal money order payable to the Treasurer of the United States. A weekly transmittal of all SIAP changes and additions may be obtained by subscription at an annual rate of \$150 per annum from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Additional copies mailed to the same address may be ordered for \$30 each.

Since a situation exists that requires immediate adoption of this amendment, I find that further notice and public procedure hereon is impracticable and good cause exists for making it effective in less than 30 days.

In consideration of the foregoing, Part 97 of the Federal Aviation Regulations is amended as follows, effective on the dates specified:

1. Section 97.23 is amended by originating, amending, or canceling the following VOR-VOR/DME SIAPs, effective April 12, 1973.

Findlay, Ohio—Findlay Airport, VOR Runway 7, Amdt. 6.

Fresno, Calif.—Fresno-Chandler Downtown Airport, VOR-A, Amdt. 2.

Logan, Utah—Logan-Cache Airport, VOR-A, original.

Logan, Utah—Logan-Cache Airport, VOR-B, original.

Martha's Vineyard, Mass.—Martha's Vineyard Airport, VOR Runway 6, original.

Martha's Vineyard, Mass.—Martha's Vineyard Airport, VOR Runway 24, Amdt. 6.

*** effective March 15, 1973.

Big Rapids, Mich.—Roben Hood Airport, VOR-A, original.

2. Section 97.25 is amended by originating, amending, or canceling the following SDF-LOC-SDF SIAPs, effective April 12, 1973.

Atlanta, Ga.—Fulton County Airport, LOC-A, original, canceled.

Atlanta, Ga.—Fulton County Airport, LOC Runway 8R, original.

*** effective April 5, 1973.

Baltimore, Md.—Friendship International Airport, LOC (BC) Runway 28, Amdt. 9.

Baltimore, Md.—Friendship International Airport, LOC (BC) Runway 33, Amdt. 1.

3. Section 97.27 is amended by originating, amending, or canceling the following NDB/ADF SIAPs, effective April 12, 1973.

Atlanta, Ga.—Fulton County Airport, NDB-A, Amdt. 1, canceled.

Atlanta, Ga.—Fulton County Airport, NDB Runway 8R, original.

Florence, S.C.—Florence Municipal Airport, NDB Runway 9, Amdt. 3.

Fresno, Calif.—Fresno-Chandler Downtown Airport, NDB-A, Amdt. 2.

Logan, Utah—Logan-Cache Airport, NDB-A, original.

Logan, Utah—Logan-Cache Airport, NDB (ADF) Runway 17, Amdt. 2, canceled.

Martha's Vineyard, Mass.—Martha's Vineyard Airport, NDB Runway 24, Amdt. 15.

Troutdale, Oreg.—Portland-Troutdale Airport, NDB-A, Amdt. 1.

*** effective February 21, 1973.

Appleton, Wis.—Outagamie County Airport, NDB Runway 2, Amdt. 2.

*** effective February 16, 1973.

La Crosse, Wis.—La Crosse Municipal Airport, NDB Runway 18, Amdt. 2.

4. Section 97.29 is amended by originating, amending, or canceling the following ILS SIAPs, effective April 12, 1973.

Florence, S.C.—Florence Municipal Airport, ILS Runway 9, Amdt. 3.

97.29 *** effective February 21, 1973.

Appleton, Wis.—Outagamie County Airport, ILS Runway 2, Amdt. 3.

5. Section 97.31 is amended by originating, amending, or canceling the following Radar SIAPs, effective April 12, 1973.

Reno, Nev.—Reno International Airport, Radar-1, Amdt. 1.

(Secs. 307, 313, 601, 1110, Federal Aviation Act of 1958; 49 U.S.C. 1438, 1354, 1421, 1510; sec. 6(c) Department of Transportation Act, 49 U.S.C. 1655(c) and 5 U.S.C. 552(a)(1))

Issued in Washington, D.C., on February 23, 1973.

C. R. McLVORN, Jr.
Acting Director,
Flight Standards Service.

NOTE: Incorporation by reference provisions in §§ 97.10 and 97.20 (35 FR 5610) approved by the Director of the Federal Register on May 12, 1969.

[FR Doc. 73-3700 Filed 2-28-73; 8:45 am]

Title 17—Commodity and Securities Exchanges

CHAPTER II—SECURITIES AND EXCHANGE COMMISSION

[Releases Nos. 33-5310, 34-9796, IC-7390, IA-336]

PART 231—INTERPRETATIVE RELEASES RELATING TO THE SECURITIES ACT OF 1933 AND GENERAL RULES AND REGULATIONS THEREUNDER

PART 241—INTERPRETATIVE RELEASES RELATING TO THE SECURITIES EXCHANGE ACT OF 1934 AND GENERAL RULES AND REGULATIONS THEREUNDER

PART 271—INTERPRETATIVE RELEASES RELATING TO THE INVESTMENT COMPANY ACT OF 1940 AND GENERAL RULES AND REGULATIONS THEREUNDER

PART 276—INTERPRETATIVE RELEASES RELATING TO THE INVESTMENT ADVISERS ACT OF 1940 AND GENERAL RULES AND REGULATIONS THEREUNDER

Commencement of Enforcement Proceedings and Termination of Staff Investigations

The Report of the Advisory Committee on Enforcement Policies and Practices, submitted to the Commission on June 1, 1972, contained several recommendations designed to afford persons under investigation by the Commission an opportunity to present their positions to the Commission prior to the authorization of an enforcement proceeding.¹ These procedural measures, if adopted, would in general require that a prospective defendant or respondent be given notice of the staff's charges and proposed enforcement recommendation and be accorded an opportunity to submit a written statement to the Commission which would accompany the staff recommendation. The objective of the recommended procedures is to place before the Commission prior to the authorization of an enforcement proceeding the contentions of both its staff and the adverse party

¹ See Report of the Advisory Committee on Enforcement Policies and Practices, June 1, 1972, p. 31, et seq.

concerning the facts and circumstances which form the basis for the staff recommendation.²

The Commission has given these recommendations careful consideration. While it agrees that the objective is sound, it has concluded that it would not be in the public interest to adopt formal rules for that purpose. Rather, it believes it necessary and proper that the objective be attained, where practicable, on a strictly informal basis in accordance with the procedures which are now generally in effect.

The Commission desires not only to be informed of the findings made by its staff but also, where practicable and appropriate, to have before it the position of persons under investigation at the time it is asked to consider enforcement action.

The Commission, however, is also conscious of its responsibility to protect the public interest. It cannot place itself in a position where, as a result of the establishment of formal procedural requirements, it would lose its ability to respond to violative activities in a timely fashion.

The Commission believes that the adoption of formal requirements could seriously limit the scope and timeliness of its possible action and inappropriately inject into actions it brings issues, irrelevant to the merits of such proceedings, with respect to whether or not the defendant or respondent had been afforded an opportunity to be heard prior to the institution of proceedings against him and the nature and extent of such opportunity.

The Commission is often called upon to act under circumstances which require immediate action if the interests of investors or the public interest are to be protected. For example, in one recent case involving the insolvency of a broker-dealer firm, the Commission was successful in obtaining a temporary injunctive decree within 4 hours after the staff had learned of the violative activities. In cases such as that referred to, where prompt action is necessary for the protection of investors, the establishment of fixed time periods, after a case is otherwise ready to be brought, within which proposed defendants or respondents could present their positions would result in delay contrary to the public interest.

² It should be noted that the obtaining of a written statement from a person under investigation is expressly authorized by section 20(a) of the Securities Act of 1933 and section 21(a) of the Securities Exchange Act of 1934, section 21(a) of the Exchange Act provides as follows: "The Commission may, in its discretion, make such investigations as it deems necessary to determine whether any person has violated or is about to violate any provision of this title or any rule or regulation thereunder, and may require or permit any person to file with it a statement in writing, under oath or otherwise as the Commission shall determine, as to all the facts and circumstances concerning the matter to be investigated. * * *"

The Commission, however, wishes to give public notice of a practice, which it has heretofore followed on request, of permitting persons involved in an investigation to present a statement to it setting forth their interests and position. But the Commission cannot delay taking action which it believes is required pending the receipt of such a submission, and, accordingly, it will be necessary, if the material is to be considered, that it be timely submitted. In determining what course of action to pursue, interested persons may find it helpful to discuss the matter with the staff members conducting the investigation. The staff, in its discretion, may advise prospective defendants or respondents of the general nature of its investigation, including the indicated violations as they pertain to them, and the amount of time that may be available for preparing a submission. The staff must, however, have discretion in this regard in order to protect the public interest and to avoid not only delay, but possible untoward consequences which would obstruct or delay necessary enforcement action.

Where a disagreement exists between the staff and a prospective respondent or defendant as to factual matters, it is likely that this can be resolved in an orderly manner only through litigation. Moreover, the Commission is not in a position to, in effect, adjudicate issues of fact before the proceeding has been commenced and the evidence placed in the record. In addition, where a proposed administrative proceeding is involved, the Commission wishes to avoid the possible danger of apparent prejudgment involved in considering conflicting contentions, especially as to factual matters, before the case comes to the Commission for decision. Consequently, submissions by prospective defendants or respondents will normally prove most useful in connection with questions of policy, and, on occasion, questions of law, bearing upon the question of whether a proceeding should be initiated, together with considerations relevant to a particular prospective defendant or respondent which might not otherwise be brought clearly to the Commission's attention.

Submissions by interested persons should be forwarded to the appropriate Division Director or Regional Administrator with a copy to the staff members conducting the investigation and should be clearly referenced to the specific investigation to which it relates. In the event that a recommendation for enforcement action is presented to the Commission by the staff, any submissions by interested persons will be forwarded to the Commission in conjunction with the staff memorandum.

It is hoped that this release will be useful in encouraging interested persons to make their views known to the Commission and in setting forth the procedures by which that objective can best be achieved.

The Advisory Committee also recommended that the Commission should adopt in the usual case the practice of notifying a person who is the subject of an investigation, and against whom no further action is contemplated, that the staff has concluded its investigation of the matters referred to in the investigative order and has determined that it will not recommend the commencement of an enforcement proceeding against him.²

We believe this is a desirable practice and are taking steps to implement it in certain respects. However, we do not believe that we can adopt a rule or procedure under which the Commission in each instance will inform parties when its investigation has been concluded. This is true because it is often difficult to determine whether an investigation has been concluded or merely suspended, and because an investigation believed to have been concluded may be reactivated as a result of unforeseen developments. Under such circumstances, advice that an investigation has been concluded could be misleading to interested persons.

The Commission is instructing its staff that in cases where such action appears appropriate, it may advise a person under inquiry that its formal investigation has been terminated. Such action on the part of the staff will be purely discretionary on its part for the reasons mentioned above. Even if such advice is given, however, it must in no way be construed as indicating that the party has been exonerated or that no action may ultimately result from the staff's investigation of that particular matter. All that such a communication means is that the staff has completed its investigation and that at that time no enforcement action has been recommended to the Commission. The attempted use of such a communication as a purported defense in any action that might subsequently be brought against the party, either civilly or criminally, would be clearly inappropriate and improper since such a communication, at the most, can mean that, as of its date, the staff of the Commission does not regard enforcement action as called for based upon whatever information it then has. Moreover, this conclusion may be based upon various reasons, some of which, such as workload considerations, are clearly irrelevant to the merits of any subsequent action.

By the Commission, September 27, 1972.

[SEAL] RONALD F. HUNT,
Secretary.
[FR Doc.73-3792 Filed 2-28-73;8:45 am]

Title 18—Conservation of Power and Water Resources

CHAPTER II—TENNESSEE VALLEY AUTHORITY

PART 305—LAND BETWEEN THE LAKES

Subpart A—Use of Motorized Vehicles

In accordance with the requirements of section 4 of Executive Order 11644,

² Report, p. 20.

this document establishes regulations prescribing operating conditions for off-road vehicles, and also for other vehicles, in the designated portions of TVA's recreation and conservation demonstration area, Land Between the Lakes. It prescribes licensing, speed, and equipment requirements for roads open to general vehicular travel, provides for the designation of areas where the use of off-road vehicles will be permitted, and designates the areas presently available for such use. The regulations specify the times when designated areas will be open for off-road vehicle operation, limitations on their use designed to prevent significant adverse effects on the environment, equipment requirements and other safety measures, and provisions for enforcement of the regulations. As required by Executive Order 11644, the regulations are directed at protecting resource values, preserving public health, safety, and welfare, and minimizing use conflicts.

Effective date. These regulations are effective April 1, 1973.

LYNN SEEBER,
General Manager.

Subpart A—Use of Motorized Vehicles

Sec.	
305.1	Motor vehicles generally.
305.2	Motorcycles.
305.3	Off-road vehicles.
305.4	Major off-road vehicle areas.
305.5	Mini-bike areas at family campgrounds as designated.
305.6	Enforcement.

Authority: 16 U.S.C. 831-831dd. Sections 305.1 to 305.6 also issued under 42 U.S.C. 4321 and E.O. 11644, 37 FR 2877.

§ 305.1 Motor vehicles generally.

All properly licensed motor vehicles may be operated on paved, graveled, or graded roads unless otherwise posted or gated or barricaded, and on other roads if specifically authorized in writing by an authorized Land Between the Lakes official. Driving in woods or fields or on footpaths or utility rights of way is prohibited, except as authorized in §§ 305.3-305.5. Drivers must hold a valid State operator's license to drive on improved roads. All vehicles must be equipped with properly functioning mufflers. Maximum speed within Land Between the Lakes is 35 miles per hour or less if so posted, except on the Trace and U.S. Highway 68, where a maximum speed of 60 miles per hour is permitted unless posted for reduced speeds.

§ 305.2 Motorcycles.

Motorcycles of all types shall be equipped with properly functioning spark arresters. Safety requirements for motorcycle riders on improved roads are safety helmets and protective eyewear.

§ 305.3 Off-road vehicles.

Except for operation as authorized in § 305.1, off-road vehicles, including trail bikes and mini-bikes, may be operated only within the posted boundaries of areas designated by TVA for this purpose during daylight hours, in accordance with posted regulations, and at the

sole risk of the operator. TVA recommends that off-road vehicle riders follow all safety practices recommended by the American Motorcycle Association regarding safety helmets, heavy shoes, protective clothing, and protective shatterproof eyewear. All vehicles shall be equipped with properly functioning mufflers, and motorcycles with spark arresters. No vehicles emitting an unusually loud noise may be operated in such areas. All operation of such vehicles shall be in full compliance with applicable State laws. If such laws permit operation within such areas without registration and licensing, any unlicensed bikes must be transported to the areas.

§ 305.4 Major off-road vehicle areas.

(a) Off-road vehicles of all kinds, including trail bikes and mini-bikes, may be operated within the posted boundaries of major off-road vehicle areas, which include trails, camping space, unloading ramps, and sanitary facilities. The only area presently so designated is the Turkey Bay Off-Road Vehicle Area, a 2,500-acre tract reached by a drive running west off the Trace approximately 2¼ miles south of the U.S. Highway 68 overpass.

(b) Off-road vehicles may be operated in these areas from 8 a.m. until 30 minutes before sundown. Motors must be off at all other times except for the purpose of entering or leaving the area.

(c) The areas will not be made available for competitive events sponsored by any organized riding groups.

(d) All one-way and other directional signs on trails shall be strictly observed.

(e) Signs designating cemeteries, experimental plantings, and other portions of these areas as off limits to riders shall be strictly observed.

(f) All garbage and other debris must be placed in containers provided.

(g) Riders and campers in the areas shall not harass or otherwise disturb other persons or wildlife in any way.

§ 305.5 Mini-bike areas at family campgrounds as designated.

(a) Mini-bikes and small trail bikes may be ridden on marked trails and within posted boundaries in areas designated for that purpose at family campgrounds. Such areas are presently designated at the Piney and Hillman Ferry campgrounds.

(b) These areas are open from 9:30 a.m. until 30 minutes before sundown.

(c) All bikes must be equipped with a properly functioning combination muffler and U.S. Forest Service-approved spark arrester.

(d) All one-way and other directional signs on trails shall be strictly observed.

(e) Reckless operation, horseplay, and any action endangering or disturbing other users is prohibited.

§ 305.6 Enforcement.

Persons violating any of the foregoing rules and regulations may be excluded from Land Between the Lakes or denied use of the areas and trails designated

for operation of off-road vehicles, as deemed appropriate by authorized officials of Land Between the Lakes.

[FR Doc.73-3889 Filed 2-28-73;8:45 am]

Title 21—Food and Drugs

CHAPTER I—FOOD AND DRUG ADMINISTRATION, DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

SUBCHAPTER A—GENERAL

PART 1—REGULATIONS FOR THE ENFORCEMENT OF THE FEDERAL FOOD, DRUG, AND COSMETIC ACT AND THE FAIR PACKAGING AND LABELING ACT

Nutrition Labeling; Correction

In FR Doc. 73-988, appearing at page 2125 in the issue of Friday, January 19, 1973, the second sentence in § 1.17(a) on page 2130 is corrected to read "Except as provided in paragraph (h) of this section, inclusion of any added nutrient in a product or of any nutrition claim or information, other than sodium and/or cholesterol content, on a label or in advertising for a food subjects the label to the requirements of this section, and in labeling for a food subjects the label and that labeling to the requirements of this section except that the label of a food will not be subject to the requirements of this section solely because of a manufacturer's or distributor's direct written reply to an unsolicited request for information on the nutrient, cholesterol, or calorie content of such a food."

Dated: February 23, 1973.

WILLIAM F. RANDOLPH,
Acting Associate Commissioner
for Compliance.

[FR Doc. 73-3880 Filed 2-28-73;8:45 am]

SUBCHAPTER C—DRUGS

PART 148e—ERYTHROMYCIN

Erythromycin Ethylsuccinate Oral Suspension

The Commissioner has evaluated data submitted in accordance with regulations promulgated under section 507 of the Federal Food, Drug, and Cosmetic Act, with respect to approval of a reformulation of the antibiotic drug erythromycin ethylsuccinate oral suspension.

The Commission concludes that data supplied by the manufacturer concerning the subject antibiotic drug is adequate to establish its safety and efficacy when used as directed in the labeling and that the regulations should be amended to provide for the certification of this drug.

Therefore, pursuant to provisions of the Federal Food, Drug, and Cosmetic Act (sec. 507, 59 Stat. 463, as amended; 21 U.S.C. 357) and under authority delegated to the Commissioner (21 CFR 2.120), Part 148e is amended in § 148e.13 by revising paragraphs (a) (1), (a) (3) (1) (b), and (b) to read as follows:

§ 148e.13 Erythromycin ethylsuccinate oral suspension.

(a) * * *

(1) *Standards of identity, strength, quality, and purity.* Erythromycin ethylsuccinate oral suspension is erythromycin ethylsuccinate with suitable and harmless buffer substances, dispersing agents, diluents, colorings, flavorings, and preservatives. Each milliliter contains erythromycin ethylsuccinate equivalent to 40 milligrams of erythromycin. Its potency is satisfactory if it is not less than 90 percent and not more than 120 percent of the number of milligrams of erythromycin that it is represented to contain. Its pH is not less than 6.5 and not more than 8.5. The erythromycin ethylsuccinate used conforms to the standards prescribed by § 148e.7(a) (1).

(3) * * *

(1) * * *

(b) The batch for potency and pH.

(b) *Tests and methods of assay—*(1) *Potency.* Proceed as direct in § 141.110 of this chapter, preparing the sample for assay as follows: Place an accurately measured representative volume of the suspension into a high-speed glass blender jar and add sufficient methyl alcohol to give a concentration of 1.0 milligram of erythromycin base per milliliter (estimated). Blend for 3 to 5 minutes. Further dilute with 0.1M potassium phosphate buffer, pH 8.0 (solution 3), to the reference concentration of 1.0 microgram of erythromycin base per milliliter (estimated).

(2) *pH.* Proceed as directed in § 141.503 of this chapter, using the undiluted drug.

Since the conditions prerequisite to providing for certification of this drug have been complied with and since the matter is noncontroversial in nature, notice and public procedure and delayed effective date are not prerequisites to this promulgation.

Effective date. This order shall be effective on March 1, 1973.

(Sec. 507, 59 Stat. 463, as amended; 21 U.S.C. 357)

Dated: February 21, 1973.

MARY A. MCENIRY,
Assistant to the Director for
Regulatory Affairs, Bureau of
Drugs.

[FR Doc.73-3858 Filed 2-28-73;8:45 am]

PART 148m—TROLEANDOMYCIN

Troleandomycin Oral Suspension; Upper Potency Limit

In a notice of proposed rule making published in the FEDERAL REGISTER of November 9, 1972 (37 FR 23845), the Commissioner of Food and Drugs proposed that Part 148m be amended to raise the upper limit of potency for troleandomy-

cin oral suspension from 120 to 125 percent. Interested persons were invited to submit their comments in response to the notice of proposed rule making within 60 days. No comments were received. Accordingly, the Commissioner concludes that the antibiotic drug regulations should be amended as set forth below.

Therefore, pursuant to provisions of the Federal Food, Drug, and Cosmetic Act (sec. 507, 59 Stat. 463, as amended; 21 U.S.C. 357) and under authority delegated to the Commissioner (21 CFR 2.120), Part 148m is amended in § 148m.7 *Troleandomycin oral suspension*, to raise the upper limit of potency for the drug by changing "not more than 120 percent of the number of milligrams" in the third sentence of paragraph (a) (1) to read "not more than 125 percent of the number of milligrams".

Effective date. This order shall become effective April 2, 1973.

(Sec. 507, 59 Stat. 463, as amended; 21 U.S.C. 357)

Dated: February 22, 1973.

MARY A. MCENIRY,
Assistant to the Director for
Regulatory Affairs, Bureau of
Drugs.

[FR Doc.73-3861 Filed 2-28-73;8:45 am]

SUBCHAPTER F—REGULATIONS UNDER SPECIFIC ACTS OF CONGRESS OTHER THAN THE FEDERAL FOOD, DRUG, AND COSMETIC ACT

PART 295—REGULATIONS UNDER THE POISON PREVENTION PACKAGING ACT OF 1970

Temporary Exemption From Requirements for Poison Prevention Packaging for Metal Containers With 12 Aspirin Tablets

In the FEDERAL REGISTER of January 26, 1973 (38 FR 2487), the Commissioner of Food and Drugs published for comment petitions received from Sterling Drug, Inc., and American Home Products Corp. requesting exemptions from the child protection packaging requirements as they pertain to 12-tablet metal containers (tins) of aspirin. The time for comment expired on February 12, 1973.

Comments were received in support of the petitions from one of the petitioners (enclosing an affidavit of a physician who is an associate professor of physiology at the University of Texas Southwestern Medical School); a pediatrician who is director of the Poison Control Center at Duke University; the technical director of the Poison Information Center of the Academy of Medicine of Cleveland, who is a past president of the American Association of Poison Control Centers; a pediatrician, who is director of the Syracuse, N.Y., Poisoning Prevention Program and a member of the Committee on Accident Prevention of the American Academy of Pediatrics; a pediatrician, who is chief of the Pediatric Department at Madigan General Hospital, Tacoma, Wash., and the chairman of the Subcommittee on Accidental Poisoning of the American Academy of Pediatrics; the professor of

toxicology, pharmacology, and pathology and director of the Institute of Experimental Pathology and Toxicology at the Albany Medical College; an associate professor of pharmacology and associate professor of medicine at Cornell University Medical College; and Plough, Inc., a manufacturer and distributor of 5-grain aspirin packaged in 12-tablet tins. Two comments were received in opposition to the petitions, one from the American Academy of Pediatrics and one from the chief of the Maternal and Child Health Division of the Omaha-Douglas County Health Department, Omaha, Nebr. Burroughs Wellcome Co. requested that the temporary exemption be expanded to cover all packaging of aspirin-containing tablets of less than 75 grains aspirin content because the company has had on order since May 1972 safety closure caps for a 12-tablet bottle, which have not yet been supplied. Bristol-Myers Products, which currently markets an aspirin product in a vial containing 12 tablets using a safety closure that meets the requirements of the act and regulations, opposed the temporary exemption or, in the alternative, recommended that it be made a permanent exemption.

After considering all of the comments and other information available to him, the Commissioner concludes that a temporary exemption from the safety packaging closure requirements should be granted to permit manufacturers to use existing packaging until packaging meeting the requirements of the regulations is developed, or through June 30, 1973, whichever occurs first. Any packaging shipped in interstate commerce on or after July 1, 1973, must fully meet the requirements for safety packaging. This temporary exemption will not apply to flavored aspirin or aspirin intended for pediatric use.

The Commissioner recognizes that it is often difficult to draw a hard and fast line between the level that will cause serious personal injury or illness and the level that is free from serious harm, because of the numerous variables involved. It is apparent from the comments received on these petitions that the levels here involved (60 and 75 grains of aspirin) fall within a gray zone that is neither clearly harmful nor clearly safe. Under these circumstances, the Food and Drug Administration should always err on the side of caution. Accordingly, there is no question but that poison preven-

tion packaging should be required for all products containing aspirin above a minimal level as soon as is feasible.

At the same time, however, the comments reflect the fact that the levels here involved have not, in actual practice, created a significant public health hazard. Comments from poison control centers and statistics from the National Clearinghouse for Poison Control Centers indicate that this quantity of aspirin, packaged in this way, has resulted in only four reported instances of accidental ingestion by a child in 1971, and in no known death, permanent harm, or serious injury.

The Commissioner has carefully reviewed the record of the companies on this matter. There appears to be no dispute that the companies in good faith entered into agreements to purchase an adequate supply of packaging that would meet the requirements of the regulations, and that the failure of closure manufacturers to meet their commitment was not the fault of the aspirin manufacturers. The Commissioner recognizes that at least one aspirin manufacturer has developed its own poison prevention packaging, and is aware of the competitive unfairness involved in a temporary exemption for others. To reduce this impact the exemption will be granted for only 4 months.

None of the comments seriously suggest that aspirin packaged in units of 12 tablets, containing 60 or 75 grains of aspirin, should permanently be exempt from the poison prevention packaging requirements, and the Commissioner would not entertain such a suggestion. The major reason for the enactment of the Poison Prevention Packaging Act of 1970 was the hazard associated with accidental ingestion of aspirin by children. The act provides for one noncomplying package, and this is the only package that should be permanently exempt. To permit a proliferation of noncomplying packages would, over the long run, substantially increase the potential hazard of accidental ingestion and thus undermine the entire purpose of the statute.

The Commissioner concludes that the temporary exemption here granted for 4 months will not create a public health hazard. The metal containers now being used come close to meeting the requirements for poison prevention packaging. The act itself permits manufacturers to use a noncomplying package, and

manufacturers have generally chosen bottles containing substantially more than 12 tablets for this permanent exemption. The act also permits manufacturers to use up their inventory of already manufactured products, and thus allows manufacturers to continue to market other noncomplying packages for an undeterminable period of time regardless of the temporary exemption granted in this order. The temporary exemption granted in this order permits interstate shipment only through June 30, 1973, and thus does not permit the interstate shipment of any noncomplying inventory of 12-tablet packages after that date pursuant to this temporary exemption.

Accordingly, pursuant to provisions of the Poison Prevention Packaging Act of 1970 (secs. 2(4), 3, 5, 84 Stat. 1670-1672; 15 U.S.C. 1471(4), 1472, 1474) and under authority delegated to the Commissioner (21 CFR 2.120), § 295.2(a) is amended by adding a new subdivision (iii) to paragraph (1) as follows:

§ 295.2 Substances requiring "special packaging."

(a) * * *

(1) * * *

(i) * * *

(iii) Unflavored aspirin-containing preparations in tablet form (other than those intended for pediatric use) that are packaged in a container with 12 or less tablets containing a total of less than 75 grains of aspirin: *Provided*, That this exemption shall expire on June 30, 1973, or on the date when packaging meeting the requirements of § 295.3 (a), (b), and (c) becomes available to the individual manufacturer, whichever occurs first, and in no event may such products be shipped in interstate commerce on or after July 1, 1973, except in compliance with the requirements of § 295.3 (a), (b), and (c).

Effective date. This order shall be effective on March 1, 1973.

(Secs. 2(4), 3, 5, 84 Stat. 1670-1672; 15 U.S.C. 1471(4), 1472, 1474)

Dated: February 23, 1973.

SHERWIN GARDNER,
Acting Commissioner of
Food and Drugs.

[FR Doc. 73-3859 Filed 2-28-73; 8:45 am]

Title 24—Housing and Urban Development

CHAPTER X—FEDERAL INSURANCE ADMINISTRATION, DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

SUBCHAPTER B—NATIONAL FLOOD INSURANCE PROGRAM

PART 1914—AREAS ELIGIBLE FOR THE SALE OF INSURANCE

Status of Participating Communities

Section 1914.4 of Part 1914 of Subchapter B of Chapter X of Title 24 of the Code of Federal Regulations is amended by adding in alphabetical sequence a new entry to the table. In this entry, a complete chronology of effective dates appears for each listed community. Each date appearing in the last column of the table is followed by a designation which indicates whether the date signifies (1) the effective date of the authorization of the sale of flood insurance in the area under the emergency or under the regular flood insurance program; (2) the effective date on which the community became ineligible for the sale of flood insurance because of its failure to submit land use and control measures as required pursuant to § 1909.24(a); or (3) the effective date of a community's formal reinstatement in the program pursuant to § 1909.24(b). The entry reads as follows:

§ 1914.4 Status of participating communities.

State	County	Location	Map No.	State map repository	Local map repository	Effective date of authorization of sale of flood insurance for area
California	San Mateo	Belmont, City of	I 06 081 0310 01 through I 06 081 0310 06	Department of Water Resources, Post Office Box 388, Sacramento, CA 95802. California Insurance Department, 107 South Broadway, Los Angeles, CA 90012, and 1407 Market St., San Francisco, CA 94103.	Office of the City Manager, 1865 Fifth Ave., Belmont, CA 94002.	Apr. 2, 1971. Emergency. Mar. 9, 1973. Regular.
Connecticut	Middlesex	Clinton, Town of				Mar. 2, 1973. Emergency. Do.
Illinois	Du Page	Glendale Heights, Village of				Do.
Do.	do.	Roselle, Village of				Do.
Massachusetts	Worcester	Auburn, Town of				Do.
Michigan	Berrien	Bridgman, City of				Do.
Do.	Wayne	Wyandette, City of				Do.
New York	Suffolk	Southampton, Village of	I 36 103 5811 01	New York State Department of Environmental Conservation, Division of Resources Management Services, Bureau of Water Management, Albany, N.Y. 12201. New York State Insurance Department, 123 William St., New York, NY 10038, and 324 State St., Albany, NY 12210.	Village Hall, Municipal Bldg., 23 Main St., Southampton, NY 11968.	Sept. 15, 1972. Emergency. Mar. 9, 1973. Regular.
Do.	Monroe	Hamlin, Town of				Mar. 2, 1973. Emergency. Do.
Do.	Cattaraugus	Portville, Village of				Do.
Do.	Chemung	Southport, Town of				Do.
Ohio	Portage	Kent, City of				Do.
Pennsylvania	Cumberland	Shiremansstown, Borough of				Do.
Do.	do.	Silver Spring, Township of				Do.
Do.	Dauphin	Middle Paxton, Township of				Do.
Do.	Lackawanna	Blakely, Borough of				Do.
Do.	do.	Dickson City, Borough of				Do.
Do.	Luzerne	Luzerne, Borough of				Do.
Do.	do.	Nescopeck, Township of				Do.
Do.	Lycoming	Plunketts Creek, Township of				Do.
Do.	Perry	Newport, Borough of				Do.
Virginia	Russell	Cleveland				June 30, 1970. Emergency. Feb. 19, 1971. Regular. Dec. 31, 1971. Suspension. Feb. 30, 1973. Reinstated.

(National Flood Insurance Act of 1968 (title XIII of the Housing and Urban Development Act of 1968), effective Jan. 28, 1969 (33 FR 17804, Nov. 28, 1968), as amended (secs. 408-410, Public Law 91-152, Dec. 24, 1969), 42 U.S.C. 4001-4127; and Secretary's delegation of authority to Federal Insurance Administrator, 34 FR 2680, Feb. 27, 1969)

Issued: February 26, 1973.

GEORGE K. BERNSTEIN,
Federal Insurance Administrator.

[FR Doc.73-3847 Filed 2-28-73;8:45 am]

PART 1915—IDENTIFICATION OF SPECIAL HAZARD AREAS

List of Communities With Special Hazard Areas

Section 1915.3 is amended by adding in alphabetical sequence a new entry to the table, which entry reads as follows:

§ 1915.3 List of communities with special hazard areas.

State	County	Location	Map No.	State map repository	Local map repository	Effective date of identification of areas which have special flood hazards
California	San Mateo	Belmont, City of	H 06 081 0310 01 through H 06 081 0310 06	Department of Water Resources, Post Office Box 388, Sacramento, CA 95802.	Office of the City Manager, 1365 Fifth Ave., Belmont, CA 94602.	Mar. 9, 1973.
New Jersey	Essex	Montclair, Town of	H 34 013 1990 01 H 34 013 1990 02	California Insurance Department, 107 South Broadway, Los Angeles, CA 90012, and 1407 Market St., San Francisco, CA 94103.	Bureau of Water Control, Department of Environmental Protection, Post Office Box 1390, Trenton, NJ 08625.	Do.
New York	Suffolk	Southampton, Village of	H 36 103 5811 01	New Jersey Department of Insurance, State House Annex, Trenton, N.J. 08625.	Office of the Town Clerk, 647 Bloomfield Ave., Montclair, NJ 07042.	Do.
New York	Suffolk	Southampton, Village of	H 36 103 5811 01	New York State Department of Environmental Conservation, Division of Resources Management Services, Bureau of Water Management, Albany, N.Y. 12201.	Village Hall, Municipal Bldg., 23 Main St., Southampton, NY 11968.	Do.
Pennsylvania	Adams	East Berlin, Borough of	H 42 001 2180 01	New York State Insurance Department, 123 William St., New York, NY 10038, and 324 State St., Albany, NY 12210.	East Berlin Borough, Borough Council Chambers, East Berlin, Pa. 17316.	Do.
Do.	Bucks	Tinicum	H 42 017 8445 01 through H 42 017 8445 03	Department of Community Affairs, Commonwealth of Pennsylvania, Harrisburg, Pa. 17120.	East Berlin Borough, Borough Council Chambers, East Berlin, Pa. 17316.	Do.
Do.	Schnyckill	Port Clinton, Borough of	H 42 107 0730 01	Pennsylvania Insurance Department, 108 Finance Bldg., Harrisburg, Pa. 17120.	do	Do.
Do.	Schnyckill	Port Clinton, Borough of	H 42 107 0730 01	do	Office of the Secretary-Treasurer, Tinicum Township, Erwinna, Pa. 18620.	Do.
Do.	Schnyckill	Port Clinton, Borough of	H 42 107 0730 01	do	Port Clinton Borough Bldg., Port Clinton, Pa. 19549.	Do.

(National Flood Insurance Act of 1968 (title XIII of the Housing and Urban Development Act of 1968), effective Jan. 28, 1969 (33 FR 17804, Nov. 28, 1968), as amended (secs. 408-410, Public Law 91-152, Dec. 24, 1969), 42 U.S.C. 4001-4127; and Secretary's delegation of authority to Federal Insurance Administrator, 34 FR 2680, Feb. 27, 1969)

Issued: February 26, 1973.

GEORGE K. BERNSTEIN,
Federal Insurance Administrator.

[FR Doc.73-3848 Filed 2-28-73; 8:45 am]

Title 26—Internal Revenue

CHAPTER I—INTERNAL REVENUE SERVICE, DEPARTMENT OF THE TREASURY

SUBCHAPTER A—INCOME TAX

[T.D. 7261]

PART 1—INCOME TAX; TAXABLE YEARS BEGINNING AFTER DECEMBER 31, 1953

Income Tax Treatment of Mineral Production Payments

By a notice of proposed rule making appearing in the FEDERAL REGISTER for July 2, 1971 (36 FR 12624), and corrected in the FEDERAL REGISTER for July 14, 1971 (36 FR 13096), amendments to the Income Tax Regulations were proposed in order to conform such regulations to the provisions of section 503 of the Tax Reform Act of 1969 (83 Stat. 630), relating to the income tax treatment of mineral production payments. After consideration of all such relevant matter as was presented by interested persons regarding the rules proposed, certain changes were made, and the proposed amendments of the regulations,

as revised, are adopted by this document.

In general, section 636 and the regulations thereunder provide that mineral production payments are to be treated as mortgage loans on the mineral property burdened thereby and not as "economic interests" in mineral in place.

Certain exceptions to this rule are provided (1) in the case of a production payment which is carved out of mineral property for the exploration or development of that property, and (2) in the case of a production payment retained in a mineral property by the lessor in a leasing transaction. In the latter case, insofar as the lessee is concerned the retained production payment is treated as a bonus granted by the lessee to the lessor payable in installments.

The proposed regulations had limited the application of the first exception to production payments carved out of a single mineral property. On the basis of comments received, this limitation has been modified and the final regulations refer parenthetically to production pay-

ments which are created from more than one mineral property.

The proposed regulations have also been amended to provide that, in general, an expenditure is for exploration or development to the extent that it is necessary for ascertaining the existence, location, extent, or quality of any deposit of mineral or is incident to and necessary for the preparation of a deposit for the production of mineral.

The proposed regulations contained an example of a "variable royalty" which is treated as a production payment under section 636 of the Code. Comments with respect to this provision expressed concern as to the scope of its application. Accordingly, another example has been added to illustrate the type of variable royalty which would not be treated as a production payment under section 636.

On July 2, 1971, notice of proposed rule making with respect to the amendments of the Income Tax Regulations (26 CFR Part 1) to conform such regulations to the amendments made by section 503 of the Tax Reform Act of 1969

(83 Stat. 630), relating to the income tax treatment of mineral production payments, was published in the FEDERAL REGISTER (36 FR 12624). On July 14, 1971, a notice of correction of such notice of proposed rule making was published in the FEDERAL REGISTER (36 FR 13096). After consideration of all such relevant matter as was presented by interested persons regarding the rules proposed, the amendment of regulations is hereby adopted, subject to the changes set forth below:

PARAGRAPH 1. Section 1.636-1, as set forth in paragraph 1 of the proposed rule making, is amended by revising paragraph (a) (1) (i) and (2) and so much of paragraph (b) (1) as precedes subdivision (ii) to read as set forth below.

PAR. 2. Paragraph (a) (2) of § 1.636-3, as set forth in paragraph 1 of the proposed rule making, is amended to read as set forth below.

(Sec. 636(e), 7805, Internal Revenue Code of 1954, 83 Stat. 630, 26 U.S.C. 636(e); 68A Stat. 917, 26 U.S.C. 7805)

[SEAL] JOHNNIE M. WALTERS,
Commissioner of Internal Revenue.

Approved: February 15, 1973.

FREDERIC W. HICKMAN,
Assistant Secretary
of the Treasury.

The regulations under section 636 of the Internal Revenue Code of 1954, as added by section 503(a) of the Tax Reform Act of 1969 (83 Stat. 630), relating to the income tax treatment of mineral production payments, set forth in paragraph 1 are hereby prescribed. Section 1.636-4 of the regulations hereby adopted supersedes those provisions of § 13.0 of this chapter relating to section 503(c) (2) of such Act, which were prescribed by T.D. 7032, approved March 9, 1970 (35 FR. 4330). In addition, the Income Tax Regulations (26 CFR Part 1) are amended as set forth in paragraphs 2 through 7 to conform them to the rules relating to the income tax treatment of mineral production payments prescribed under section 636.

MINERAL PRODUCTION PAYMENTS

- Sec. 1.636 Statutory provisions; income tax treatment of mineral production payments.
- 1.636-1 Treatment of production payments as loans.
- 1.636-2 Production payments retained in leasing transactions.
- 1.636-3 Definitions.
- 1.636-4 Effective dates of section 636.

PARAGRAPH 1. There are inserted immediately after § 1.632-1 the following new sections:

MINERAL PRODUCTION PAYMENTS

§ 1.636 Statutory provisions; income tax treatment of mineral production payments.

Sec. 636. *Income tax treatment of mineral production payments—(a) Carved-out production payment.* A production payment carved out of mineral property shall be treated, for purposes of this subtitle, as if it were a mortgage loan on the property, and shall not qualify as an economic interest in

the mineral property. In the case of a production payment carved out for exploration or development of a mineral property, the preceding sentence shall apply only if and to the extent gross income from the property (for purposes of section 613) would be realized, in the absence of the application of such sentence, by the person creating the production payment.

(b) *Retained production payment on sale of mineral property.* A production payment retained on the sale of a mineral property shall be treated, for purposes of this subtitle, as if it were a purchase money mortgage loan and shall not qualify as an economic interest in the mineral property.

(c) *Retained production payment on lease of mineral property.* A production payment retained in a mineral property by the lessor in a leasing transaction shall be treated, for purposes of this subtitle, insofar as the lessee (or his successors in interest) is concerned, as if it were a bonus granted by the lessee to the lessor payable in installments. The treatment of the production payment in the hands of the lessor shall be determined without regard to the provisions of this subsection.

(d) *Definition.* As used in this section the term "mineral property" has the meaning assigned to the term "property" in section 614(a).

(e) *Regulations.* The Secretary or his delegate shall prescribe such regulations as may be necessary to carry out the purposes of this section.

[Sec. 636 as added by sec. 503(a), Tax Reform Act 1969 (83 Stat. 630)]

§ 1.636-1 Treatment of production payments as loans.

(a) *In general.* (1) (i) For purposes of subtitle A of the Internal Revenue Code of 1954, a production payment (as defined in paragraph (a) of § 1.636-3) to which this section applies shall be treated as a loan on the mineral property (or properties) burdened thereby and not as an economic interest in mineral in place, except to the extent that § 1.636-2 or paragraph (b) of this section applies. See paragraph (b) of § 1.611-1. A production payment carved out of mineral property which remains in the hands of the person carving out the production payment immediately after the transfer of such production payment shall be treated as a mortgage loan on the mineral property burdened thereby. A production payment created and retained upon the transfer of the mineral property burdened by such production payment shall be treated as a purchase money mortgage loan on the mineral property burdened thereby. Such production payments will be referred to hereinafter in the regulations under section 636 as carved-out production payments and retained production payments, respectively. Moreover, in the case of a transaction involving a production payment treated as a loan pursuant to this section, the production payment shall constitute an item of income (not subject to depletion), consideration for a sale or exchange, a contribution to capital, or a gift if in the transaction a debt obligation used in lieu of the production payment would constitute such an item of income, consideration, contribution to capital, or gift, as the case may be. For the definition of the term "transfer" see paragraph (c) of § 1.636-3.

(ii) The payer of a production payment treated as a loan pursuant to this section shall include the proceeds from (or, if paid in kind, the value of) the mineral produced and applied to the satisfaction of the production payment in his gross income and "gross income from the property" (see section 613(a)) for the taxable year so applied. The payee shall include in his gross income (but not "gross income from the property") amounts received with respect to such production payment to the extent that such amounts would be includible in gross income if such production payment were a loan. The payer and payee shall determine their allowable deductions as if such production payment were a loan. See section 483, relating to interest on certain deferred payments in the case of a production payment created and retained upon the transfer of the mineral property burdened thereby, or in the case of a production payment transferred in exchange for property. See section 1232 in the case of a production payment which is originally transferred by a corporation at a discount and is a capital asset in the hands of the payee. In the case of a carved-out production payment treated as a mortgage loan pursuant to this section, the consideration received for such production payment by the taxpayer who created it is not included in either gross income or "gross income from the property" by such taxpayer.

(2) If a production payment is treated as a loan pursuant to this section, no transfer of such production payment or any property burdened thereby (other than a transfer between the payer and payee of the production payment which, if the production payment were a loan, would extinguish the loan) shall cause it to cease to be so treated. For example, A sells operating mineral interest X to B for \$100,000, subject to a \$500,000 retained production payment payable out of X. Subsequently, A sells the production payment to C, and B sells X to D. C and D must treat the production payment as a purchase money mortgage loan.

(3) The provisions of this paragraph may be illustrated by the following examples:

Example (1). On December 22, 1972, A, a cash-basis calendar-year taxpayer who owns operating mineral interest X, carves out of X a production payment in favor of B for \$300,000 plus interest, payable out of 50 percent of the first oil produced and sold from X. In 1972, A treats the \$300,000 received from B for the production payment as the proceeds of a mortgage loan on X. In 1973, A produces and sells 125,000 barrels of oil for \$373,500. A pays B \$186,750 with respect to the production payment, \$168,750 being principal and \$18,000 being interest. In computing his gross income and "gross income from the property" for the year 1973, A includes the \$373,500 and takes as deductions the allowable expenses paid in production of such mineral. A also takes a deduction under section 163 for the \$18,000 interest paid with respect to the production payment. For 1973, B would treat \$18,000 as ordinary income not subject to the allowance for depletion under section 611.

Example (2). Assume the same facts as in example (1) except that the principal amount

of the production payment is to be increased by the amount of the ad valorem tax on the mineral attributable to the production payment which is paid by B. Under State law, the ad valorem tax with respect to the mineral attributable to the production payment is a liability of the owner of the production payment. For 1973, B includes the amount received with respect to such taxes as income and takes a deduction under section 164 for the taxes paid by him. Since the ad valorem taxes paid by B are his liability under State law, A may not take a deduction under section 164 for such taxes.

Example (3). On December 31, 1974, C, a calendar-year taxpayer and owner of the operating mineral interest Y, sells Y to D for \$10,000 cash and retains a \$40,000 production payment payable out of Y. At the time D acquires the property, it is estimated that 500,000 tons of mineral are recoverable from the property. In 1975, D produces a total of 50,000 tons from the property. D's cost depletion for 1975 is \$5,000 determined as follows:

Basis in property:	\$50,000
Total recoverable units:	500,000
Rate of depletion per ton:	\$0.10 $\left(\frac{\$50,000}{500,000}\right)$
Cost depletion for year:	\$5,000 $(\$0.10 \times 50,000)$

(b) **Exception.** (1) A production payment carved out of a mineral property (or properties) for exploration or development of such property (or properties) shall not be treated as a mortgage loan under section 636(a) and this section to the extent "gross income from the property" (for purposes of section 613) would not be realized by the taxpayer creating such production payment, under the law existing at the time of the creation of such production payment, in the absence of section 636(a). See section 83 and the regulations thereunder, relating to property transferred in connection with the performance of services. For purposes of section 636(a) and this paragraph, an expenditure is for exploration or development to the extent that it is necessary for ascertaining the existence, location, extent, or quality of any deposit of mineral or is incident to and necessary for the preparation of a deposit for the production of mineral. However, an expenditure which relates primarily to the production of mineral (as, for example, in the case of a pilot water flood program with respect to the secondary recovery of oil) is not for exploration or development as those terms are used in section 636(a) and this paragraph. Whether or not a production payment is carved out for exploration or development shall be determined in light of all relevant facts and circumstances, including any prior production of mineral from the mineral deposit burdened by the production payment. However, a production payment shall not be treated as carved out for exploration or development to the extent that the consideration for the production payment—

(i) Is not pledged for use in the future exploration or development of the mineral property (or properties) which is burdened by the production payment;

(ii) May be used for the exploration or development of any other property, or for any other purpose than that described in subdivision (i) of this subparagraph;

(iii) Does not consist of a binding obligation of the payee of the production payment to pay expenses of the exploration or development described in subdivision (i) of this subparagraph; or

(iv) Does not consist of a binding obligation of the payee of the production payment to provide services, materials, supplies, or equipment for the exploration or development described in subdivision (i) of this subparagraph.

(2) In the case of a carved-out production payment only a portion of which is subject to the exception provided in this paragraph, the rules contained in paragraph (a) of this section with respect to the treatment of income and deductions where a production payment is treated as a loan shall apply to the portion of the taxpayer's income or expenses attributable to the production payment which bears the same ratio to the total amount of such income or expenses, as the case may be, as the amount of the consideration for the production payment which would have been realized as income in the absence of section 636(a), by the taxpayer creating such production payment, bears to the total consideration to the taxpayer for the production payment. For example, A, owner of a mineral property, carves out a production payment in favor of B for \$600,000 plus interest in return for \$600,000 cash. A pledges to use \$400,000 for the development of the burdened mineral property. In each of the payout years loan treatment applies to one-third of the income and expenses of A and B attributable to the production payment.

(c) **Treatment upon disposition or termination of mineral property burdened by production payment.** (1) (i) In the case of a sale or other disposition of the mineral property burdened by a production payment treated as a loan pursuant to this section, there shall be included in determining the amount realized upon such disposition an amount equal to the outstanding principal balance of such production payment on the date of such disposition. However, if such a production payment is created in connection with the disposition, the amount to be so included shall be the fair market value of the production payment, rather than its principal amount, if the fair market value is established by clear and convincing evidence to be an amount which differs from the principal amount. See section 1001 and the regulations thereunder. In determining the cost of the transferred mineral property to the transferee for purposes of section 1012, the outstanding principal balance of the production payment shall be included in the cost.

(ii) The provisions of this subparagraph may be illustrated by the following examples:

Example (1). A, the owner of mineral property X which is burdened by a carved-out production payment to which section 636(a) applies having an outstanding principal balance of \$10,000, sells property X to B, an individual, for \$100,000 cash. The amount realized by A on the sale of property X is \$110,000. B's basis in property X for cost depletion and other purposes is also \$110,000.

Example (2). Assume the same facts as in example (1) except that the production payment is retained by A in connection with the sale of property X to B, that section 636(b) applies to the production payment, that the production payment includes, in addition to the \$10,000 principal amount, an additional amount equivalent to interest at a rate which precludes application of section 463, and that the fair market value of the production payment is \$9,000. The amount realized by A on the sale of property X is \$109,000. B's basis in property X for cost depletion and other purposes is \$110,000. A's basis in the retained production payment is \$9,000. If the production payment is paid in full, A realizes income of \$1,000 plus the amount equivalent to interest, which income is includible in A's gross income at the time when such amounts would be so includible if such production payment were a loan.

Example (3). C, the owner of mineral property Y, sells the mineral property to D for \$500,000 cash. Property Y is burdened by a carved-out production payment with an outstanding principal balance of \$600,000, 40 percent of the consideration for which was pledged for the development of property Y. The amount realized by C on the sale is \$860,000 (\$500,000 plus \$600,000 × .60). D's basis in property Y for cost depletion and other purposes is \$860,000.

(2) In the case of the expiration, termination, or abandonment of a mineral property burdened by a production payment treated as a loan pursuant to this section, for purposes of determining the amount of any loss under section 165 with respect to the burdened mineral property the adjusted basis of such property shall be reduced (but not below zero) by an amount equal to the outstanding principal balance of such production payment on the date of such expiration, termination, or abandonment. Thus, in example (2) in subparagraph (1)(ii) of this paragraph, if B abandons the mineral property at a time when \$5,000 of the principal amount of the production payment remains unsatisfied, B's adjusted basis immediately before the abandonment would be reduced by \$5,000 for determining his loss on abandonment under section 165.

(3) In the case of a transfer of a portion of the mineral property burdened by a production payment treated as a loan pursuant to this section, such production payment shall be apportioned between the transferred portion and the retained portion by allocating to such transferred portion that part of the outstanding principal balance of the production payment which bears the same ratio to such balance as the value of such transferred portion (exclusive of any value not related to the burdened mineral) bears to the total value of the burdened mineral property (exclusive of any value not related to the burdened mineral).

(4) In general, the entire amount of gain or loss realized pursuant to this paragraph shall be recognized in the taxable year of such realization. See section 1211 for limitation on capital losses. This subparagraph shall not affect the applicability of rules providing exceptions to the recognition of gain or loss which has been realized (e.g., a transfer to which section 351 or 1031 applies). However, see section 357(c) with respect to the assumption of liabilities in excess of basis in certain tax-free exchanges. Furthermore, in the case of a transaction which otherwise qualifies, gain realized on a transfer of a mineral property to which section 636(b) applies may be returned on the installment method under section 453.

§ 1.636-2 Production payments retained in leasing transactions.

(a) *Treatment by lessee.* In the case of a production payment (as defined in paragraph (a) of § 1.636-3) which is retained by the lessor in a leasing transaction (including a sublease or the exercise of an option to acquire a lease or sublease), the lessee (or his successors in interest) shall treat the retained production payment for purposes of subtitle A of the Code as if it were a bonus granted by the lessee to the lessor payable in installments. Accordingly, the lessee shall include the proceeds from (or, if paid in kind, the value of) the mineral produced and applied to the satisfaction of the production payment in his gross income for the taxable year so applied. The lessee shall capitalize each payment (including any interest and any amounts added on to the production payment other than amounts for which the lessee would be liable in the absence of the production payment) paid or incurred with respect to such production payment. See paragraph (c) (5) (ii) of § 1.613-2 for rules relating to computation of percentage depletion with respect to a mineral property burdened by a production payment treated as a bonus under section 636(c) and this section.

(b) *Treatment by lessor.* The lessor who retains a production payment in a leasing transaction (or his successors in interest) shall treat the production payment without regard to the provisions of section 636 and § 1.636-1. Thus, the production payment will be treated as an economic interest in the mineral in place in the hands of the lessor (or his successors in interest) and the receipts in discharge of the production payment will constitute ordinary income subject to depletion.

(c) *Example.* The provisions of this section may be illustrated by the following example:

Example. In 1971, A leases a mineral property to B reserving a one-eighth royalty and a production payment (as defined in § 1.636-3 (a)) with a principal amount of \$300,000 plus an amount equivalent to interest. In 1972, B pays to A \$60,000 with respect to the principal amount of the production payment plus \$16,350 equivalent to interest. The adjusted basis of the property in the hands of B for cost depletion and other purposes for

1972 and subsequent years will include (subject to proper adjustment under section 1016) the \$76,350 paid to A. In 1973, B pays to A \$60,000 with respect to the principal amount of the production payment plus \$12,750 equivalent to interest. The adjusted basis of the property in the hands of B for cost depletion and other purposes for 1973 and subsequent years will include (subject to proper adjustment under section 1016) the \$72,750 paid to A. The \$76,350 received by A in 1972, and the \$72,750 received by A in 1973, will constitute ordinary income subject to depletion in the hands of A in the years of receipt of such amounts by A.

§ 1.636-3 Definitions.

For purposes of section 636 and the regulations thereunder—

(a) *Production payment.* (1) The term "production payment" means, in general, a right to a specified share of the production from mineral in place (if, as, and when produced), or the proceeds from such production. Such right must be an economic interest in such mineral in place. It may burden more than one mineral property, and the burdened mineral property need not be an operating mineral interest. Such right must have an expected economic life (at the time of its creation) of shorter duration than the economic life of one or more of the mineral properties burdened thereby. A right to mineral in place which can be required to be satisfied by other than the production of mineral from the burdened mineral property is not an economic interest in mineral in place. A production payment may be limited by a dollar amount, a quantum of mineral, or a period of time. A right to mineral in place has an economic life of shorter duration than the economic life of a mineral property burdened thereby only if such right may not reasonably be expected to extend in substantial amounts over the entire productive life of such mineral property. The term "production payment" includes payments which are commonly referred to as "in-oil payments", "gas payments", or "mineral payments".

(2) A right which is in substance economically equivalent to a production payment shall be treated as a production payment for purposes of section 636 and the regulations thereunder, regardless of the language used to describe such right, the method of creation of such right, or the form in which such right is cast (even though such form is that of an operating mineral interest). Whether or not a right is in substance economically equivalent to a production payment shall be determined from all the facts and circumstances. An example of an interest which is to be treated as a production payment under this subparagraph is that portion of a "royalty" which is attributable to so much of the rate of the royalty which exceeds the lowest possible rate of the royalty at any subsequent time (disregarding any reductions in the rate of the royalty which are based solely upon changes in volume of production within a specified period of no more than 1 year). For example, assume that A creates a royalty with respect to a mineral property owned by A equal to 5

percent for 5 years and thereafter equal to 4 percent for the balance of the life of the property. An amount equal to 1 percent for 5 years shall be treated as a production payment. On the other hand, if A leases a coal mine to B in return for a royalty of 30 cents per ton on the first 500,000 tons of coal produced from the mine in each year and 20 cents per ton on all coal in excess of 500,000 tons produced from the mine in each year, the fact that the royalty may decline to 20 cents per ton on some of the coal in each year does not result in a production payment of 10 cents per ton of coal on the first 500,000 tons in any year. Another example of an interest which is to be treated as a production payment under this subparagraph is the interest in a partnership engaged in operating oil properties of a partner who provides capital for the partnership if such interest is subject to a right of another person or persons to acquire or terminate it upon terms which merely provide for such partner's recovery of his capital investment and a reasonable return thereon.

(b) *Property.* The term "property" has the meaning assigned to it in section 614(a), without the application of section 614(b), (c), or (e).

(c) *Transfer.* The term "transfer" means any sale, exchange, gift, bequest, devise, or other disposition (including a distribution by an estate or a contribution to or distribution by a corporation, partnership, or trust).

§ 1.636-4 Effective dates of section 636.

(a) *In general.* Except as provided hereinafter in this section, section 636 and §§ 1.636-1, 1.636-2, and 1.636-3 apply to production payments created on or after August 7, 1969, other than production payments created before January 1, 1971, pursuant to a binding contract entered into before August 7, 1969.

(b) *Election.* Under section 503(c) (2) of the Tax Reform Act of 1969, if the taxpayer so elects, section 636(a) of the Code and §§ 1.636-1 and 1.636-3 apply to all production payments carved out by him after the beginning of his last taxable year ending before August 7, 1969, including such production payments created after such date pursuant to a binding contract entered into before such date. No interest shall be allowed on any refund or credit of any overpayment of tax resulting from an election under section 503(c) (2) for any taxable year ending before August 7, 1969. The provisions of this paragraph may be illustrated by the following example:

Example. A, a fiscal-year taxpayer whose taxable year ends on October 31, carved out and sold (from a producing property) production payments on October 1, 1967, and on July 9, 1969. On August 1, 1969, A entered into a binding contract to create another carved-out production payment (from a different producing property) and the production payment was carved out on December 22, 1969. If A elects under section 503(c) (2), the production payments carved out on July 9, 1969, and December 22, 1969, are treated as mortgage loans under section 636(a). The production payment carved out on October 1, 1967, is not treated as a mortgage

loan under section 636(a) because it was carved out before the beginning of A's last taxable year ending before August 7, 1969.

(c) *Time and manner of making election.* (1) Any election under section 503(c)(2) of the Tax Reform Act of 1969 must be made not later than the 90th day after the date on which permanent regulations under section 636(a) are published in the FEDERAL REGISTER.

(2) An election under section 503(c)(2) shall be made by a statement attached to the taxpayer's income tax return (or amended return) for the first taxable year in which the taxpayer created a production payment (1) to which the election applies, and (ii) which, in the absence of section 636, would not have been treated as a loan. A statement shall also be attached to an amended return for each subsequent taxable year for which he has filed his income tax return before making the election, but only if his tax liability for such year is affected by the election. Each such statement shall indicate the taxpayer's election under section 503(c)(2), and shall identify by date, amount, parties, and burdened mineral properties all production payments described in subdivisions (i) and (ii) of this subparagraph which have been created by the date on which the statement is filed. However, a taxpayer who, prior to the date on which permanent regulations under this section are published in the FEDERAL REGISTER, made a valid election under section 503(c)(2) pursuant to Part 13 of this chapter (Temporary Income Tax Regulations Under the Tax Reform Act of 1969) is not required to amend statements previously furnished which meet the requirements of paragraph (b)(1)(ii) of § 13.0 of Part 13 unless requested to do so by the district director. In applying the election to the taxable years affected, there shall be taken into account the effect that any adjustments resulting therefrom have on other items affected thereby and the effect that adjustments of any such items have on other taxable years. In the case of a member of a consolidated return group (as defined in paragraph (a) of § 1.1502-1), section 503(c)(2) and paragraphs (b), (c), and (d) of this section shall be applied as if such member filed a separate return.

(d) *Revocation of election.* A valid election under section 503(c)(2) shall be binding upon the taxpayer unless consent to revoke the election is obtained from the Commissioner. The application to revoke such election must be made in writing to the Commissioner of Internal Revenue, Washington, D.C. 20224, not later than the 90th day after the date on which permanent regulations under section 636(a) are published in the FEDERAL REGISTER. Such application must set forth the reasons therefor and a recomputation of the tax reflecting such revocation for each prior taxable year affected by the revocation, whether or not the period of limitations for credit or refund or assessment and collection has expired with respect to such

taxable year. Consent shall not be given in any case in which the revocation would result in an increase in the taxpayer's tax liability for a taxable year for which such period of limitations has expired unless the taxpayer waives his right to assert the statute of limitations.

(e) *Special rule.* (1) Except as provided in subparagraph (2) of this paragraph, in the case of a taxpayer who does not make the election provided in section 503(c)(2) of the Tax Reform Act of 1969, section 636 of the Code applies to production payments carved out during the taxable year which includes August 7, 1969, as provided in paragraph (a) of this section, only to the extent that the aggregate amount of such production payments exceeds the lesser of—

(i) The excess of—
(a) The aggregate amount of production payments carved out and sold by the taxpayer during the 12-month period immediately preceding his taxable year which includes August 7, 1969, over

(b) The aggregate amount of production payments carved out and sold before August 7, 1969, by the taxpayer during his taxable year which includes such date, or

(ii) The amount necessary to increase the amount of the taxpayer's gross income within the meaning of chapter 1 of subtitle A of the Code, for his taxable year which includes August 7, 1969, to an amount equal to the amount of his deductions (other than any deduction under section 172) allowable for such year under such chapter.

In applying the preceding sentence, production payments carved out for exploration or development are to be taken into account only to the extent, if any, that "gross income from the property" (for purposes of section 613) would have been realized by the taxpayer creating such production payment under the law existing at the time of the creation of such production payment, in the absence of section 636(a).

(2) Subparagraph (1) of this paragraph shall not apply for any taxable year for purposes of determining the amount of any deduction for cost or percentage depletion allowable under section 611 or the limitation on any foreign tax credit under section 904.

(3) The application of this paragraph may be illustrated by the following examples:

Example (1). (a) A, a calendar-year taxpayer who does not make the election provided in section 503(c)(2) of the Tax Reform Act of 1969, carves out and sells on December 31, 1968, a \$500,000 production payment. Further, A carves out and sells on March 4, 1969, a \$300,000 production payment, and on November 14, 1969, a \$150,000 production payment. None of the production payments are carved out for exploration or development. During 1969, A has gross income of \$600,000 (determined initially for this purpose by treating the \$150,000 production payment carved out on November 14, 1969, as a loan) and allowable deductions of \$700,000.

(b) The provisions of section 636 do not apply to a portion of the November 14, 1969, production payment for purposes other than

section 611 and section 904 of the Code, determined as follows:

(1) Amount of production payment carved out in 1969 on or after August 7, 1969.....	\$150,000
(2) Amount of production payment carved out during 1968	500,000
(3) Amount of production payment carved out during 1969 taxable year before August 7, 1969.....	800,000
(4) Item (2) minus item (3).....	200,000
(5) Excess of allowable deductions over gross income for 1969.....	100,000
(6) Amount of production payment carved out in 1969 on or after August 7, 1969, to which section 636 does not apply (lesser of items (1), (4), and (5)).....	100,000

Thus, A will not treat \$100,000 of the consideration received for the production payment carved out on November 14, 1969, as a loan and as a result his gross income for 1969 will be \$700,000. However, in computing percentage depletion, A will not include the \$100,000 in "gross income from property" and in computing cost depletion A will not include the mineral units attributable thereto. Nor, will A include the \$100,000 in determining the limitation on foreign tax credit under section 904.

Example (2). Assume the same facts as in example (1) except that for taxable year 1969 A's gross income (determined initially for this purpose by treating the November 14, 1969, production payment as a loan) exceeds the amount of his allowable deductions under chapter 1 of subtitle A of the Code. The entire amount of the November 14, 1969, production payment is treated as a mortgage loan under section 636(a).

PAR. 2. Paragraph (b) of § 1.512(b)-1 is amended to read as follows:

§ 1.512(b)-1 Exceptions, additions, and limitations.

(b) *Royalties.* Royalties, including overriding royalties, and all deductions directly connected with such income shall be excluded in computing unrelated business taxable income. Mineral royalties shall be excluded whether measured by production or by gross or taxable income from the mineral property. However, where an organization owns a working interest in a mineral property, and is not relieved of its share of the development costs by the terms of any agreement with an operator, income received from such an interest shall not be excluded. To the extent not treated as a loan under section 636, payments in discharge of mineral production payments shall be treated in the same manner as royalty payments for the purpose of computing unrelated business taxable income. To the extent treated as a loan under section 636, the amount of any payment in discharge of a production payment which is the equivalent of interest shall be treated as interest for purposes of section 512(b)(1) and paragraph (a) of this section.

PAR. 3. Section 1.543-1 is amended by revising paragraph (b)(11)(ii) to read as follows:

§ 1.543-1 Personal holding company income.

(b) Definitions.

(1) Mineral, oil, or gas royalties.

(ii) The term "mineral, oil, or gas royalties" means all royalties, including overriding royalties and, to the extent not treated as loans under section 636, mineral production payments, received from any interest in mineral, oil, or gas properties. The term "mineral" includes those minerals which are included within the meaning of the term "minerals" in the regulations under section 611.

PAR. 4. Section 1.543-12 (as proposed and published in the FEDERAL REGISTER for September 5, 1968, 33 F.R. 12564) is amended by revising paragraph (e) (2), to read as follows:

§ 1.543-12 Definitions.

(e) Adjusted income from mineral, oil, and gas royalties.

(2) Definition of mineral, oil, and gas royalties. For purposes of determining personal holding company income, the term "mineral, oil, and gas royalties" means all royalties, including overriding royalties and, to the extent not treated as loans under section 636, mineral production payments, received from any interest in mineral, oil, or gas properties. The term "mineral" includes those minerals which are included within the meaning of the term "minerals" in the regulations under section 611. The term "overriding royalties" includes amounts received from the sublessee by the operating company which leased and developed the natural resource property in respect of which such overriding royalties are paid.

PAR. 5. Paragraph (b) (1) of § 1.611-1 is amended to read as follows:

§ 1.611-1 Allowance of deduction for depletion.

(b) Economic interest. (1) Annual depletion deductions are allowed only to the owner of an economic interest in mineral deposits or standing timber. An economic interest is possessed in every case in which the taxpayer has acquired by investment any interest in mineral in place or standing timber and secures, by any form of legal relationship, income derived from the extraction of the mineral or severance of the timber, to which he must look for a return of his capital. For an exception in the case of certain mineral production payments, see section 636 and the regulations thereunder. A person who has no capital investment in the mineral deposit or standing timber does not possess an economic interest merely because through a contractual relation he possesses a mere economic or pecuniary advantage derived from production. For example, an agreement between the owner of an economic interest and another entitling the latter to purchase or process the product upon pro-

duction or entitling the latter to compensation for extraction or cutting does not convey a depletable economic interest. Further, depletion deductions with respect to an economic interest of a corporation are allowed to the corporation and not to its shareholders.

PAR. 6. Paragraph (c) (5) (ii) of § 1.613-2 is amended to read as follows:

§ 1.613-2 Percentage depletion rates.

(c) Rules for application of paragraph (a) of this section.

(5)

(ii) If bonus payments have been paid in respect of the property in any taxable year or any prior taxable years, there shall be excluded in determining the "gross income from the property", an amount equal to that part of such payments which is allocable to the product sold (or otherwise giving rise to gross income) for the taxable year. For purposes of the preceding sentence, bonus payments include payments by the lessee with respect to a production payment which is treated as a bonus under section 636(c). Such a production payment is equally allocable to all mineral from the mineral property burdened thereby. The following examples illustrate the provisions of this subdivision:

Example (1). In 1956, A leases oil bearing lands to B, receiving \$200,000 as a bonus and reserving a royalty of one-eighth of the proceeds of all oil produced and sold. It is estimated at the time the lease is entered into that there are 1,000,000 barrels of oil recoverable. In 1956, B produces and sells 100,000 barrels for \$240,000. In computing his "gross income from the property" for the year 1956, B will exclude \$30,000 (1/8 of \$240,000), the royalty paid to A, and \$20,000 (100,000 bbls. sold/1,000,000 bbls. estimated to be available x \$200,000 bonus), the portion of the bonus allocable to the oil produced and sold during the year. However, in computing B's taxable income under section 63, the \$20,000 attributable to the bonus payment shall not be either excluded or deducted from B's gross income computed under section 61. (See paragraph (4) (3) of § 1.612-3.)

Example (2). In 1971, C leases to D oil bearing lands estimated to contain 1,000,000 barrels of oil, reserving a royalty of one-eighth of the proceeds of all oil produced and sold and a \$500,000 production payment payable out of 50 percent of the first oil produced and sold attributable to the seven-eighths operating interest. In 1972, D produces and sells 100,000 barrels of oil. In computing his "gross income from the property" for the year 1972, D will exclude, in addition to the royalty paid to C, \$50,000 (100,000 bbls. sold/1,000,000 bbls. estimated to be available x \$500,000 treated under section 636(c) as a bonus), the portion of the production payment allocable to the oil produced and sold during the taxable year. However, in computing D's taxable income under section 63, the \$50,000 attributable to the retained production payment shall not be either excluded or deducted from D's gross income computed under section 61.

PAR. 7. Paragraph (a) (2) of § 1.614-1 is amended to read as follows:

§ 1.614-1 Definition of property.

(a) General rule.

(2) The term "interest" means an economic interest in a mineral deposit. See paragraph (b) of § 1.611-1. The term includes working or operating interests, royalties, overriding royalties, net profits interests, and, to the extent not treated as loans under section 636, production payments.

[FR Doc. 73-3765 Filed 2-26-73; 9:49 am]

Title 29—Labor

CHAPTER XVII—OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION, DEPARTMENT OF LABOR

[S-73-3]

PART 1916—SAFETY AND HEALTH REGULATIONS FOR SHIPBUILDING

PART 1917—SAFETY AND HEALTH REGULATIONS FOR SHIPBREAKING

PART 1918—SAFETY AND HEALTH REGULATIONS FOR LONGSHORING

Deletion of Regulations Establishing Penalties and Requiring Notification of Accidents

Pursuant to authority in sections 6(b) and 8(g), of the Williams-Steiger Occupational Safety and Health Act of 1970 (OSHA) (29 U.S.C. 655, 657), section 41 of the Longshoremen's and Harbor Workers' Compensation Act (44 Stat. 1444, as amended; 33 U.S.C. 941), Secretary of Labor's Order No. 12-71 (36 FR 8754), and the regulations in 29 CFR 1911.5 (37 FR 8664), Parts 1916, 1917, and 1918 of Title 29 of the Code of Federal Regulations are hereby amended by the deletion of §§ 1916.3, 1916.6, 1917.3, 1917.6, 1918.4, and 1918.7 as set forth below.

The rules in Parts 1916, 1917, and 1918 were published under the Longshoremen's and Harbor Workers' Compensation Act, and have been incorporated by references under the Occupational Safety and Health Act (29 U.S.C. 651 et seq.). The respective incorporations are published in §§ 1910.14, 1910.15, and 1910.16 of the aforementioned title.

Sections 1916.3, 1917.3, and 1918.4 do not contain standards. They describe statutory penalties for violations of section 41 of the Longshoremen's and Harbor Workers' Compensation Act (33 U.S.C. 941). However, to avoid possible confusion to persons following the references under the Occupational Safety and Health Act, §§ 1916.3, 1917.3, and 1918.4 are hereby deleted. The deletions, of course, do not derogate from the statutory penalty.

Sections 1916.6, 1917.6, and 1918.7, each require an employer to follow special reporting procedures when an accident results in a fatality or serious injury. The same information must be reported under § 1904.8 of the aforementioned title, a rule issued under the Occupational Safety and Health Act which applies concurrently with §§ 1916.6,

1917.6, and 1918.7. Under these circumstances, §§ 1916.6, 1917.6, and 1918.7 are deleted as being unnecessary.

Notice and public procedure under 5 U.S.C. 553 concerning the deletions of §§ 1916.6, 1917.6, and 1918.7 are found unnecessary because of the minor rule-making involved. The deletions of §§ 1916.3, 1917.3, and 1918.4 are essentially editorial changes.

Accordingly, the amendments to Parts 1916, 1917, and 1918 are as follows:

1. Section 1916.3 *Penalty* is deleted.
2. Section 1916.6 *Notification of accidents resulting in fatalities or serious injuries* is deleted.
3. Section 1917.3 *Penalty* is deleted.
4. Section 1917.6 *Notification of accidents resulting in fatalities or serious injuries* is deleted.
5. Section 1918.4 *Penalty* is deleted.
6. Section 1918.7 *Notification of accidents resulting in fatalities or serious injuries* is deleted.

(Sec. 6(b), 8(g), 84 Stat. 1593, 1598, 29 U.S.C. 655, 657; sec. 41, 44 Stat. 1444, 33 U.S.C. 941; Secretary of Labor's Order No. 12-71, 36 FR 854)

Effective date. This amendment shall become effective March 1, 1973.

Signed at Washington, D.C., this 26th day of February 1973.

CHAIN ROBBINS,
Acting Assistant Secretary of Labor.

[FR Doc. 73-3930 Filed 2-28-73; 8:45 am]

Title 33—Navigation and Navigable Waters

CHAPTER II—CORPS OF ENGINEERS, DEPARTMENT OF THE ARMY

PART 207—NAVIGATION REGULATIONS

Oklawaha River, Fla.

Pursuant to the provisions of section 7 of the River and Harbor Act of August 8, 1917 (40 Stat. 266; 33 U.S.C. 1) § 207.169 governing the operation of a lock on the Oklawaha River at Moss Bluff, Fla., is hereby amended with respect to paragraph (a) to change the hours of operation, effective March 1, 1973, as follows:

§ 207.169 Oklawaha River, navigation lock and dam at Moss Bluff, Fla.; use, administration, and navigation.

(a) The owner of or agency controlling the lock shall not be required to operate the navigation lock except from 7 a.m. to 7 p.m. during the period of February 15 through October 15 each year, and from 8 a.m. to 6 p.m. during the remaining months of the year. During the above hours and periods the lock shall be opened upon demand for the passage of vessels. The hours of operation are based on local time.

(Regs., Feb. 12, 1973, 1522-01 (Oklawaha River, Moss Bluff, Marion County, Fla.)—DAEN-CWO-N) (Sec. 7, 40 Stat. 266; 33 U.S.C. 1)

For the Adjutant General.

E. W. GANNON,
Lieutenant Colonel, U.S. Army,
Chief, Plans Office, TAGO.

[FR Doc. 73-3875 Filed 2-28-73; 8:45 am]

Title 38—Pensions, Bonuses, and Veterans' Relief

CHAPTER I—VETERANS ADMINISTRATION

PART 1—GENERAL PROVISIONS

PART 14—LEGAL SERVICES, GENERAL COUNSEL

Litigation and Claims for Property Loss, Damage and Personal Injury

On page 1058 of the FEDERAL REGISTER of January 8, 1973, there was published a notice of regulatory development to amend § 1.511, §§ 14.514 through 14.618, and §§ 14.664 through 14.669 to provide a complete revision and updating of those regulations relating to litigation involving the Veterans Administration or its personnel and the disposition of administrative claims for personal injury, property loss, and damage. Interested persons were given 30 days in which to submit comments, suggestions, or objections regarding the proposed regulation.

No written objections have been received and the proposed regulations are hereby adopted without change and are set forth below.

Effective date. These VA regulations are effective February 23, 1973.

Approved: February 23, 1973.

By direction of the Administrator.

[SEAL] FRED B. RHODES,
Deputy Administrator.

1. In Part 1, § 1.511(a) is amended to read as follows:

§ 1.511 Judicial proceedings generally.

(a) (1) Where a suit has been threatened or instituted against the Government, or a prosecution against a claimant has been instituted or is being contemplated, the request of the claimant or his duly authorized representative for information, documents, reports, etc., shall be acted upon by the General Counsel in central office, or the Chief Attorney in the field station, who shall determine the action to be taken with respect thereto. Where the files have been sent to the Department of Justice in connection with any such suit, the request will be referred to the Department of Justice, Washington, D.C., through the office of the General Counsel, for attention. In all other cases where copies of documents or records are desired by or on behalf of parties to a suit, whether in a court of the United States or any other, such copies shall be furnished as provided in paragraph (d) of this section; otherwise to the court only, and on an order of the court or subpoena duces tecum addressed to the Administrator of Veterans' Affairs or the head of the field station in which the records desired are located requesting the same. The determination as to the action to be taken upon any order received in this class of cases shall be made by the service having jurisdiction over the subject matter in central office or the division having jurisdiction over the subject matter in the field station, except in those cases in which the records desired are to be used adversely to the claimant, in which latter event the order of the court or the sub-

poena will be referred to the General Counsel in Central Office or to the Chief Attorney in the field station for disposition.

(2) Where a claim under the provisions of the Federal Tort Claims Act has been filed or where such a claim can reasonably be anticipated, no information, documents, reports, etc., will be released except through the Chief Attorney of jurisdiction, who will be limited to release of information which would be available under discovery proceedings, were the matter in litigation. Any other information may be released only after concurrence by the General Counsel.

2. In Part 14, §§ 14.514 through 14.617 are revoked and §§ 14.514 through 14.618 are added to read as follows:

LITIGATION (OTHER THAN UNDER THE FEDERAL TORT CLAIMS ACT)

§ 14.514 Suits by or against United States or Veterans' Administration officials.

(a) *Suits against United States or Veterans' Administration officials.* When a suit is filed against the United States or the Administrator involving any activities of the Veterans' Administration, or a suit is filed against any employee of the Veterans' Administration in which is involved any official action of the employee, not covered by the provisions of §§ 14.600 through 14.617, a copy of the petition will be forwarded to the General Counsel who will take necessary action to obtain the pertinent facts, cooperate with or receive the cooperation of the Department of Justice and, where indicated, advise the Chief Attorney of any further action required.

(b) *Counsel and representation of employees.* The Department of Justice may afford counsel and representation to Government employees who are sued individually as a result of the performance of their official duties. A civil action commenced in a State court against an employee, as the result of an action under color of his office, may be removed to the applicable Federal district court. If a suit is filed against an employee as the result of the performance of his official duties, where the provisions of either 28 U.S.C. 2679 or 38 U.S.C. 4116 are not applicable (see § 14.610), and the employee desires to be represented by the U.S. attorney, the Chief Attorney will obtain a written request to this effect from the employee and furnish it together with a copy of the petition and two copies of a summary of pertinent facts to the General Counsel, who will transmit copies thereof to the Department of Justice for appropriate action.

(c) *Suits by the United States.* In any instance wherein direct submission to a U.S. attorney for institution of civil action has been authorized by the Department of Justice, the Chief Attorney will furnish the U.S. attorney a complete report of the facts and applicable law, documentary evidence, names and addresses of witnesses, and, in cases

wherein Veterans' Administration action has been taken, a copy of any pertinent decision rendered. The Chief Attorney will forward two copies of such report and of any proposed pleading prepared by him to the General Counsel, and will render any practicable assistance requested by the U.S. attorney.

§ 14.515 Suits involving loan guaranty matters.

(a) In actions for debt, possession or actions similar in substance (including title actions) in which § 36.4282 or § 36.4319 of this chapter has been complied with, the Chief Attorney is authorized to enter the appearance of and represent the Administrator of Veterans' Affairs as his attorney and to file claims for debt in probate proceedings without prior reference to the General Counsel. Any such action will normally be taken within the time prescribed by law as though there had been valid service of process. In all other types of cases, the Chief Attorney will not enter an appearance or file any pleading on behalf of the Administrator except in imperative emergency until authorization is received from the General Counsel after submission of all relevant facts. In doubtful cases, the Chief Attorney will request instructions from the General Counsel, submitting copy of so much of the pleadings or other papers, together with a sufficient recital of the facts as will make clear the background, the issues, and the relief sought. The submission also will include names and addresses of adverse parties and attorneys so that immediate action may be taken if injunctive relief seems proper. Where necessary in any case to preserve rights which might be lost by default if there had been proper service of process, appropriate action will be taken by a special appearance, or, in jurisdictions where a special appearance does not serve the purpose or under State statute or decisions will constitute a general appearance for a later date, by an appearance through amicus curiae, to obtain an extension of time, preferably 30 days or more, in which to appear and plead without prejudice. If not feasible to obtain an extension, the Chief Attorney will explain to adverse counsel by letter, and personally, if desirable, the necessity of deferring all action and will see that the proper judge receives a signed copy of the letter before default day. The letter will point out that there is no valid service of process on the Administrator of Veterans' Affairs but will not base the delay on that alone.

(b) The General Counsel and each Chief Attorney representing the General Counsel is the attorney of the Administrator of Veterans' Affairs for all purposes of 38 U.S.C. 1820 and as such is authorized to represent the Administrator in any court action, or other legal matter arising under said statutory provisions. Said authorization is subject to any applicable statutes and executive orders concerning claims of the United States. A Chief Attorney may enter ap-

pearance in such cases, subject to the provisions of §§ 36.4282 and 36.4319 of this chapter and paragraph (a) of this section. Each Chief Attorney is authorized to contract for the employment of attorneys on a fee basis for conducting any action arising under guaranty or insurance of loans or direct loans by the Veterans' Administration; or for examination and other proper services with respect to title to and liens on real and personal property, material incident to such activities of the Veterans' Administration, when such employment is deemed by him to be appropriate. The authority delegated to the Chief Attorney may, with the approval of the General Counsel, be redelegated.

(c) The General Counsel and each Chief Attorney in carrying out his duties as authorized in paragraph (a) or (b) of this section is authorized (1) to contract for and execute for and on behalf of the Administrator, any bond (and appropriate contract or application therefor) which is required in or preliminary to or in connection with any judicial proceeding in which the Chief Attorney is attorney for the Administrator, and to incur obligations for premiums for such bonds and (2) to do all other acts and incur all costs and expenses which in his professional opinion are necessary or appropriate to further or protect the interests of the Administrator in or in connection with prosecuting or defending any cause in any court or tribunal within the United States, which cause arises out of or incident to the guaranty or insurance of loans, or the making of direct loans by the Veterans' Administration, pursuant to 38 U.S.C. Chapter 37.

(d) Except in an emergency, no Chief Attorney will initiate action for appellate review without prior approval by the General Counsel. These limitations do not preclude the filing of a motion for a new trial, appeal to intermediate court with hearing de novo, the giving of notice of appeal, reserving of bills of exception, or any other preliminary action in the trial court which may be necessary or appropriate to protect or facilitate the exercise of the right of appellate review, nor do they preclude the taking of appropriate steps on behalf of the Administrator as appellee (respondent) without prior reference to the General Counsel. Upon the conclusion of the trial of a case, the Chief Attorney will report the result thereof to the General Counsel with recommendation as to seeking appellate review if the result reported is adverse to the position of the Veterans' Administration in the litigation. The reporting Chief Attorney who recommends appellate review will include as a part of his communication, or in exhibits attached, (1) a summary of the evidence; (2) a summary of the law points to be reviewed; (3) citations of statutes and cases; (4) statements of special reasons for recommending appellate review; (5) time limitations for the action recommended; (6) requirements, if any, respecting printing of the record and briefs; (7) the estimated total expenses

to be incurred by reason of the appeal, reporting separately the estimated costs for printing the brief and record so that authority for printing may be granted in accordance with prescribed procedure, MP-1, Part II, Chapter 9¹; and (8) the recommendation by the Loan Guaranty Officer, or that he does not desire to make a recommendation.

§ 14.516 Escheat or post fund cases.

In any case in which the Veterans' Administration is entitled to possession of assets or property under the escheat provisions of 38 U.S.C. 3202(e), the gifts provisions of 38 U.S.C. Chapter 83 or the General Post Fund provisions of 38 U.S.C. Chapter 85, the Chief Attorney will endeavor to obtain possession of such assets or property in any manner appropriate under local procedure and practice, other than litigation. This procedure would include the making of exploratory inquiry of the person having custody or possession of the assets or property for the purpose of determining whether he would be willing to turn over the property to the Veterans' Administration without litigation. If unsuccessful in this effort, a complete report will be submitted by the Chief Attorney to the General Counsel so that appropriate action may be taken to obtain the assistance of the Department of Justice in the matter.

§ 14.517 Cases affecting the Veterans' Administration generally.

Chief Attorneys will establish and maintain such close liaison with the State and Federal courts as to insure that notice will be afforded the Veterans' Administration on all cases affecting the Veterans' Administration. Such information will be forwarded to the General Counsel promptly in every case.

§ 14.518 Habeas corpus writs.

Any director, manager, or other employee at a field station of the Veterans' Administration who is served with writ of habeas corpus concerning any beneficiary of the Veterans' Administration in his custody or with any other legal process involving his official actions, in addition to taking such steps as, in his judgment, are necessary to protect himself, will immediately notify the Chief Attorney of the region in which he is situated.

PROSECUTION

§ 14.560 Procedure where violation of penal statutes is involved.

(a) The submission to the appropriate U.S. attorney of a violation or suspected violation of the penal provisions of the statutes of the United States will be made by the Chief Attorney, regional office, or center, within whose jurisdiction the alleged offense appears to have been committed. Where the file or record which contains evidence of a penal offense is located in or forwarded to Central Office,

¹ Available in any Veterans' Administration station.

the matter will be referred to the General Counsel for development and reference to the proper Chief Attorney or direct to the Department of Justice. Where the file or record is maintained in any other field station, it will be referred to the Chief Attorney of the regional office in whose area the station is located for development and determination as to whether prosecution is indicated and reference to the proper U.S. attorney if in order.

(b) In all instances where, in developing a necessary administrative investigation, there is evidence of a violation of the penal provisions of the Federal statutes, the case will be submitted to the appropriate U.S. attorney. In central office, investigation and security service reports showing any criminal acts will be reported by the General Counsel to the Department of Justice. If such offense seems probable, but an administrative investigation is not necessary, the matter will be reported, without investigation, to the U.S. attorney or the Department of Justice, as the case may be. The Department of Justice is charged with the duty and responsibility of interpreting and enforcing criminal statutes, and the final determination as to whether the evidence is sufficient to warrant prosecution in any case is a matter for that department. The function of any administrative official is to marshal all evidence within his possession and, when the evidence is sufficient to make a prima facie case of a violation of the statute, to transmit the same to the U.S. attorney for such action as the Department of Justice, acting through the U.S. attorney, may deem necessary. If the U.S. attorney decides to prosecute, the Chief Attorney will cooperate with him as may be requested. Cases deemed essential to protect Veterans' Administration interests or policy will be reported to the General Counsel if prosecution is delayed or declined.

(c) A report will be made to the Federal Bureau of Investigation concerning criminal matters arising under prior laws authorizing readjustment benefits and war orphans' educational assistance (see sec. 3, Public Law 85-857; 72 Stat. 1262) and current grants of readjustment and educational assistance as authorized in title 38, United States Code. In cases arising under the foregoing acts any evidence or information coming to the attention of a Chief Attorney requiring determination as to whether there may be a violation of a Federal criminal statute will be brought promptly to the attention of the local office or agent of the Federal Bureau of Investigation without attempting to develop any criminal aspects, as will such facts or evidence subsequently discovered in administrative investigation or other action. Copy of the final investigation report in administrative investigation shall be forwarded to the U.S. attorney, if, in the opinion of the Chief Attorney, prosecutive action is necessary for administrative purposes. The Chief Attorney will bring to the attention of the General Counsel any case wherein he is of the opinion that criminal

action should be initiated, notwithstanding adverse report or lack of report, by the Federal Bureau of Investigation.

§ 14.561 Administrative action prior to submission.

Before a submission is made to the U.S. attorney in cases involving personnel or claims, the General Counsel, if the file is in Central Office, or the Chief Attorney, regional office or center, if the file is in the regional office or other field station, will first ascertain that necessary administrative or adjudicatory (forfeiture (see Public Law 86-222; 73 Stat. 452), etc.), action has been taken; except that in urgent cases such as breaches of the peace, disorderly conduct, trespass, robbery, or where the evidence may be lost by delay, or prosecution barred by the statute of limitations, submission to the U.S. attorney will be made immediately.

§ 14.563 Collections or adjustments.

When it is determined that a submission is to be made to the U.S. attorney, no demand for payment or adjustment will be made without his advice. However, if, before or after submission, the potential defendant or other person tenders payment of the liability to the United States, payment will be accepted if the U.S. attorney states he has no objection. If the U.S. attorney determines that prosecution is not indicated, or when prosecution has ended, the file will be returned to the appropriate office with a report as to the action taken.

§ 14.583 Crimes or offenses on reservations.

Upon receipt by the Chief Attorney of a report from the Director of any Veterans' Administration hospital or domiciliary located in his regional office area, other than the District of Columbia, indicating a violation of any penal statutes occurring on such Veterans' Administration hospital or domiciliary reservation, he will extend full cooperation and advice to the Director. In so doing, the Chief Attorney will be guided by the provisions of 18 U.S.C. 13 and 3041, and 38 U.S.C. 625. Serious crimes (felonies or misdemeanors) committed on a hospital or domiciliary reservation will be reported direct to the U.S. attorney or local agent of the Federal Bureau of Investigation. The Chief Attorney will give every assistance to the Director in such cases.

FEDERAL TORT CLAIMS

§ 14.600 Federal Tort Claims Act.

(a) The Federal Tort Claims Act (28 U.S.C. 1291, 1346, 1402, 1504, 2110, 2401, 2402, 2411, 2412, and 2671 through 2680) prescribes a uniform procedure for the handling of claims against the United States, for money only, on account of damage to or loss of property, or on account of personal injury or death, caused by the negligent or wrongful act or omission of a Government employee while acting within the scope of his office or employment, under circumstances where the United States, if a private person, would be liable in accordance with the law of the place where the act or omission occurred.

(b) The act provides that: (1) No court action (except those involving a third party complaint, cross-claim, or counterclaim) shall be instituted unless the claimant shall have first presented his claim to, and it has been finally denied by, the appropriate Federal agency. The failure, however, of the agency to make final disposition of the claim within 6 months after it is filed may, at the option of the claimant, be deemed a final denial of the claim (28 U.S.C. 2675(a));

(2) Where a suit is filed after the denial of the administrative claim, the amount sought is limited to the amount of the claim presented to the Federal agency, except on proof of newly discovered evidence or intervening facts relating to the amount of the claim (28 U.S.C. 2675 (b));

(3) Suits are tried without a jury, and a district court judgment may be appealed to the appropriate U.S. Circuit Court of Appeals, or upon consent, to the Court of Claims of the United States;

(4) Administrative claims must be filed in writing with the appropriate Federal agency within 2 years from the date the claim accrues, and a suit must be filed within 6 months from the date of mailing of the final denial by the agency of the administrative claim (28 U.S.C. 2401(b));

(5) Section 2680 of title 28, United States Code, enumerates certain types of claims for which the United States is not liable under the Federal Tort Claims Act.

PREMATURE SUITS

§ 14.601 Dismissal action.

Where a tort suit against the United States (other than by third party complaint, cross-claim, or counterclaim) is filed without being preceded by an administrative claim (see § 14.600(b)(1)), the Chief Attorney shall promptly, upon receipt of notice of the action thereon, notify the U.S. attorney and the General Counsel, who will, in turn, notify the Department of Justice, that the provisions of 28 U.S.C. 2675(a) have not been complied with, and that the suit appears to be subject to a motion to dismiss for lack of jurisdiction. The General Counsel should be kept advised as to subsequent developments, and should be furnished a copy of any order of dismissal which may be entered by the court.

ADMINISTRATIVE CLAIMS

§ 14.602 Scope and authority to consider claims.

(a) The Administrator and those delegated such authority in § 2.6 (e) and (f) of this chapter are authorized to consider, ascertain, adjust, determine, compromise and settle claims for money damages against the United States in accordance with regulations prescribed by the Attorney General (28 CFR 14.1 et seq.). Any award, compromise, or settlement exceeding \$25,000 shall be effected by the Attorney General or his designee. In only with the prior written approval of addition, a claim may be compromised or settled only after consultation with the Department of Justice when:

(1) A new precedent or point of law is involved;

(2) A question of policy is or may be involved;

(3) The United States is or may be entitled to indemnity or contribution from a third party and the Veterans' Administration is unable to adjust the third party claim;

(4) For any reason, the compromise of a particular claim, as a practical matter, will, or may, control the disposition of a related claim in which the amount to be paid may exceed \$25,000; or

(5) The United States, an employee, agent, or cost-plus contractor, is involved in litigation based on a claim arising out of the same incident or transaction.

(b) Authority is delegated by § 2.6(f) of this chapter to Chief Attorneys to act on claims not exceeding the specified dollar value, except that any claim which comes within the purview of the five categories stated in paragraph (a) of this section will be forwarded to the General Counsel, who will consult with the Department of Justice thereon.

(c) Where multiple claims (including claims of a subrogator and a subrogee) arise from the same incident, and the total of such claims exceeds the amount delegated Chief Attorneys by § 2.6(f) of this chapter, all such claims will be forwarded to the General Counsel for consideration.

(d) For the purpose of §§ 14.600 through 14.617, any reference to the General Counsel includes all other personnel in the General Counsel's office to which authority to handle Federal tort claims has been delegated by § 2.6(e) (1) and (2) of this chapter.

§ 14.603 Proper claimants.

(a) (1) A claim for damage to or loss of property may be presented by the owner of the property, his duly authorized agent or legal representative.

(2) A claim for personal injury may be presented by the injured person, his duly authorized agent, or legal representative.

(3) A claim based on death may be presented by the executor or administrator of the decedent's estate, or by any other person legally entitled to assert such a claim in accordance with applicable State law.

(4) A claim for loss wholly compensated by an insurer with the rights of a subrogee may be presented by the insurer. A claim for loss partially compensated by an insurer with the rights of a subrogee may be presented by the parties individually as their respective interests appear, or jointly. However, when an insurer presents a claim asserting the rights of a subrogee, he shall also present appropriate evidence to support his right.

(5) A claim presented by an agent or legal representative shall be presented in the name of the claimant, be signed by the agent or legal representative, show the title or legal capacity of the person signing, and be accompanied by evidence

of his authority to present a claim on behalf of the claimant as agent, executor, administrator, parent, guardian, or other representative.

(b) State court procedures relating to the presentation of claims on behalf of mentally incompetent claimants will be complied with. Applicable statutes of limitation are not, however, tolled by the claimant's incompetency.

(c) State court procedures, other than statutes of limitation, relating to the presentation of claims on behalf of minors will be complied with where:

(1) The claimant is represented by an attorney who, at minimal expense and inconvenience, can easily obtain State court approval;

(2) The claimant is not a parent or is otherwise unrelated to the infant;

(3) The minor will reach majority before the expiration of the 2-year period of limitation prescribed by 28 U.S.C. 2401(b); or

(4) The amount involved or the permanence and seriousness of personal injuries are of such magnitude as to warrant judicial approval in order to assure that the interests of the minor are fully protected.

§ 14.604 Filing a claim.

(a) Each person who inquires as to the procedure for filing a claim against the United States, predicated on a negligent or wrongful act or omission of an employee of the Veterans' Administration acting within the scope of his employment, will be furnished a copy of SF 95, Claim for Damage, Injury, or Death. The claimant will be advised to submit the executed claim directly to the Chief Attorney having jurisdiction of the area wherein the occurrence complained of took place. He will also be advised to submit the information prescribed by § 14.607, to the extent applicable. If a claim is presented to the Veterans' Administration which involves the actions of employees or officers of other agencies, it will be forwarded to the Veterans' Administration General Counsel, and transmitted by him forthwith to the appropriate agency.

(b) A claim shall be deemed to have been presented when the Veterans' Administration receives from a claimant, his duly authorized agent or legal representative, an executed SF 95, or other written notification of an incident, together with a claim for money damages, in a sum certain, for damage to or loss of property or personal injury or death: *Provided, however,* That before compromising or settling any claim, an executed SF 95 shall be obtained from the claimant.

(c) A claim presented in compliance with paragraphs (a) and (b) of this section may be amended by the claimant at any time prior to final Veterans' Administration action or prior to the exercise of the claimant's option under 28 U.S.C. 2675(a). Amendments shall be submitted in writing and signed by the claimant or his duly authorized agent or legal representative. Upon the timely filing of an amendment to a pending

claim, the Veterans' Administration shall have 6 months in which to make a final disposition of the claim as amended and the claimant's option under 28 U.S.C. 2675(a) shall not accrue until 6 months after the filing of the amendment. (See § 14.600(b) (1).)

§ 14.605 Investigation and development.

(a) *Development of untoward incidents prior to receipt of a claim.* (1) A report of any collision involving a Government-owned vehicle which results in property damage or personal injury or death will be made by the operator of the Government vehicle immediately following the accident, on SF 91, Operator's Report of Motor Vehicle Accident, and shall be submitted to the Manager or Director of the station involved. A copy of said report, accompanied by an executed copy of SF 91-A, Investigation Report of Motor Vehicle Accident, will be promptly submitted by the Manager or Director to the appropriate Chief Attorney, who will authorize such additional investigation as the circumstances of the case may warrant.

(2) (i) Any incident resulting in damage to, or loss of, property, other than personal effects of a patient in a Veterans' Administration facility, or in personal injury or death, due apparently or allegedly to the negligent or wrongful act or omission of an employee of the Veterans' Administration acting within the scope of his office or employment, or damage to or loss of Government-owned property caused by other than a Veterans' Administration employee acting within the scope of his office or employment, will be immediately reported on SF 92-A, Report of Accident Other Than Motor Vehicle. The Director of the station where such occurrence took place will promptly transmit a copy of the report to the appropriate Chief Attorney, who will authorize such additional investigation as the circumstances of the case may warrant.

(ii) Where the incident involves the loss of personal effects of a patient in a Veterans' Administration facility, the Director will assist the patient in completing a SF 95, Claim for Damage, Injury, or Death, and will advise the patient that it will be forwarded immediately to the appropriate Chief Attorney for consideration. The Director will forward along with the claim a brief summary of the facts, as well as his recommendation, to the Chief Attorney. The Chief Attorney will expedite his consideration and processing of claims of this nature.

(3) An employee will be designated at each station to investigate motor vehicle collisions and other incidents involving damage to, or loss of privately owned property or personal injury or death, apparently or allegedly resulting from the negligent or wrongful act or omission of an employee of the Veterans' Administration acting within the scope of his employment, other than investigation of alleged malpractice, or damage to or loss of Government-owned property caused by other than Veterans Administration

employees. In Central Office, the designation will be made by the Manager, Administrative Services, and at all other stations, by the Director.

(4) The Chief Attorney, Veterans Benefits Office, District of Columbia, or the Chief Attorney of the regional office for the area in which a field station is located will be the appropriate Chief Attorney within the purview of this section. The Chief Attorney will be responsible for processing claims involving motor vehicle collisions and other occurrences resulting in property damage, personal injury, or death, within such area. The Chief Attorney, Veterans Benefits Office, will also have jurisdiction, except as otherwise provided in subparagraph (3) of this paragraph over incidents occurring in Veterans Administration Central Office.

(b) *Postclaim requirements.* (1) Claims coming within the jurisdiction of the Chief Attorney (see § 2.6(f) of this chapter) shall be handled in accordance with the provisions of § 14.608;

(2) Where a claim is presented for an amount in excess of that for which authority has been delegated to the Chief Attorney, he will immediately forward a copy of the SF 95 (or other written statement of a claim), specifying the demand in a sum certain, to the General Counsel, along with any existing information concerning the claim. The Chief Attorney will notify the claimant of this referral and will commence his investigation and development. In the course of the investigation, any photographs or other graphic material which can be obtained should be included in the report to be submitted to the General Counsel;

(3) Within 60 days after receipt of a claim, the Chief Attorney will review all evidence available, and prepare a concise, complete report, including a summary of the evidence, his findings of essential facts, citations of applicable local laws, regulations, and decisions, and his conclusion as to the liability of the United States. This report will also include sufficient information so that a determination can be made as to the amount of damages for which the United States could be held responsible, and the Chief Attorney will state his conclusions and recommendations in this area. The Chief Attorney will transmit two copies of this report to the General Counsel, along with the original and two copies of any applicable medical records which may be available, assembled so they are identical in arrangement with the originals. An extra complete copy of these medical records will be retained by the Chief Attorney which can be forwarded to the U.S. attorney together with the original report of investigation if the claim subsequently reaches the litigation stage. The report itself and the supporting materials, will be indexed, tabbed, and fastened so that it is one unit. If the claimant is a veteran, or the claim involves personal injury or death to a veteran, the veteran's claims folder will be forwarded to the General Counsel along with the report;

(4) In the consideration of claims involving a medical question, the General Counsel will be guided by the views of the Chief Medical Director as to the standard of medical care and treatment, and nature and extent of injuries, the degree of temporary or permanent disability, the prognosis, the necessity for future treatment or physical rehabilitation, and any other pertinent medical aspects of a claim. In claims of this nature, within the jurisdiction of the Chief Attorney, he will be guided by the views of the applicable hospital Director or Chief of Staff where the Director is not a physician.

§ 14.606 Requests for medical information.

(a) Where there is indication that a tort claim will be filed, medical records or other information shall not be released without approval of the Chief Attorney.

(b) Request for medical records, documents, reports, or other information shall be handled in accordance with the provisions of § 1.511(a)(2) of this chapter.

§ 14.607 Evidence to be submitted.

In conducting his investigation into the facts and circumstances giving rise to the claim, the Chief Attorney will consider the following guidelines to the extent applicable:

(a) *Death.* In support of a claim based on death, the claimant may be required to submit the following evidence or information:

(1) An authenticated death certificate or other competent evidence showing cause of death, date of death, and age of the decedent.

(2) Decedent's employment or occupation at time of death, including his monthly or yearly salary or earnings (if any), and the duration of his last employment or occupation.

(3) Full names, addresses, birth dates, kinship, and marital status of the decedent's survivors, including identification of those survivors who were dependent for support upon the decedent at the time of his death.

(4) Degree of support afforded by the decedent to each survivor dependent upon him for support at the time of his death.

(5) Decedent's general physical and mental condition before death.

(6) Itemized bills for medical and burial expenses incurred by reason of the incident causing death, or itemized receipts of payment for such expenses.

(7) If damages for pain and suffering prior to death are claimed, a physician's detailed statement specifying the injuries suffered, duration of pain and suffering, any drugs administered for pain, and the decedent's physical condition in the interval between injury and death.

(8) Any other evidence or information which may have a bearing on either the responsibility of the United States for the death or the damages claimed.

(b) *Personal injury.* In support of a claim for personal injury, including pain

and suffering, the claimant may be required to submit the following evidence or information:

(1) A written report by his attending physician or dentist setting forth the nature and extent of treatment, any degree of temporary or permanent disability, the prognosis, period of hospitalization, and any diminished earning capacity. In addition, the claimant may be required to submit to a physical or mental examination by a physician employed by the agency or another Federal agency. A copy of the report of the examining physician shall be made available to the claimant upon the claimant's written request provided that he has, upon request, furnished the report referred to in the first sentence of this subparagraph and has made or agrees to make available to the agency any other physician's reports previously or thereafter made of the physical or mental condition which is the subject matter of his claim.

(2) Itemized bills for medical, dental, and hospital expenses incurred, or itemized receipts of payment for such expenses.

(3) If the prognosis reveals the necessity for future treatment, a statement of expected expenses for such treatment.

(4) If a claim is made for loss of time from employment, a written statement from his employer showing actual time lost from employment, whether he is a full- or part-time employee, and wages or salary actually lost.

(5) If a claim is made for loss of income and the claimant is self-employed, documentary evidence showing the amount of earnings actually lost.

(6) Any other evidence or information which may have a bearing on either the responsibility of the United States for the personal injury or the damages claimed.

(c) *Property damage.* In support of a claim for injury to or loss of property, real or personal, the claimant may be required to submit the following evidence or information:

(1) Proof of ownership.

(2) A detailed statement of the amount claimed with respect to each item of property.

(3) An itemized receipt of payment for necessary repairs or itemized written estimates of the cost of such repairs.

(4) A statement listing date of purchase, purchase price and salvage value, where repair is not economical.

(5) Any other evidence or information which may have a bearing on either the responsibility of the United States for the damage to or loss of property or the damages claimed.

§ 14.608 Disposition of claims.

(a) *Disallowance.* In the case of a claim where a determination is made that there is no liability on the part of the United States, the Chief Attorney (if he has jurisdiction under § 2.6(f) of this chapter), or the General Counsel will notify the claimant (or his attorney or legal representative) by certified or registered

mail. Notification of final denial may include a statement of reasons for the denial and shall include a statement that, if the claimant is dissatisfied with the agency action, suit in an appropriate U.S. district court may be instituted not later than 6 months after the date of mailing of the notice of final denial.

(b) *Reconsideration of disallowance.* Prior to the expiration of the 6-month period provided in 28 U.S.C. 2401(b), a claimant, his duly authorized agent, or legal representative, may file a written request with the agency for reconsideration of a final denial of a claim under paragraph (a) of this section. Upon the timely filing of a request for reconsideration, the agency shall have 6 months from the date of filing in which to make a final disposition of the claim, and the claimant's option under 28 U.S.C. 2675(a), shall not accrue until 6 months after the filing of a request for reconsideration. Final agency action on a request for reconsideration shall be effected by the Chief Attorney if the claim is one within his jurisdiction as authorized by § 2.6(f) (1) of this chapter, otherwise by the General Counsel. If the previous denial decision is upheld, the notice shall be by certified mail and the claimant will be advised of his right to bring suit within 6 months.

(c) *Allowance or compromise.* (1) In the case of a claim where a determination is made by the Chief Attorney (if the claim is one for which he has been delegated authority under § 2.6(f) (1) of this chapter), or by the General Counsel, that there is or could be liability on the part of the Government, an attempt will be made to obtain an agreement with the claimant, or his attorney, as to a fair and reasonable settlement or compromise;

(2) If the claim is one being handled by the Chief Attorney, and a tentative settlement agreement is reached, advice will be obtained from the General Counsel as to the availability of funds to pay the amount agreed upon. The claimant's signature, as well as that of his spouse if appropriate, shall then be obtained on SP 1145, Voucher for Payment Under Federal Tort Claims Act, and the Chief Attorney will indicate his approval in the area designated therefor. Where required by the applicable State law, approval of a court of competent jurisdiction will be obtained. He will then forward the voucher, and the order of approval if applicable, to the General Counsel for necessary action to effect payment;

(3) Where the claim is being handled by the General Counsel, and is to be settled or compromised, the appropriate voucher will be forwarded to and executed by the claimant, or his duly authorized agent, and by his spouse if appropriate. Where required by the applicable State law, approval of a court having jurisdiction will be obtained. The General Counsel will then take necessary action to effect payment.

(d) *Attorney fees.* In any claim administratively settled or compromised, no specific portion of the award shall be designated as an attorney fee. However, 28 U.S.C. 2678 prohibits an attorney from charging, demanding, receiving, or collecting for services rendered, fees in excess of 20 per centum of any award, compromise, or settlement made pursuant to 28 U.S.C. 2672. Violation of this prohibition will subject the attorney to a fine of not more than \$2,000 or imprisonment for not more than 1 year, or both. When a claimant is represented by an attorney, the voucher for payment shall designate as "payee" both the claimant and his attorney and the check shall be delivered to the attorney whose address shall appear on the voucher.

(e) *Setoff for cost of unauthorized medical treatment.* In any tort claim administratively settled or compromised where the claimant owes the Veterans' Administration for unauthorized medical treatment, there will be set off against the tort claim award the amount of the claimant's indebtedness to the Government. The amount set off is for credit to the appropriation account from which the services were provided. The voucher prepared for settlement of the claim will specify that the amount of the setoff be deposited to the credit of the designated account and that the balance of the award be paid to the claimant.

LITIGATED CLAIMS

§ 14.609 Tort suits following denial of an administrative tort claim.

Where civil action against the United States follows denial of an administrative claim, the General Counsel, upon receipt of notice of the action, will furnish to the Department of Justice a copy of the investigation report and other related materials obtained in connection with the consideration of the administrative claim previously submitted to the agency. The General Counsel will instruct the Chief Attorney to forward to the appropriate U.S. attorney the investigation report and other related materials, including medical records and any other information, which may be appropriate to the litigation. The Chief Attorney will keep the General Counsel advised of subsequent developments, and will render assistance as requested by the U.S. attorney and the General Counsel with respect to the defense of the suit.

§ 14.610 Suits against Veterans' Administration employees arising out of the operation of motor vehicles or based upon medical care and treatment furnished by or for the Department of Medicine and Surgery.

(a) (1) Section 2679 of title 28, United States Code, provides for the defense of suits against Federal employees or their estates arising out of their operation of motor vehicles in the scope of their office or employment with the Federal Government.

(2) Section 4116, title 38, United States Code, provides for the defense of suits,

alleging malpractice or negligence in furnishing medical care and treatment, filed against physicians, dentists, nurses, pharmacists, or paramedical or other supporting personnel as a result of an act or omission which occurred while acting within the scope of their employment in or for the Department of Medicine and Surgery.

(b) Any Veterans' Administration employee against whom a civil action or proceeding is brought for damage to property, or for personal injury or death, on account of the employee's operation of a motor vehicle in the scope of his office or employment with the Government or on account of malpractice or negligence in furnishing medical care and treatment which occurred while acting within the scope of his employment in or for the Department of Medicine and Surgery, shall deliver all process and pleadings served upon him, or an attested true copy thereof, forthwith to the Chief Attorney having jurisdiction over the area in which the employee is employed. In addition, upon his receipt of such process or pleadings, or any prior information regarding the commencement of such a civil action or proceeding, he shall immediately so advise the Chief Attorney.

(c) Where civil action against an employee is covered by the provisions of either of the laws cited in paragraph (a) of this section, the Chief Attorney shall promptly, upon receipt thereof, furnish the U.S. attorney for the district embracing the place wherein the action or proceeding is brought, information concerning the commencement of such action or proceeding, and copies of all process and pleadings therein. In addition, the Chief Attorney shall submit a report to the U.S. attorney containing all available data bearing upon the question and state whether the employee was acting within the scope of his office or employment with the Federal Government at the time of the incident out of which the suit arose. Two copies of the report will be submitted to the General Counsel. In cases involving the operation of motor vehicles, the report shall include factual information bearing upon the nature of the employee's duties, his authorized destination, the conveyance authorized, whether he had departed from the route authorized or disobeyed the instructions given him, whether at the time of the incident he was engaged in the furtherance of his own personal interests, and any other relevant data. In cases involving allegations of malpractice or negligence in furnishing medical care and treatment, the report shall include factual information bearing upon the nature of the employee's duties and all available facts and circumstances surrounding the alleged act or omission, together with any other relevant information. The Chief Attorney will advise the U.S. attorney of the provisions of either 28 U.S.C. 2679 or of 38 U.S.C. 4116 and render such assistance as may be requested by the U.S. attorney or the General Counsel with respect to the defense of the suit.

ADMINISTRATIVE SETTLEMENT OF TORT CLAIMS ARISING IN FOREIGN COUNTRIES

§ 14.615 General.

(a) *Authority.* Section 236, title 38, United States Code, provides that the Administrator of Veterans' Affairs may pay tort claims, in the manner authorized in the first paragraph of section 2672 of title 28, United States Code, when such claims arise in foreign countries in connection with Veterans' Administration operations abroad.

(b) *Action by claimant.* Claims for property loss or damage may be filed by the owner of the property or his duly authorized agent or legal representative. If the property was insured and the insurer is subrogated, in whole or in part, and if both the owner and the insurer desire to file a claim for their respective losses, they should join in one claim. Claims for personal injury may be filed by the injured person or his agent or legal representative. Claims for death may be filed by the personal representative of the decedent or any other legally qualified person. When filed by an agent or legal representative, the claim must show the title or capacity of the person representing the claimant and be accompanied by evidence of the appointment of such person as agent, legal representative, executor, administrator, guardian, or other fiduciary.

(c) *Time for filing.* A claim may not be allowed under 38 U.S.C. 236 unless it is presented to the Administrator or his designee within 2 years after the claim accrues.

§ 14.616 Form and place of filing claim.

(a) *Form of claim.* Claims arising under 38 U.S.C. 236 will be prepared in the form of a sworn statement and submitted in duplicate. The original copy of the claim will be sworn to or affirmed before an official with authority to administer oaths or affirmations and will contain the following information, at least:

- (1) The name and address of claimant;
- (2) The amount claimed for injury or death, and for property loss or damage;
- (3) If property was lost or damaged, the amount paid or payable by the insurer together with the name of the insurer;
- (4) A detailed statement of the facts and circumstances giving rise to the claim, including the time, place, and date of the accident or incident;
- (5) If property was involved, a description of the property and the nature and extent of the damage and the cost of repair or replacement based upon at least two impartial estimates;
- (6) If personal injury was involved, the nature of the injury, the cost of medical and/or hospital services, and time and income lost due to the injury;
- (7) If death is involved, the names and ages of claimants and their relationship to decedent;
- (8) The name and official position of the employee of the United States alleg-

edly responsible for the accident or injury, or loss or damage of property;

(9) The names and addresses of any witnesses to accident or incident; and

(10) If desired, the law applicable to the claim.

(b) *Place of filing claim.* Claims arising in the Philippines under 38 U.S.C. 236 will be filed with the Chief Attorney, Veterans' Administration Regional Office, Manila, Republic of the Philippines. Claims arising in other foreign countries will be filed with the American Embassy or Consulate nearest the place where the incident giving rise to the claim took place.

(c) *Evidence to be submitted by claimant—(1) General.* The amount claimed on account of damage to or loss of property or on account of personal injury or death shall, so far as possible, be substantiated by competent evidence. Supporting statements, estimates and the like will, if possible, be obtained from disinterested parties. All evidence will be submitted in duplicate. Original evidence or certified copies shall be attached to the original copy of the claim, and simple copies shall be attached to the other copy of the claim. All documents in other than the English language will be accompanied by English translations.

(2) *Personal injury or death.* In support of claims for personal injury or death, the claimant will submit, as may be appropriate, itemized bills for medical, hospital, or burial expenses actually incurred; a statement from the claimant's or decedent's employer as to time and income lost from work; and a written report by the attending physician with respect to the nature and extent of the injury, the nature and extent of treatment, the degree of disability, the period of hospitalization or incapacitation, and the prognosis as to future treatment, hospitalization and the like.

(3) *Damage to personal property.* In support of claims for damage to personal property which has been repaired, the claimant will submit an itemized receipt, or, if not repaired, itemized estimates of the cost of repairs by two reliable parties who specialize in such work. If the property is not economically repairable, the claimant will submit corroborative statements of two reliable, qualified persons with respect to cost, age of the property and salvage value.

(4) *Damage to real property.* In support of claims for damage to land, trees, buildings, fences, or other improvements to real property, the claimant will submit an itemized receipt if repairs have been made, or, if repairs have not been made, itemized estimates of the cost of repairs by two reliable persons who specialize in such work. If the property is not economically repairable, the claimant will submit corroborative statements of two reliable, qualified persons with respect to the value of the improvements both before and after the accident or incident and the cost of replacements.

(5) *Damage to crops.* In support of claims for damage to crops, the claimant will submit an itemized signed statement

showing the number of acres, or other unit measure of crop damaged, the probable yield per unit, the gross amount which would have been realized from such probable yield and an estimate of the costs of cultivating, harvesting and marketing the crop. If the crop is one which need not be planted each year, the diminution in value of the land beyond the damage to the current year's crop will also be stated.

§ 14.617 Disposition of claims.

(a) *Disposition of claims arising in Philippines.* All claims arising under 38 U.S.C. 236 in the Philippines, including a complete investigation report and a brief résumé of applicable law, will be forwarded directly by the Chief Attorney to the General Counsel, together with his recommendation as to disposition.

(b) *Disposition of claims arising in foreign countries other than the Philippines.* When a claim is received in an American Embassy or Consulate, the Embassy or Consulate receiving such claim shall make such investigation as may be necessary or appropriate for a determination of the validity of the claim and thereafter shall forward the claim, together with all pertinent material, including a résumé of applicable law and a recommendation regarding allowance or disallowance of the claim, through regular channels of the Department of State to the General Counsel, Veterans' Administration Central Office, Washington, D.C.

(c) *Payment of claims.* Upon determining that there is liability on the part of the United States under 38 U.S.C. 236, the General Counsel, or such other personnel as may be designated by the Administrator, will take the necessary action to effect payment.

CLAIMS FOR DAMAGE TO OR LOSS OF GOVERNMENT PROPERTY

§ 14.618 Collection action.

(a) In a case where the Chief Attorney determines that damage to or loss of Government property under the jurisdiction of the Veterans' Administration resulted from the negligence or other legal wrong of a person other than an employee of the United States, and such damages do not exceed \$20,000, he will request payment of the amount of damage from the person liable therefor or his insurer.

(b) The Chief Attorney may collect, compromise, suspend, or terminate collection action on any such claim as is authorized under § 2.6(f) of this chapter, in conformity with the standards in § 1.900 series of this chapter. Any such claim which is not compromised or on which collection action is not suspended or terminated, will be referred by the Chief Attorney direct to the appropriate U.S. attorney along with the information required by §§ 1.951 through 1.953 of this chapter. Any claim in excess of the authorized amount on which voluntary payment in full has not been made, will be transmitted along with the report required by § 14.605(a)(2)(i), a report on credit data (§ 1.952 of this chapter), and any other pertinent information, to the General Counsel for appropriate action.

(c) The General Counsel or those designated in § 2.6(e)(4) of this chapter will take action to collect, compromise, suspend, or terminate collection action on such claims not exceeding \$20,000 in conformity with § 1.900 series of this chapter. Any such claims not compromised, or on which collection action is not suspended or terminated in accordance with § 1.900 series of this chapter, will be referred promptly to the Department of Justice for appropriate action.

(d) The provisions of paragraphs (a) through (c) of this section are not applicable to the collection of claims involving damage to General Services Administration Motor Pool System vehicles issued for Veterans' Administration use. Whenever there is any indication that a party other than the operator of a motor pool system vehicle is at fault in an accident, all documents and data pertaining to the accident and its investigation will be submitted to the General Services Administration Regional Counsel of the region that issued the vehicle who has jurisdiction over such matters. Whenever a motor pool system vehicle is involved in an accident, resulting in damage to the property of, or injury to the person of a third party, and the third party asserts a claim against the Veterans Administration based upon the alleged negligence of the vehicle operator, the claim will be considered under § 14.600 et seq.

3. In Part 14, §§ 14.664 through 14.670 are revoked and §§ 14.664 through 14.669 are added to read as follows:

PERSONNEL CLAIMS

§ 14.664 Scope of authority and effective date.

Public Law 88-558 (78 Stat. 767), approved August 31, 1964, authorizes the Administrator or his designee to settle and pay a claim for not more than \$8,500 made by a civilian officer or employee of the Veterans Administration for damage to, or loss of personal property incident to his service. Authority is delegated by § 2.6(e)(5) of this chapter to the General Counsel, Associate General Counsel, Assistant General Counsel (Professional Staff Group D), and the Deputy Assistant General Counsel, of said staff group, or those acting for them, to settle and pay such claims on behalf of the Administrator, and such settlement shall be final and conclusive. Authority is delegated to Chief Attorneys by § 2.6(f)(5) of this chapter to settle and pay on behalf of the Administrator a claim under the Military Personnel and Civilian Employees' Claims Act of 1964, not exceeding amounts authorized by said section, in accordance with instructions issued by the General Counsel.

§ 14.665 Claims.

(a) The claim must be presented in writing on VA Form 2-4760, Employee's Claim for Reimbursement for Personal Property Damaged or Lost Incident to Employment. It will be submitted to the personnel office where the claim originates within 2 years after it accrues, except that if the claim accrues in time

of war or in time of armed conflict in which any armed force of the United States is engaged or if such war or armed conflict intervenes within 2 years after it accrues, and if good cause is shown, the claim may be presented not later than 2 years after that cause ceases to exist. The claim must be executed and certified by the officer or the employee suffering the loss or damage, or in the event of his death, by the surviving spouse, children, father or mother or both, or brothers or sisters or both. Claims of survivors shall be settled and paid in the order named. All claims must contain the following:

(1) The date, time, and place the loss or damage occurred and the circumstances surrounding such loss or damage, together with the supporting statements of any witnesses who can verify such facts.

(2) In the event of damage, the date of acquisition, original cost, condition before damage, and at least two estimates of the cost of repair or replacement. In the event of loss, the date of acquisition, the original cost, the condition, and an estimate of the reasonable market value of the article or articles.

(3) A statement as to any claims or potential claim he may have for indemnification of the loss or damage against other than the United States and whether he will assign such to the United States and cooperate in its prosecution. Where such claim or potential claim is against a carrier or insurer, evidence that a timely claim has been properly made. Where a recovery from the carrier or his insurer has been obtained or offered, such information shall be included.

(4) In cases involving damage or destruction of personal property by patients or domiciliary members, a statement as to whether a claim was filed pursuant to 38 U.S.C. 233(a)(5) and whether such claim has been finally denied.

(b) The Personnel Officer receiving the claim will forward same to the person designated to investigate accidents at the station pursuant to § 14.605 within 5 days after receipt.

(c) The employee designated pursuant to § 14.605 will ascertain if such claim is complete in all respects and conduct such investigation as is necessary to establish all facts required to properly evaluate the claim both as to merit and the reasonable amount payable for the loss or damage. Where it is indicated that the claimant may have a potential claim against other than the United States, he will secure a suitable assignment of all right and title to such claim, to the extent the United States makes reimbursement, and the agreement of the claimant to furnish such evidence as may be necessary to pursue such claim. If the potential claim is against a carrier or insurer, he will ascertain that the claimant has filed a timely proper claim and procure evidence thereof. He will also include information concerning any offer of settlement the carrier may have made. The completed investigation, original claim and supporting evidence will

be forwarded to the appropriate Chief Attorney.

§ 14.666 Chief attorney responsibility.

(a) The Chief Attorney having jurisdiction will conduct such additional investigation as he deems necessary to establish all facts required. If the claimant has indicated he may have a potential claim for indemnification against other than the United States, the Chief Attorney will ascertain that a suitable assignment, legally enforceable, of all right and title to such claim, to the extent the United States makes reimbursement, and the agreement of the claimant to furnish such evidence as may be necessary to pursue such claim is of record. If such potential claim is against a carrier or insurer, he will ascertain that claimant has filed a timely proper claim against the carrier or insurer and review same for legal sufficiency.

(b) If the claim is for an amount within his jurisdiction, the Chief Attorney will take action thereon in accordance with §§ 14.664 through 14.667. If the claim exceeds an amount within his jurisdiction, the Chief Attorney will forward the original claim with the supporting evidence, the initial investigation report, the original of his investigation report, if any, and a recommendation as to disposition of the claim to the General Counsel.

§ 14.667 Claims payable.

(a) No claim shall be paid unless timely filed in proper form as provided in § 14.665 and the preponderance of the evidence establishes that the loss or damage:

(1) Actually occurred and the amount claimed is reasonable,

(2) Was incident to the employee's service and his possession of the property was reasonable, useful or proper under the circumstances,

(3) Did not occur at quarters occupied within the 50 States or the District of Columbia that were not assigned to the claimant or otherwise provided in kind by the United States.

(4) Was not caused wholly or partly by the negligent act of claimant, his agent, or his employee, and that the claimant has no right to indemnification for his loss or damage from other than the United States, except to the extent that he assigns such right to the United States and agrees to furnish evidence required to enable the United States to enforce such right. In the event he has a right to recovery for the loss or damage from a carrier or insurer he will be required to file a timely claim for such recovery before consideration of his claim against the United States.

(b) No claim for the cost of repair or replacement of personal property of employees damaged or destroyed by patients or domiciliary members while such employees are engaged in the performance of official duties shall be entertained under §§ 14.664 through 14.667, unless claim filed pursuant to 38 U.S.C. 233(a)(5) (§ 17.78 of this chapter) has

been finally denied for the reason that such claim did not meet the criteria established by that law.

§ 14.668 Disposition of claims.

(a) *Disallowed claims.* Claimants will be promptly notified of the disallowance of a claim and the reasons therefor.

(b) *Allowed claims.*—(1) *Reimbursement in kind.* Where a claim is allowed and it is determined to be to the advantage of the Government, reimbursement will be made in kind. The official authorizing settlement will request the Director, Supply Service, Department of Medicine and Surgery, to procure the necessary article or articles and deliver same to the claimant.

(2) *Reimbursement by check.* The official authorizing settlement will forward allowed claims, other than those requiring reimbursement in kind, to the Finance activity at the Veterans Administration installation where the claim arose. That activity will audit the claim, which if found proper for payment, will be scheduled on VA Form 4-1423, Voucher and Schedule of Payments, and forwarded to the appropriate Regional Disbursing Office for payment.

§ 14.669 Fees of agents or attorneys; penalty.

The Military Personnel and Civilian Employees' Claims Act of 1964 (Public Law 88-558; 78 Stat. 767) was amended by Public Law 89-185 (79 Stat. 789), on September 15, 1965, by adding a new section which provided that no more than 10 percent of the amount paid in settlement of each individual claim submitted and settled under the authority of the Act shall be paid or delivered to or received by any agent or attorney on account of services rendered in connection with that claim. Any person violating the provisions of this Act is deemed to be guilty of a misdemeanor and upon conviction thereof shall be fined in any sum not exceeding \$1,000.

[FR Doc.73-3892 Filed 2-28-73;8:45 am]

PART 2—DELEGATIONS OF AUTHORITY

General Counsel et al.

Section 2.75 is revised to read as follows:

§ 2.75 The General Counsel, Associate General Counsel, Assistant General Counsel (professional staff group I), and the Deputy Assistant General Counsel of said staff group, or those acting for them are delegated authority to settle and pay a claim for not more than \$6,500 made by a civilian officer or employee of the Veterans Administration for damage to, or loss of, personal property incident to his service on behalf of the Administrator, and such settlement shall be final and conclusive.

This delegation of authority is identical to § 14.664 of this chapter.

Approved: February 23, 1973.

By direction of the Administrator.

[SEAL] FRED B. RHODES,
Deputy Administrator.

[FR Doc.73-3935 Filed 2-28-73;8:45 am]

Title 39—Postal Service
CHAPTER I—U.S. POSTAL SERVICE
BYLAWS

Miscellaneous Amendments

On February 6, 1973, the Board of Governors of the U.S. Postal Service by Resolution No. 73-1 amended §§ 3.2, 4.1, 5.1, 5.2, and 6.1 of its bylaws (§§ 3.2, 4.1, 5.1, 5.2, and 6.1 of Title 39 CFR (36 FR 689-690)). The changes, which took effect on the date of adoption, relate to the scheduling of the Board of Governors' annual meeting; the appointment, and term of office, of committee members; the term of office of the Chairman of the Board; the term of office of the Vice Chairman of the Board; and when the Postmaster General shall render an annual report to the board.

Accordingly, the following amendments are made to Title 39, CFR.

PART 3—BOARD OF GOVERNORS
[ARTICLE III]

1. The second sentence of § 3.2 is amended to read as follows:

§ 3.2 Regular meetings.

The first regular meeting held in each calendar year shall be designated as the annual meeting. * * *

PART 4—COMMITTEES OF THE BOARD
[ARTICLE IV]

2. The second sentence of § 4.1 is amended to read as follows:

§ 4.1 Establishment and appointment of committees.

The chairman and members of each committee shall be appointed by the Chairman of the Board to serve for terms which shall expire at the end of each annual meeting. * * *

PART 5—OFFICERS [ARTICLE V]

3. Paragraph (c) of § 5.1 is amended to read as follows:

§ 5.1 Chairman.

(c) Serve for a term that shall commence at the time of his election and shall expire at the end of the first annual meeting following the meeting at which he was elected.

4. The first sentence of § 5.2 is amended to read as follows:

§ 5.2 Vice Chairman.

The vice chairman shall be elected by the board from among the members of the board and shall serve for a term that shall commence at the time of his election and shall expire at the end of the first annual meeting thereafter. * * *

PART 6—REPORTS AND RECORDS
[ARTICLE VI]

5. The first sentence of § 6.1 is amended to read as follows:

§ 6.1 Annual report.

At or before the annual meeting of the board, the Postmaster General shall render an annual report to the board con-

cerning the operations of the Postal Service as required by 39 U.S.C. section 2402. * * *

(39 U.S.C. 202, 205, 401(2))

LOUIS A. COX,
General Counsel of the U.S.
Postal Service, and Secretary
to the Board of Governors.

[FR Doc.73-3876 Filed 2-28-73;8:45 am]

Title 41—Public Contracts and Property Management

CHAPTER 8—VETERANS ADMINISTRATION

PART 8-7—CONTRACT CLAUSES

Clauses for Fixed-Price Supply and Construction Contracts

On page 26439 of the FEDERAL REGISTER of December 12, 1972, there was published a notice of proposed regulatory revision of §§ 8-7.150 and 8-7.650, Title 41, Code of Federal Regulations, to revise clauses currently prescribed for fixed-price supply contracts and for fixed-price construction contracts in excess of \$10,000, to incorporate additional construction contract clauses typically used, and to delete material inappropriate thereto. Interested persons were given 30 days in which to submit comments, suggestions, or objections regarding the proposed regulations.

Only one comment was received. It was recommended that the clause on contract changes (§ 8-7.650-21) be amended to raise the requirement for itemized breakdowns from \$100 to \$1,000. The basis of the recommendation was stated to be a saving of paperwork for both the contractor and the contracting officer. It is believed, however, that the preparation of an itemized cost breakdown is essential to the estimating process regardless of amount. The degree of detail, however, can vary with the complexity of the work, and considerable latitude is permitted in the case of smaller and less complex change proposals. Accordingly, the clause is adopted as proposed. Sections 8-7.150 and 8-7.650 are set forth below.

Effective date. These regulations are effective March 1, 1973.

Approved: February 23, 1973.

By direction of the Administrator.

[SEAL] FRED B. RHODES,
Deputy Administrator.

§ 8-7.150-19 [Revoked]

1. Section 8-7.150-19 *Affirmative action compliance program*, is revoked.
2. Section 8-7.150-23 is revised to read as follows:

§ 8-7.150-23 *Noncompliance with packaging, packing, and/or marking requirements.*

The following clause will be included in contracts for supplies for delivery to supply distribution warehouses or depots for storage and subsequent issue to a using activity. It may also be included when appropriate when delivery is direct to a using activity.

NONCOMPLIANCE WITH PACKAGING, PACKING, AND/OR MARKING REQUIREMENTS

Failure to comply with the packaging, packing, and marking requirements indicated herein, or incorporated herein by reference, may result in rejection of the merchandise and request for replacement, or repackaging, repacking, and/or marking. The Government reserves the right without obtaining authority from the Contractor to perform the required repackaging, repacking, and/or marking services and charge the Contractor therefor at a rate of \$11 per man-hour for the first or fractional hour and \$6 for any succeeding or fractional hour, or have the required repackaging, repacking, and/or marking services performed commercially under Government orders and charge the Contractor therefor at the above rates. In connection with any discount offered, time will be computed from the date of completion of such repackaging, repacking, and/or marking services.

3. Section 8-7.650-2 is revised to read as follows:

§ 8-7.650-2 Specifications and drawings.

Clause 2 of the general provisions (Construction Contract) SF 23A is supplemented as follows:

(a) The Contracting Officer's interpretation of the drawings and specifications will be final, subject to the disputes clause.

(b) Large scale drawings supersede small scale drawings.

(c) Dimensions govern in all cases. Scaling of drawings may be done only for general location and general size of items.

(d) Dimensions shown of existing work and all dimensions required for work that is to connect with existing work, shall be verified by the Contractor by actual measurement of the existing work. Any work, at variance with that specified or shown in the drawings shall not be performed by the Contractor until approved in writing by the Contracting Officer.

4. Section 8-7.650-4 is added to read as follows:

§ 8-7.650-4 Bonds.

The contractor must furnish a Performance Bond (Standard Form 25) for one-hundred (100) percent of the amount of the contract, and a Payment Bond (Standard Form 25A) in the penal sums set forth below:

Amount of contract	Penal sum of bond
\$2,000 to \$1,000,000.....	Fifty (50) percent of the amount of the contract
\$1,000,000 to \$5,000,000..	Forty (40) percent of the amount of the contract
\$5,000,000 and over.....	\$2,500,000

5. Section 8-7.650-8 is added to read as follows:

§ 8-7.650-8 Reference to "Standards".

(a) Any materials, equipment, or workmanship specified by references to number, symbol, or title of any specific Federal, Industry or Government Agency Standard Specification shall comply with all applicable provisions of such standard specifications, except as limited to type, class or grade, or modified in contract specifications. Reference to "Standards" referred to in the contract specifications, except as modified, shall have

full force and effect as though printed in detail in specifications.

(b) Federal Specification numbers refer to specifications issued by General Services Administration. Such specifications may be seen at the Office of Construction, Veterans Administration, Washington, D.C., or at the office of the Resident Engineer for this project. An Index to the Specifications may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Single copies of specifications may be obtained without charge for bidding purposes, from any GSA Business Service Center provided a copy of the Invitation for Bids is furnished. Multiple copies may be purchased only from Specifications Activity, Printed Materials Division, Building 197, Naval Weapons Plant, Washington, D.C. 20407.

§ 8-7.650-11 [Revoked]

6. Section 8-7.650-11, affirmative action compliance program, is revoked.

7. Section 8-7.750-12 is added (material formerly in § 8-7.650-13) and a new § 8-7.650-13 is added so that §§ 8-7.650-12 and 8-7.650-13 read as follows:

§ 8-7.650-12 Subcontracts and work coordination.

The following clause is for use except as provided in § 8-7.650-13.

SUBCONTRACTS AND WORK COORDINATION

(a) Nothing contained in this contract shall be construed as creating any contractual relationship between any subcontractor and the Government. Divisions or sections of specifications are not intended to control the Contractor in dividing work among subcontractors, or to limit work performed by any trade.

(b) The Contractor shall be responsible to the Government for acts and omissions of his own employees, and of the subcontractors and their employees. He shall also be responsible for coordination of the work of the trades, subcontractors, and materialmen.

(c) The Government or its representatives will not undertake to settle any differences between the Contractor and his subcontractors, or between subcontractors.

(d) The Government reserves the right to refuse to permit employment on the work or require dismissal from the work of any subcontractor who, by reason of previous unsatisfactory work on Veterans Administration projects or for any other reason, is considered by the Contracting Officer to be incompetent or otherwise objectionable.

§ 8-7.650-13 Work coordination (alternate provision).

For new construction work with complex mechanical-electrical work, the following provision relating to work coordination may be substituted for paragraph (b) of the clause set forth in § 8-7.650-12:

The Contractor shall be responsible to the Government for acts and omissions of his own employees, and subcontractors and their employees. He shall also be responsible for coordination of the work of the trades, subcontractors, and material suppliers. The Contractor shall, in advance of the work, prepare coordination drawings showing the location of openings through slabs, the pipe sleeves and hanger inserts, as well as the location and elevation of utility lines, including, but not limited to, conveyor systems, pneumatic tubes, ducts, and conduits and pipes 2 inches and larger in diameter. These drawings, including plans, elevations, and sections as appropriate shall clearly show the manner in which the utilities fit into the available space and relate to each other and to existing building elements. Drawings shall be of appropriate scale to satisfy the previously stated purposes, but not smaller than 1/4-inch scale. Drawings may be composite (with distinctive colors for the various trades) or may be separate but fully coordinated drawings (such as sepia or photographic paper reproductions) of the same scale. Separate drawings shall depict identical building areas or sections and shall be capable of being overlaid in any combination. The submitted drawings for a given area of the project shall show the work of all trades which will be involved in that particular area. Six complete composite drawings or six complete sets of separate reproducible drawings shall be received by the Government not less than 20 days prior to the scheduled start of the work in the area illustrated by the drawings, for the purpose of showing the Contractor's planned method of installation. The objectives of such drawings are to promote carefully planned work sequence and proper trade coordination, in order to assure the expeditious solutions of problems and the installation of lines and equipment as contemplated by the contract documents while avoiding or minimizing additional costs to the Contractor and to the Government. In the event the Contractor, in coordinating the various installations and in planning the method of installation, finds a conflict in location or elevation of any of the utilities with themselves, with structural items or with other construction items, he shall bring this conflict to the attention of the Contracting Officer immediately. In doing so, the Contractor shall explain his proposed method of solving the problem or shall request instructions as to how to proceed if adjustments beyond those of usual trades coordination are necessary. Utilities installation work will not proceed in any area prior to the submission and completion of the Government review of the coordinated drawings for that area, nor in any area in which conflicts are disclosed by the coordination drawings until the conflicts have been corrected to the satisfaction of the Contracting Officer. It is the responsibility of the Contractor to submit the required drawings in a timely manner consistent with the requirement to complete the work covered by this contract within the prescribed contract time.

8. Section 8-7.650-15 is revised to read as follows:

§ 8-7.650-15 Schedule of work progress.

(a) The Contractor shall submit with the schedule of costs, as required by "Payment to Contractor" clause a progress curve indicating anticipated work progression against lapsed contract time, for approval of the Contracting Officer. Submission shall be in quadruplicate on VA Form 08-6159, Construction Progress Chart, furnished by the Veterans Administration, and shall be signed by the Contractor. The curve shall start on the date the Contractor receives the "Notice to Proceed" and terminate on the original contract completion date. Both dates shall be indicated on the Construction Progress Chart.

(b) The scheduled percent completion will be compared to the actual percent completion to determine if the contract work is on schedule. Monthly progress reports will be prepared by the Veterans

Administration on a Contract Progress Report form (VA Form 08-6001 or 08-6001a, as appropriate). This report will indicate both scheduled percent completion and actual percent completion. The scheduled percent completion will be taken from the approved progress curve. The actual percent completion will be based on the value of work in place divided by current contract amount.

(c) The progress curve will be revised when additional time is granted for any reason. The curve will be revised only for individual or cumulative time extensions of 15 days or more. Either of the following methods of revising the curve will be used, depending on circumstances.

(1) Where there is additional time granted for reasons which do not immediately affect the job progress, such as changed work, use the following method: The curve is replotted between two points, starting with the point on the original or current curve established by the date when the change was ordered. The second point is the extended contract completion date resulting from the change.

(2) Where there is additional time granted for reasons which immediately affect the job progress, use the following method: The curve is replotted by means of a horizontal displacement to the original or current curve. The point on the original or current curve established by the date when the change was ordered or when job progress was affected is determined. The number of days granted is plotted horizontally from this point to establish the displacement. The remainder of the curve is replotted to the extended contract completion date.

(d) The revised curve will be used for reporting future scheduled percent completion.

9. Section 8-7.650-16 is revised to read as follows:

§ 8-7.650-16 Supplementary labor standards provisions.

(a) The wage determination decision of the Secretary of Labor is set forth in section GR, General Requirements, of this contract. It is the result of a study of wage conditions in the locality and establishes the minimum hourly rates of wages and fringe benefits for the described classes of labor in accordance with applicable law. No increase in the contract price will be allowed or authorized because of payment of wage rates in excess of those listed.

(b) The contractor shall submit the required copies of payrolls to the contracting officer through the resident engineer or engineer officer, when acting in that capacity. Department of Labor Form WH-347, Payroll, available from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402, may be used for this purpose. If, however, the contractor or subcontractor elects to use his own payroll form, it shall contain the same information shown on Form WH-347, and in addition be accompanied by Department of Labor Form WH-348, Statement of Compliance,

or any other form containing the exact wording of this form.

10. Section 8-7.650-20 is revised to read as follows:

§ 8-7.650-20 Safety requirements.

(a) In order to protect the lives and health of employees and others, the Contractor shall take such safety precautions as are required by insurance underwriters, and shall comply with all applicable provisions of "Safety and Health Regulations for Construction" as set out in Part 1926, Title 29—Labor, Code of Federal Regulations.

(b) The Contractor shall maintain an accurate record of, and shall report to the Contracting Officer through the Resident Engineer in the manner and on forms prescribed by the Contracting Officer, all cases of death, occupational disease, and traumatic injury arising out of, or in course of, performance of this contract.

(c) The Contracting Officer, through the Resident Engineer, will notify the Contractor in writing of any noncompliance with safety and health regulations and necessary corrective action to be taken. On receipt of such notice, the Contractor will immediately correct the conditions to which attention has been directed.

(d) If the Contractor fails to promptly comply with the Contracting Officer's demand for necessary corrective action, as mentioned in the preceding paragraph, the Contracting Officer may order a stoppage of all or any part of the work and have corrective action taken by others and the cost of such corrective action shall be charged to the Contractor. Work stoppage(s), issued hereunder, will be lifted when necessary corrective action has been taken by the Contractor or the Government. Work stoppage(s) issued hereunder shall not be the basis of a claim for time lost or for any delays directly or indirectly attributable to Contractor's failure to comply with the above specified safety requirements.

(e) "Safety and Health Regulations for Construction," mentioned in paragraph (a) of this clause may be obtained from any regional office of the Occupational Safety and Health Administration, Department of Labor.

11. In § 8-7.650-21, paragraphs (a), (d), and (e) are amended to read as follows:

§ 8-7.650-21 Contract changes.

Clause 3, Changes, and Clause 4, Differing Site Conditions, of General Provisions, SF 23A are supplemented as follows:

(a) When requested by the Contracting Officer, the Contractor shall submit proposals for changes in work to the Resident Engineer. Proposals, to be submitted within 30 calendar days after receipt of request, shall be in legible form, original and five copies, with an itemized breakdown that will include material, quantities, unit prices, labor costs (separated into trades), construction equipment, etc. (Labor costs are to be identified with specific material placed or operation performed.) The Contractor must obtain and furnish with his proposal an itemized breakdown as described above, signed by each subcontractor participating in the change regardless of tier. No itemized breakdown will be required for proposals amounting to less than \$100.

(d) Allowances not to exceed 10 percent each for overhead and profit for the party performing the work will be based on the

value of labor, material, and use of construction equipment required to accomplish the change. As the value of the change increases, a declining scale will be used in negotiating the percentage of overhead and profit. Allowable percentages on changes will not exceed the following: 10 percent overhead and 10 percent profit on first \$20,000; 7½ percent overhead and 7½ percent profit on next \$30,000; 5 percent overhead and 5 percent profit on balance over \$50,000.

(e) The Prime Contractor's fee on work performed by subcontractors will be based on the net increased cost to the Prime Contractor. Allowable fee on changes will not exceed the following: 10 percent fee on first \$20,000; 7½ percent fee on next \$30,000; and 5 percent fee on balance over \$50,000.

§ 8-7.650-23 [Revoked]

12. Section 8-7.650-23, Release of claims, is revoked.

[FR Doc. 73-3891 Filed 2-28-73; 8:45 am]

CHAPTER 103—DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PART 103-1—INTRODUCTION

Miscellaneous Amendments

Chapter 103, Title 41, Code of Federal Regulations is amended as set forth below. The purposes of this amendment is to accomplish minor editorial corrections.

It is the general policy of the Department of Health, Education, and Welfare to allow time for interested parties to take part in the rule making process. However, as the amendment herein involves editorial corrections, the public rule making process is deemed unnecessary in this instance.

Subpart 103-1.1—Regulation System

§ 103-1.108 [Amended]

1. Paragraph (b) of § 103-1.108 is hereby revoked.

Subpart 103-1.50—Authorities and Responsibilities

2. Section 103-1.5002-10 is revised to read as follows:

§ 103-1.5002-10 Operating agency.

"Operating agency" shall mean the Food and Drug Administration, Office of Education, Health Services and Mental Health Administration, National Institutes of Health, Social and Rehabilitation Service, Social Security Administration and National Institute of Education.

3. The first paragraph of § 103-1.5002-11 is revised to read as follows:

§ 103-1.5002-11 Property.

"Property" means any interest in property except the public domain; lands reserved or dedicated for national forest or national park purposes; minerals in lands or portions of lands withdrawn or reserved from the public domain which the Secretary of the Interior determines are suitable for disposition under the public land mining and mineral leasing laws; and lands withdrawn or reserved from the public domain except lands or

portions of lands so withdrawn or reserved which the Secretary of the Interior, with the concurrence of the Administrator of General Services, determines are not suitable for return to the public domain for disposition under the general public land laws because such lands are substantially changed in character by improvement or otherwise; and records of the Federal Government. To provide the necessary management and accounting control, property is identified by categories set forth as follows:

(5 U.S.C. 301, 40 U.S.C. 486(c))

Effective date. This regulation is effective on March 1, 1973.

Dated: February 13, 1973.

N. B. Houston,
Deputy Assistant Secretary
for Administration.

[FR Doc.73-3178 Filed 2-28-73; 8:45 am]

Title 43—Public Lands: Interior
CHAPTER II—BUREAU OF LAND
MANAGEMENT

APPENDIX—PUBLIC LAND ORDERS

[Public Land Order 5331]

[Arizona 6208]

ARIZONA

Withdrawal for Post Office Site

By virtue of the authority vested in the President and pursuant to Executive Order No. 10355 of May 26, 1952 (17 FR 4831), it is ordered as follows:

1. Subject to valid existing rights, and the provisions of existing withdrawals, the following described public lands, which are under the jurisdiction of the Secretary of the Interior, are hereby withdrawn from all forms of appropriation under the public land laws, including the mining laws, 30 U.S.C. chapter 2, but not from leasing under the mineral leasing laws, for a post office site for the United States postal Service:

GILA AND SALT RIVER MERIDIAN, ARIZ.

T. 20 N., R. 22 W.,
Sec. 29, the North 140 feet of the East
240 feet of the West 290 feet of the
S $\frac{1}{2}$ NW $\frac{1}{4}$.

The area described contains .77 acre in Mohave County.

2. The withdrawal made by this order does not alter the applicability of the public land laws governing the use of the lands under lease, license, or permit, or governing the disposal of their mineral or vegetative resources other than under the mining laws. However, leases, licenses, or permits will be issued only if the U.S. Postal Service finds that the proposed use of the lands will not interfere with the proper operation of its facilities on the lands. The lands are also subject to the withdrawal for reclamation purposes made by the Secretary's Order of October 16, 1931.

NATHANIEL P. REED,
Assistant Secretary of the Interior.

FEBRUARY 22, 1973.

[FR Doc.73-3842 Filed 2-28-73; 8:45 am]

Title 46—Shipping

CHAPTER II—MARITIME ADMINISTRATION, DEPARTMENT OF COMMERCE

SUBCHAPTER C—REGULATIONS AFFECTING SUBSIDIZED VESSELS AND OPERATORS

[General Order 24, 3d Rev., Amdt. 3]

PART 284—VALUATION OF VESSELS FOR DETERMINING CAPITAL EMPLOYED AND NET EARNINGS UNDER OPERATING-DIFFERENTIAL SUBSIDY AGREEMENTS

Residual Value of Vessels; Depreciation Adjustments

On February 2, 1972, the U.S. District Court for the District of Columbia, in *American Mail Line Ltd. v. Stans*, Civil No. 1824-70, held that previous amendments to this part which increased the residual value of vessels from 2.5 percent to 17 percent were null and void because the 17-percent figure was based on "salvage (resale)" value, not scrap value as mandated by sections 606 and 607 of the Merchant Marine Act, 1936, as amended, as those sections existed prior to their amendment by the Merchant Marine Act of 1970.

On March 25, 1972 (37 FR 6207), the Maritime Administration and the Maritime Subsidy Board invited comments on methods of determining scrap value. In addition to the comments received, a study of scrap value was undertaken by the Maritime Administration.

Paramount to fixing scrap values for vessels is a definition of the term "scrap value." Based upon the comments and the Maritime Administration study, "scrap value" is defined as "the value, if any, of a vessel when disposed of because of having reached the end of its economic productive life as a vessel."

Based upon this definition, a fixed scrap value of 2.5 percent of original domestic shipyard construction price is adopted for purposes of this part. The percentage was calculated by applying the average scrap price per light displacement ton (LDT) for the 10-year period 1963-72 to the original domestic shipyard construction cost of vessel on which construction-differential subsidy has been paid for the period 1967-72. Because the scrap market can and does fluctuate widely, the long-term average tends to be more accurate for predicting future events. The calculations show that the 2.5-percent figure is reasonable.

While the court's order is retroactive to May 22, 1970 (the date on which the 17-percent figure was adopted), the court recognized the hardship which would result if operators had to recalculate depreciation based on a new residual value. The court, therefore, ordered that operators could elect to recalculate for the period or not.

Therefore, amendments 1 and 2 to this part are repealed as though they never existed. Part 284, Title 46, Chapter II, Code of Federal Regulations is amended as follows:

§ 284.2 [Amended]

1. By deleting, in its entirety, clause (ii) of § 284.2(f)(1) as though it had never existed;

2. By adding to § 284.2(f)(1), after the words "the residual value of such vessel," the words "which means the scrap value of such vessel,"; and

3. By adding a new § 284.3 to read as follows:

§ 284.3 Depreciation deposits for calendar years 1969, 1970, and 1971.

In the event any subsidized operator deposited depreciation for calendar years 1969, 1970, and 1971 calculated on the basis of amendments to § 284.2(f)(1) whereby the residual value of vessels was established as 17 percent of original construction cost, such subsidized operator shall not be required to make further deposits of depreciation upon the revocation and repealer of said amendments. Such subsidized operator may, however, elect to make further deposits for all of such calendar years. If an election is made, the maximum deposit for those years shall not exceed that calculated on the basis of a residual value deemed to be 2.5 percent as provided in § 284.2(f)(1).

Effective date. This amendment shall be effective March 1, 1973.

(Sec. 204, 49 Stat. 1987, as amended; 46 U.S.C. 1114, sec. 607, 66 Stat. 764, as amended; 46 U.S.C. 1177)

Dated: February 26, 1973.

By order of the Assistant Secretary of Commerce for Maritime Affairs and the Maritime Subsidy Board.

JAMES S. DAWSON, JR.,
Secretary, Maritime Subsidy
Board, Maritime Administration.

[FR Doc.73-3933 Filed 2-28-73; 8:45 am]

Title 50—Wildlife and Fisheries

CHAPTER I—BUREAU OF SPORT FISHERIES AND WILDLIFE, FISH AND WILDLIFE SERVICE, DEPARTMENT OF THE INTERIOR

PART 33—SPORT FISHING

Blackwater National Wildlife Refuge, Md.

The following special regulation is issued and is effective during the period April 1, 1973 through September 30, 1973.

§ 33.5 Special regulations; sport fishing; for individual wildlife refuge areas.

MARYLAND

BLACKWATER NATIONAL WILDLIFE REFUGE

Sport fishing and crabbing on the Blackwater National Wildlife Refuge, Cambridge, Md., is permitted only on those areas designated by signs as open to fishing. These open areas, comprising approximately 2,700 acres, are delineated on a map available at the refuge headquarters and from the Regional Director, Bureau of Sport Fisheries and Wildlife, U.S. Post Office and Courthouse, Boston, Mass. 02109. Sport fishing and crabbing shall be in accordance with all applicable State regulations except for the following special conditions.

(1) Season: April 1-September 30, Daylight hours only.

(2) Boat launching from refuge lands prohibited.

(3) All fish and crab lines must be attended. No set tackle may be used.

(4) Use of airboats prohibited.

The provisions of this special regulation supplement the regulations which govern sport fishing on wildlife refuge areas generally, which are set forth in Title 50, Code of Federal Regulations, Part 33, and are effective through September 30, 1973.

RICHARD E. GRIFFITH,
Regional Director, Bureau of
Sport Fisheries and Wildlife.

FEBRUARY 20, 1973.

[FR Doc.73-3844 Filed 2-28-73;8:45 am]

Title 7—Agriculture

CHAPTER IX—AGRICULTURAL MARKETING SERVICE (MARKETING AGREEMENTS AND ORDERS; FRUITS, VEGETABLES, NUTS), DEPARTMENT OF AGRICULTURE

[Navel Orange Regulation 290]

PART 907—NAVEL ORANGES GROWN IN ARIZONA AND DESIGNATED PART OF CALIFORNIA

Limitation of Handling

This regulation fixes the quantity of California-Arizona Navel oranges that may be shipped to fresh market during the weekly regulation period March 2-March 8, 1973. It is issued pursuant to the Agricultural Marketing Agreement Act of 1937, as amended; and Marketing Order No. 907. The quantity of Navel oranges so fixed was arrived at after consideration of the total available supply of Navel oranges, the quantity currently available for market, the fresh market demand for Navel oranges, Navel orange prices, and the relationship of season average returns to the parity price for Navel oranges.

§ 907.590 Navel Orange Regulation 290.

(a) *Findings.* (1) Pursuant to the marketing agreement, as amended, and Order No. 907, as amended (7 CFR Part 907), regulating the handling of Navel oranges grown in Arizona and designated part of California, effective under the applicable provisions of the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601-674), and upon the basis of the recommendations and information submitted by the Navel Orange Administrative Committee, established under the said amended marketing agreement and order, and upon other available information, it is hereby found that the limitation of handling of such Navel oranges, as hereinafter provided, will tend to effectuate the declared policy of the act.

(2) The need for this section to limit the respective quantities of Navel oranges that may be marketed from District 1, District 2, and District 3 during the ensuing week stems from the production and marketing situation confronting the Navel orange industry.

(1) The committee has submitted its recommendation with respect to the quantities of Navel oranges that should

be marketed during the next succeeding week. Such recommendation, designed to provide equity of marketing opportunity to handlers in all districts, resulted from consideration of the factors enumerated in the order. The committee further reports that the fresh market demand for Navel oranges continues to be active this week, with prices slightly higher than a week ago. Prices f.o.b. average \$3.56 a carton on a reported sales volume of 902 cartons last week, compared with an average f.o.b. price of \$3.55 per carton and sales of 1,005 cartons a week earlier. Track and rolling supplies at 326 cars were down 39 cars from last week.

(ii) Having considered the recommendation and information submitted by the committee, and other available information, the Secretary finds that the respective quantities of Navel oranges which may be handled should be fixed as hereinafter set forth.

(3) It is hereby further found that it is impracticable and contrary to the public interest to give preliminary notice, engage in public rule-making procedure, and postpone the effective date of this section until 30 days after publication hereof in the FEDERAL REGISTER (5 U.S.C. 553) because the time intervening between the date when information upon which this section is based became available and the time this section must become effective in order to effectuate the declared policy of the act is insufficient, and a reasonable time is permitted, under the circumstances, for preparation for such effective time; and good cause exists for making the provisions hereof effective as hereinafter set forth. The committee held an open meeting during the current week, after giving due notice thereof, to consider supply and market conditions for Navel oranges and the need for regulation; interested persons were afforded an opportunity to submit information and views at this meeting; the recommendation and supporting information for regulation, including its effective time, are identical with the aforesaid recommendation of the committee, and information concerning such provisions and effective time has been disseminated among handlers of such Navel oranges; it is necessary, in order to effectuate the declared policy of the act, to make this section effective during the period herein specified; and compliance with this section will not require any special preparation on the part of persons subject hereto which cannot be completed on or before the effective date hereof. Such committee meeting was held on February 27, 1973.

(b) *Order.* (1) The respective quantities of Navel oranges grown in Arizona and designated part of California which may be handled during the period March 2, 1973, through March 8, 1973, are hereby fixed as follows:

(i) District 1: 960,551 cartons;

(ii) District 2: 300,000 cartons;

(iii) District 3: Unlimited movement."

(2) As used in this section, "handled," "District 1," "District 2," "District 3,"

and "carton" have the same meaning as when used in said amended marketing agreement and order.

(Secs. 1-19, 48 Stat. 31, as amended; 7 U.S.C. 601-674)

Dated: February 28, 1973.

PAUL A. NICHOLSON,
Acting Director, Fruit and
Vegetable Division, Agricultural
Marketing Service.

[FR Doc.73-4081 Filed 2-28-73;11:59 am]

[Valencia Orange Reg. 419]

PART 908—VALENCIA ORANGES GROWN IN ARIZONA AND DESIGNATED PART OF CALIFORNIA

Limitation of Handling

This regulation fixes the quantity of California-Arizona Valencia oranges that may be shipped to fresh market during the weekly regulation period March 2-March 8, 1973. It is issued pursuant to the Agricultural Marketing Agreement Act of 1937, as amended, and Marketing Order No. 908. The quantity of Valencia oranges so fixed was arrived at after consideration of the total available supply of Valencia oranges, the quantity of Valencia oranges currently available for market, the fresh market demand for Valencia oranges, Valencia orange prices, and the relationship of season average returns to the parity price for Valencia oranges.

§ 908.719 Valencia Orange Regulation 419.

(a) *Findings.* (1) Pursuant to the marketing agreement, as amended, and Order No. 908, as amended (7 CFR Part 908), regulating the handling of Valencia oranges grown in Arizona and designated part of California, effective under the applicable provisions of the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601-674), and upon the basis of the recommendations and information submitted by the Valencia Orange Administrative Committee, established under the said amended marketing agreement and order, and upon other available information, it is hereby found that the limitation of handling of such Valencia oranges, as hereinafter provided, will tend to effectuate the declared policy of the act.

(2) The need for this section to limit the respective quantities of Valencia oranges that may be marketed from District 1, District 2, and District 3 during the ensuing week stems from the production and marketing situation confronting the Valencia orange industry.

(1) The committee has submitted its recommendation with respect to the quantities of Valencia oranges that should be marketed during the next succeeding week. Such recommendation, designed to provide equity of marketing opportunity to handlers in all districts, resulted from consideration of the factors enumerated in the order. Prices at auction have averaged \$3.16 per carton for the season to date.

(ii) Having considered the recommendation and information submitted by the committee, and other information, the Secretary finds that the respective quantities of Valencia oranges which may be handled should be fixed as hereinafter set forth.

(3) It is hereby further found that it is impracticable and contrary to the public interest to give preliminary notice, engage in public rule-making procedure, and postpone the effective date of this regulation until 30 days after publication hereof in the FEDERAL REGISTER (5 U.S.C. 553) because the time intervening between the date when information upon which this section is based became available and the time when this section must become effective in order to effectuate the declared policy of the act is insufficient, and a reasonable time is permitted, under the circumstances, for preparation for such effective time; and good cause exists for making the provisions hereof effective as hereinafter

set forth. The committee held an open meeting during the current week, after giving due notice thereof, to consider supply and market conditions for Valencia oranges and the need for regulation; interested persons were afforded an opportunity to submit information and views at this meeting; the recommendation and supporting information for regulation during the period specified herein were promptly submitted to the Department after such meeting was held; the provisions of this section, including its effective time, are identical with the aforesaid recommendation of the committee, and information concerning such provisions and effective time has been disseminated among handlers of such Valencia oranges; it is necessary, in order to effectuate the declared policy of the act, to make this section effective during the period herein specified; and compliance with this section will not require any special preparation on the part of persons subject hereto which cannot be completed on or before the effective

date hereof. Such committee meeting was held on February 27, 1973.

(b) *Order.* (1) The respective quantities of Valencia oranges grown in Arizona and designated part of California which may be handled during the period March 2, 1973, through March 8, 1973, are hereby fixed as follows:

- (i) District 1: Unlimited;
- (ii) District 2: Unlimited;
- (iii) District 3: 150,604 Cartons."

(2) As used in this section, "handled", "District 1", "District 2", "District 3", and "carton" have the same meaning as when used in said amended marketing agreement and order.

(Secs. 1-19, 48 Stat. 31, as amended; 7 U.S.C. 601-674)

Dated: February 28, 1973.

PAUL A. NICHOLSON,
Acting Director, Fruit and Vegetable Division, Agricultural Marketing Service.

[FR Doc. 73-4080 Filed 2-28-73; 11:59 am]

Proposed Rule Making

This section of the FEDERAL REGISTER contains notices to the public of the proposed issuance of rules and regulations. The purpose of these notices is to give interested persons an opportunity to participate in the rule making prior to the adoption of the final rules.

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

[14 CFR Part 71]

[Airspace Docket No. 72-NW-17]

TRANSITION AREA

Proposed Alteration

The Federal Aviation Administration (FAA) is considering an amendment to Part 71 of the Federal Aviation Regulations that would alter the description of the Astoria, Oreg., transition area.

Interested persons may participate in the proposed rule making by submitting such written data, views, or arguments as they may desire. Communications should identify the airspace docket number and be submitted in triplicate to the Director, Northwest Region, Attention: Chief, Air Traffic Division, Federal Aviation Administration, FAA Building, Boeing Field, Seattle, Wash. 98108. All communications received on or before March 2, 1973 will be considered before action is taken on the proposed amendment. The proposal contained in this notice may be changed in the light of comments received.

An official docket will be available for examination by interested persons at the Federal Aviation Administration, Office of the General Counsel, Attention: Rules Docket, 800 Independence Avenue SW., Washington, DC 20591. An informal docket also will be available for examination at the office of the Regional Air Traffic Division Chief.

As part of this proposal relates to the navigable airspace outside the United States, this notice is submitted in consonance with the ICAO International Standards and Recommended Practices.

Applicability of International Standards and Recommended Practices by the Air Traffic Service, FAA, in areas outside domestic airspace of the United States is governed by Article 12 of and Annex 11 to the Convention on International Civil Aviation, which pertain to the establishment of air navigation facilities and services necessary to promoting the safe, orderly and expeditious flow of civil air traffic. Their purpose is to insure that civil flying on international air routes is carried out under uniform conditions designed to improve the safety and efficiency of air operations.

The International Standards and Recommended Practices in Annex 11 apply in those parts of the airspace under the jurisdiction of a contracting state, derived from ICAO, wherein air traffic services are provided and also whenever a contracting state accepts the responsi-

bility of providing air traffic services over high seas or in airspace of undetermined sovereignty. A contracting state accepting such responsibility may apply the International Standards and Recommended Practices to civil aircraft in a manner consistent with that adopted for airspace under its domestic jurisdiction.

In accordance with Article 3 of the Convention on International Civil Aviation, Chicago, 1944, state aircraft are exempt from the provisions of Annex 11 and its Standards and Recommended Practices.

As a contracting state, the United States agreed by Article 3(d) that its state aircraft will be operated in international airspace with due regard for the safety of civil aircraft.

Since this action involves, in part, the designation of navigable airspace outside the United States, the Administrator has consulted with the Secretary of State and the Secretary of Defense in accordance with the provisions of Executive Order 10854.

The airspace action proposed in this docket would extend the 700-foot portion of the Astoria, Oreg., transition area to a point 18.5 miles west of the Astoria VOR. The area's boundaries would be 4.5 miles north and 9.5 miles south of the Astoria VOR 268° T (247° M) radial beginning at the western edge of V-27.

This alteration is required to provide controlled airspace for the procedure turn area for the VOR Runway 7 approach procedure that has been developed for Clatsop County Airport, Astoria, Oreg.

(Secs. 307(a) and 1110, Federal Aviation Act of 1958, 49 U.S.C. 1348(a) and 1510; E.O. 10854 (24 FR 9565); sec. 6(c), Department of Transportation Act (49 U.S.C. 1655(c))

Issued in Washington, D.C., on February 22, 1973.

CHARLES H. NEWPOL,
Acting Chief, Airspace
and Air Traffic Rules Division.

[FR Doc. 73-3758 Filed 2-28-73; 8:45 am]

[14 CFR Part 71]

[Airspace Docket No. 72-SO-105]

CONTROL ZONE AND TRANSITION AREA

Proposed Alteration

The Federal Aviation Administration (FAA) is considering amendments to Part 71 of the Federal Aviation Regulations that would alter the Key West, Fla., control zone and transition area.

Interested persons may participate in the proposed rule making by submitting

such written data, views, or arguments as they may desire. Communications should identify the airspace docket number and be submitted in triplicate to the Director, Southern Region, Attention: Chief, Air Traffic Division, Federal Aviation Administration, Post Office Box 20636, Atlanta, GA 30320. All communications received on or before March 2, 1973, will be considered before action is taken on the proposed amendments. The proposals contained in this notice may be changed in the light of comments received.

An official docket will be available for examination by interested persons at the Federal Aviation Administration, Office of the General Counsel, Attention: Rules Docket, 800 Independence Avenue SW., Washington, DC 20591. An informal docket also will be available for examination at the office of the Regional Air Traffic Division Chief.

As parts of these proposals relate to the navigable airspace outside the United States, this notice is submitted in consonance with the ICAO International Standards and Recommended Practices.

Applicability of International Standards and Recommended Practices by the Air Traffic Service, FAA, in areas outside domestic airspace of the United States is governed by Article 12 of and Annex 11 to the Convention on International Civil Aviation, which pertain to the establishment of air navigation facilities and services necessary to promoting the safe, orderly, and expeditious flow of civil air traffic. Their purpose is to insure that civil flying on international air routes is carried out under uniform conditions designed to improve the safety and efficiency of air operations.

The International Standards and Recommended Practices in Annex 11 apply in those parts of the airspace under the jurisdiction of a contracting state, derived from ICAO, wherein air traffic services are provided and also whenever a contracting state accepts the responsibility of providing air traffic services over high seas or in airspace of undetermined sovereignty. A contracting state accepting such responsibility may apply the International Standards and Recommended Practices to civil aircraft in a manner consistent with that adopted for airspace under its domestic jurisdiction.

In accordance with Article 3 of the Convention on International Civil Aviation, Chicago, 1944, state aircraft are exempt from the provisions of Annex 11 and its Standards and Recommended Practices. As a contracting state, the United States agreed by Article 3(d) that

its state aircraft will be operated in international airspace with due regard for the safety of civil aircraft.

Since these actions involve, in part, the designation of navigable airspace outside the United States, the Administrator has consulted with the Secretary of State and the Secretary of Defense in accordance with the provisions of Executive Order 10854.

The proposed airspace actions are necessary to contain instrument approach procedures in accordance with terminal instrument procedures (TERP's) criteria.

If these actions are taken the Key West, Fla., control zone and transition area would be amended as follows:

1. Key West, Fla., control zone:

Within a 5-mile radius of Key West International Airport (lat. 24°33'32" N., long. 81°45'35" W.); within 3 miles each side of the 268° bearing from Fish Hook RBN, extending from the 5-mile-radius zone to 8.5 miles west of the RBN; within 4 miles each side of Key West VORTAC 309° radial, extending from the 5-mile-radius zone to 8.5 miles northwest of the VORTAC; within a 5-mile radius of Key West NAS (Boca Chica) (lat. 24°34'30" N., long. 81°41'15" W.); within 3.5 miles each side of the 251° bearing from Key West NAS UHF RBN, extending from the 5-mile-radius zone to 10.5 miles west of the RBN.

2. Key West, Fla., transition area:

That airspace extending upward from 700 feet above the surface within an 8.5-mile

radius of Key West International Airport (lat. 24°33'32" N., long. 81°45'35" W.); within 4 miles each side of Key West VORTAC 309° radial, extending from the 8.5-mile-radius area to 9.5 miles northwest of the VORTAC; within an 8.5-mile radius of Key West NAS (Boca Chica) (lat. 24°34'30" N., long. 81°41'15" W.).

(Secs. 307(a) and 1110, Federal Aviation Act of 1958, 49 U.S.C. 1348(a) and 1510; E.O. 10854 (24 FR 9565); sec. 6(c), Department of Transportation Act, 49 U.S.C. 1655(c))

Issued in Washington, D.C., on February 22, 1973.

H. B. HELSTROM,
Chief, Airspace and Air
Traffic Rules Division.

[FR Doc.73-3759 Filed 2-28-73;8:45 am]

Notices

This section of the FEDERAL REGISTER contains documents other than rules or proposed rules that are applicable to the public. Notices of hearings and investigations, committee meetings, agency decisions and rulings, delegations of authority, filing of petitions and applications and agency statements of organization and functions are examples of documents appearing in this section.

DEPARTMENT OF THE TREASURY

Internal Revenue Service

[Order No. 127]

REGIONAL COMMISSIONERS ET AL.

Delegation of Authority Regarding Extension of Time for Making Certain Elections With Respect to Casualty Losses

1. By virtue of the authority granted to the Commissioner of Internal Revenue under 26 CFR 1.9100, with respect to granting extensions of time for making certain elections, there is hereby delegated to each Regional Commissioner, District Director and Service Center Director, the authority to grant reasonable extensions of time (not to exceed a total of 180 days) for changing an election made under section 165(h) of the Internal Revenue Code of 1954 and 26 CFR 1.165-11(e) beyond the date that such election becomes or became irrevocable. This date is the later of (1) 90 days after the date on which the election was made, or (2) March 6, 1973, which is 90 days after the date the final regulations under section 165(h) were published.

2. When appropriate, each Regional Commissioner or District Director may exercise this authority by granting a single extension of time covering a group of taxpayers similarly situated.

3. This authority may not be redelegated.

Date of issue and effective date: February 23, 1973.

[SEAL] **JOHNNIE M. WALTERS,**
Commissioner.

[FR Doc. 73-3841 Filed 2-28-73; 8:45 am]

DEPARTMENT OF DEFENSE

Department of the Army

U.S. ARMY AVIATION SYSTEMS COMMAND

Notice of Meeting

In accordance with section 10(a)(2) of the Federal Advisory Committee Act (Public Law 92-463), announcement is made of the following Committee meeting:

The U.S. Army Aviation Systems Command (AVSCOM), will conduct a meeting of the Scientific Advisory Group for Aviation Systems (SAGAS), at 1300 hours, March 1, 1973. The meeting will be held at AVSCOM, St. Louis, Mo. The meeting will consist of a swearing-in ceremony for the members of the group and an executive session discussing classified defense information. The meeting will not be open to the public.

Any additional information concerning the meeting may be obtained from Mr. B. Thomas Horace, Executive Secretary, SAGAS, Autovon 698-3821.

E. W. GANNON,
Lieutenant Colonel, U.S. Army,
Chief, Plans Office, TAGO.

FEBRUARY 23, 1973.

[FR Doc. 73-3953 Filed 2-28-73; 8:45 am]

DEPARTMENT OF THE INTERIOR

Bureau of Land Management

IDAHO STATE MULTIPLE USE ADVISORY BOARD

Notice of Meeting

Notice is hereby given that the Bureau of Land Management Idaho State Multiple Use Advisory Board will meet at 9:30 a.m. on March 13, 1973, at the Owyhee Plaza Motel, 11th and Main Streets, Boise, Idaho. Prior to this meeting at 8 a.m. the Bureau of Land Management District Wildlife Representatives for Idaho will meet for 1½ hours.

The agenda will include discussions of the State land selection program, the moratorium on land cases in Idaho, wild horse regulations, maintenance and contribution policy, and off-road vehicles.

The meeting will be open to the public insofar as seating is available. Time will be available for brief statements from members of the public but those wishing to make an oral statement must inform the chairman in writing prior to the meeting. Interested persons may file a written statement with the board for its consideration. They should be sent to Chairman, State Advisory Board, % State Director, Bureau of Land Management, Idaho State Office, Federal Building, Post Office Box 042, 550 West Fort Street, Boise, ID 83702.

WILLIAM L. MATHEWS,
State Director.

[FR Doc. 73-3778 Filed 2-28-73; 8:45 am]

[OR 9605]

OREGON

Notice of Proposed Withdrawal and Reservation of Lands

FEBRUARY 20, 1973.

The Department of Agriculture, on behalf of the Forest Service, has filed application, OR 9605, for the withdrawal of National Forest land described below, from nonmetalliferous location and entry under the mining laws only (30 U.S.C., Ch. 2), but not from leasing

under the mineral leasing laws, subject to valid existing rights.

The applicant desires the land for use as a unique geological area.

All persons who wish to submit comments, suggestions, or objections in connection with the proposed withdrawal may present their views in writing, no later than March 28, 1973, to the undersigned officer of the Bureau of Land Management, Department of the Interior, Post Office Box 2965 (729 NE Oregon Street), Portland, OR 97208.

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 land and its 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 land for purposes other than the applicant's, to eliminate land needed for purposes more essential than the applicant's, and to reach agreement on the concurrent management of the land and its resources.

He will also prepare a report for consideration by the Secretary of the Interior who will determine whether or not the land will be withdrawn as requested by the applicant agency.

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 land involved in the application is:

DESCHUTES AND WILLAMETTE NATIONAL FORESTS

ROCK MESA, THREE SISTERS WILDERNESS

Willamette Meridian, Oregon

T. 17 S., R. 8 E.,

Sec. 28, W½;

Sec. 29, all;

Sec. 30, E½;

Sec. 31, NE¼;

Sec. 32, all;

Sec. 33, W½.

The area described contains 1,063 acres in Deschutes County, Ore., in the Deschutes National Forest and 1,337 acres in Lane County, Ore., in the Willamette National Forest, or a total of 2,400 acres.

IRVING W. ANDERSON,
Chief, Branch of Lands
and Minerals Operations.

[FR Doc. 73-3845 Filed 2-28-73; 8:45 am]

Office of Hearings and Appeals

(Appeal No. IBMA 72-6)

GATEWAY COAL CO.

Amended Petition for Modification of Application of Mandatory Safety Standards

Notice is hereby given of an amended petition of Gateway Coal Co. for modification of the application of mandatory safety standards, stipulation of parties, and intention of Board of Mine Operations Appeals to act on petition.

In accordance with section 301(c) of the Federal Coal Mine Health and Safety Act of 1969, 30 U.S.C. section 861(c) (1970), there was published in the FEDERAL REGISTER, on October 21, 1970, 35 FR 16420, notice of a petition filed by Gateway Coal Co. (Jones & Laughlin Steel Corp) for modification of application of mandatory safety standards. The notice stated that Gateway Coal Co. was seeking modification of the application of section 311 of the Act, 30 U.S.C. section 871 (1970), as implemented by 30 CFR 75.1100-2(b), 35 FR 5247.

Subsequently, Gateway amended the petition seeking modification of the application of additional standards under section 311 of the Act to encompass the fire detection and suppression systems on the entire belt conveyor in Gateway Mine. Gateway alleged that " * * * the fire protection at Gateway Coal Mine in its entirety is equal to or greater than the standards required under the Act and Regulations." An evidentiary hearing on the amended petition was held, and the hearing officer issued a decision on October 15, 1971, denying the amended petition. Gateway Coal Co. appealed such decision to the Board of Mine Operations Appeals pursuant to 43 CFR 4.600. The representative of miners, United Mine Workers of America, did not participate in the appeal.

While the appeal was pending, Gateway Coal Co. and the appellee, the U.S. Bureau of Mines, entered into the following stipulation:

In re: appeal of Gateway Coal Co., Gateway Mine, 301(c), petition for modification of mandatory safety standards of Section 311, Dockets Nos. PITT 71-51 and PITT 71-210, Petitioner.

STIPULATIONS OF FACT

1. Gateway Mine is located in the Pittsburgh seam in Greene County, Pa. Coal is conveyed along approximately twenty (20) miles of belt from the working places to the tippie.
2. The main and face belts (hereinafter referred to as "belt") were placed in operation in April 1963, and has [sic] carried more than 20 million tons of coal.
3. The belt is a U.S. Bureau of Mines approved neoprene flame resistant belt.
4. The belt is a transit aligned, roof suspended belt with the head and tail pieces set firmly in concrete to prevent movement and minimize friction at the head and tail pieces.
5. Belt supports are A-frames which are set on approximately 970 foot centers.
6. The belt is driven by electrical motors. The electrical equipment controlling these drives is enclosed in noncombustible structures.

7. An underground storage bin receives coal from a coal crusher. Feeders located at the bottom of the storage bin permit an even flow of coal to be carried on the belt from the bin to the tippie.

8. Oversized idlers at the head and tail pieces and take-up drives with the attendant oversized shafts and bearings reduce possible friction at the drives.

9. The belt flights are set in sequence and when one belt flight stops all inby belts automatically stop.

10. The belt has been aligned with no or minimum of canting to assure training thereby minimizing friction.

11. Heavy duty loading and troughing idlers are installed so that they rotate slower than regular sized idlers.

12. The belt has specially designed reactor starting circuitry rather than a point contractor [sic] type starter. This minimizes slippage and will permit smooth starts thereby minimizing heat at the drive.

13. The belt system has the following devices which will automatically shut down or indicate impending trouble: Slip switches; belt drift at the head and tail pieces; belt pierce switch; a chute plug; a motor heat; a thermal magnetic overload switch in the motor; a belt slippage switch and a motor-bearing temperature increase.

14. Signal lights monitoring these devices are displayed on a panel which is viewed by the TV cameras.

15. The transfer points on the main belt are monitored on a closed circuit TV system.

16. The TV system is viewed by a trained man in a control room who can stop the entire belt by use of a switch.

17. The belt will not be operated unless the TV system is in operation or in cases of an emergency where a TV camera is not functioning, a man with suitable communication to the control room operation will be located at such drive or transfer point in lieu of the TV camera until the TV camera is repaired.

18. After the belt drive system is stopped following a production shift each belt drive area will be (a) visually inspected for fire within 4 hours after shutdown or (b) the operator will be attending the television detection control panel system for a 4-hour period following shutdown or (c) any equivalent system approved by the Bureau.

19. The stopping of the belt creates a silence in the mine which serves as an "audible" warning system to men in the mine.

20. A communications system is installed and maintained so that suitable communication is maintained with miners.

21. Water is put on the belt primarily for dust control but it does also create a wet belt.

22. Firefighting equipment is located so that miners can transport it and attack a fire at an affected belt drive within fifteen (15) minutes after being notified of a fire.

23. The mine has a large source of water available from a large dam which is fed by a stream. City water is also fed into the mine. The main water lines are located in the haulage ways with water tapoff lines leading directly to the belt drives.

24. Firehoses capable of delivering a minimum of 50 gallons of water per minute at 50 p.s.i. to the belt drive equipment will be provided within sixty (60) days of date of order of the board or as further extended by the Bureau of Mines.

25. The fireplugs have constant water to the valves and are tested at regular intervals.

26. At least 500 feet of hose will be at each belt drive.

27. The ventilation system will be maintained so that persons fighting fires will be able to travel and operate in intake air during fire control activities.

28. There are four specially equipped fire trains strategically located within the mine so that at least two and possible [sic] four trains can approach a fire in intake air.

29. A locomotive is attached to each fire train. The locomotives are tested weekly.

30. The fire trains consist of the following: a car with approximately 8 tons of rock-dust; a car with various brattice, fire extinguisher, tools, etc.; a water tank with a 1,200 gallon capacity and high pressure pump capable of delivering 50 gallons of water at 50 p.s.i. A special foam generator equipment [sic] is available.

31. High pressure rock-dusting machines with attached hose are available in the working areas of the mine and can be transported to any fire location.

32. At least one portable ABC dry chemical fire extinguisher is located at every belt drive.

33. There is a [sic] more than the required of 240 pounds of rock-dust located at each belt drive.

34. There are two completely equipped well-trained mine rescue teams of 16 people within the Jones & Laughlin Steel Corp. mine complex in this area, of which Gateway Mine is a part, who train at least 1 day each month.

35. All assistant mine foremen are trained in the use of fire suppression equipment.

36. There is a planned, well-publicized, and posted procedure for methods of fighting fires and specific lines of authority to direct the fighting of a fire.

37. There are several fire companies located within five (5) miles of the mine and their equipment is available.

38. The mine is located in an area with seven or eight other mines and equipment and well-trained men from these mines are available to fight fires.

39. Ventilation doors are installed to control the air flow over the belt drives in case of a fire.

40. Power is sectionalized so that it can be cut off in any area of the mine and still permit fire trains to get to the fire location.

41. The men in the mine walk section escapeways once a month.

42. Gateway Mine was used as an example of an excellent fire fighting program by the U.S. Bureau of Mines in a recent publication No. 8631.

43. The United Mine Workers of America did not appear at the hearing to object to this petition for modification.

44. This agreement applies only to the Gateway Mine of Gateway Coal Co. This agreement shall continue in effect until such time as the management of Gateway Mine determines in its discretion that it shall no longer operate in whole or in part in accordance with the terms of this stipulation and modification order and that it will, instead, operate in accordance with section 311 of the Act and the impending regulations. In the event that the management of Gateway Mine makes this determination, a 30-day prior written notice shall be given to the Bureau.

45. The Gateway Mine will at all times comply with these conditions as set forth in this stipulation of facts.

CONCLUSION OF LAW

The belt system at the Gateway Mine as set forth in the stipulation of facts is an acceptable alternate method of achieving the results of the mandatory safety standards of section 311 of the Federal Coal Mine

Health and Safety Act of 1969 which at all times guarantee no less than the same measure of protection afforded the miners in the Gateway Mine as the standards of in the Gateway Mine as the standards of section 311 and the implementing regulations.

Wherefore, the parties respectfully request the Board of Mines Operations Appeals to approve the Petitioner's 301(c) petition for modification as set forth in this stipulation.

Dated: December 13, 1972.

DANIEL R. MINNICK,
Gateway Coal Co.

Dated: December 11, 1972.

I. AVRUM FINGERET,
Attorney for U.S. Bureau of Mines.

Gateway is now specifically requesting modification of the application of the following mandatory standards:

30 CFR 75.1100-1(f): (1) Except as provided in subparagraph (2) of this paragraph, the fire hose shall be lined with a material having flame resistant qualities meeting requirements for hose in Bureau of Mines' Schedule 20. The cover shall be polyester, or other material with flame-spread qualities and mildew resistance equal or superior to polyester. The bursting pressure shall be at least four times the water pressure at the valve to the hose inlet with the valve closed; the maximum water pressure in the hose nozzle shall not exceed 100 p.s.i.g.

(2) Fire hose installed for use in underground coal mines prior to December 30, 1970, shall be mildew-proof and have a bursting pressure at least four times the water pressure at the valve to the hose inlet with the valve closed, and the maximum water pressure in the hose nozzle with water flowing shall not exceed 100 p.s.i.g.

Section 311 of the Act, 30 U.S.C. section 871(f) (1970): Deluge-type water sprays or foam generators automatically actuated by rise in temperature, or other no less effective means approved by the Secretary of controlling fire, shall be installed at main and secondary belt-conveyor drives. Where sprays or foam generators are used they shall supply a sufficient quantity of water or foam to control fires.

30 CFR 75.1101-1 *Deluge-type water spray systems.* (a) Deluge-type spray systems shall consist of open nozzles attached to branch lines. The branch lines shall be connected to a waterline through a control valve operated by a fire sensor. Actuation of the control valve shall cause water to flow into the branch lines and discharge from the nozzles.

(b) Nozzles attached to the branch lines shall be full cone, corrosion resistant and provided with blow-off dust covers. The spray application rate shall not be less than 0.25 gallon per minute per square foot of the top surface of the top belt and the discharge shall be directed at both the upper and bottom surfaces of the top belt and to the upper surface of the bottom belt.

§ 75.1101-2 *Installation of deluge-type sprays.* Deluge-type water spray systems shall provide protection for the belt drive and 50 feet of fire-resistant belt or 150 feet of non-fire-resistant belt adjacent to the belt drive.

§ 75.1101-3 *Water requirements.* Deluge-type water spray systems shall be attached to a water supply. Water so supplied shall be free of excessive sediment and noncorrosive to the system. Water pressure shall be maintained consistent with the pipe, fittings, valves, and nozzles at all times. Water systems shall include strainers with a flush-out connection and a manual shut-off valve. The water supply shall be adequate to provide flow for 10 minutes except that pressure tanks used a source of water supply shall be

of 1,000-gallon capacity for a fire-resistant belt and 3,000 gallons for a nonfire-resistant belt may be provided.

§ 75.1101-4 *Branch lines.* As a part of the deluge-type water spray system, two or more branch lines of nozzles shall be installed. The maximum distance between nozzles shall not exceed 8 feet.

§ 75.1101-5 *Installation of foam generator systems.* (a) Foam generator systems shall be located so as to discharge foam to the belt drive, belt take-up, electrical controls, gear reducing unit and the conveyor belt.

(b) Foam generator systems shall be equipped with a fire sensor which actuates the system, and each system shall be capable of producing and delivering the following amounts of foam within 5 minutes:

(1) At fire-resistant belt installations, an amount which will fully envelop the belt drive, belt take-up, electrical controls, gear reducing unit, and the conveyor belt over a distance of 50 feet; and,

(2) At nonfire-resistant belt installations, an amount which will fully envelop the belt drive, belt take-up, electrical controls, gear reducing unit, and the conveyor belt over a distance of 150 feet.

(c) The foam generator shall be equipped with a warning device designed to stop the belt drive when a fire occurs and all such warning devices shall be capable of giving both an audible and visual signal when actuated by fire.

(d) Water, power, and chemicals required shall be adequate to maintain water or foam flow for no less than 25 minutes.

(e) Water systems shall include strainers with a flush-out connection and a manual shut-off valve.

§ 75.1101-6 *Water sprinkler systems; general.* Water sprinkler systems may be installed to protect main and secondary belt-conveyor drives, however, where such systems are employed, they shall be installed and maintained in accordance with §§ 75.1101-7 through 75.1101-11.

§ 75.1101-7 *Installation of water sprinkler systems; requirements.* (a) The fire-control components of each water sprinkler system shall be installed, as far as practicable in accordance with the recommendations set forth in National Fire Protection Association 1968-69 edition, Code No. 13, "Installation of Sprinkler Systems" and such systems' components shall be of a type approved by the Underwriters' Laboratories, Inc., Factory Mutual Research Corp.

(b) Each sprinkler system shall provide protection for the motor drive belt take-up, electrical controls, gear reducing unit, and the 50 feet of fire-resistant belt, or 150 feet of nonfire-resistant belt adjacent to the belt drive.

(c) The components of each water sprinkler system shall be located so as to minimize the possibility of damage by roof fall or by the moving belt and its load.

§ 75.1101-8 *Water sprinkler systems; arrangement of sprinklers.* (a) At least one sprinkler shall be installed above each belt drive, belt take-up, electrical control, and gear-reducing unit, and individual sprinklers shall be installed at intervals of no more than 8 feet along all conveyor branch lines.

(b) Two or more branch lines, at least one of which shall be above the top belt and one between the top and bottom belt, shall be installed in each sprinkler system to provide a uniform discharge of water to the belt surface.

(c) The water discharge rate from the sprinkler system shall not be less than 0.25 gallon per minute per square foot of the top surface of the top belt and the discharge shall be directed at both the upper and bottom surfaces of the top belt and to the upper surface of the bottom belt. The supply of

water shall be adequate to provide a constant flow of water for 10 minutes with all sprinklers functioning.

(d) Each individual sprinkler shall be activated at a temperature of not less than 150° F. and not more than 300° F.

(e) Water systems shall include strainers with a flush-out connection and a manual shut-off valve.

§ 75.1101-9 *Back-up water system.* One fire hose outlet together with a length of hose capable of extending to the belt drive shall be provided within 300 feet of each belt drive.

§ 75.110-10 *Water sprinkler systems; fire warning devices at belt drives.* Each water sprinkler system shall be equipped with a device designed to stop the belt drive in the event of a rise in temperature and each such warning device shall be capable of giving both an audible and visual warning when a fire occurs.

§ 75.1101-11 *Inspection of water sprinkler systems.* Each water sprinkler system shall be examined weekly and a functional test of the complete system shall be conducted at least once each year.

§ 75.1101-12 *Equivalent dry-pipe system.* Where water sprinkler systems are installed to protect main and secondary belt conveyor drives and freezing temperatures prevail, an equivalent dry-pipe system may be installed.

§ 75.1101-13 *Dry powder chemical systems; general.* Self-contained dry powder chemical systems may be installed to protect main and secondary belt conveyor drives, however, where such systems are employed, they shall be installed and maintained in accordance with the provisions of §§ 75.1101-14 through 75.1101-22.

§ 75.1101-14 *Installation of dry powder chemical systems.* (a) Self-contained dry powder chemical systems shall be installed to protect each belt-drive, belt take-up, electrical-controls, gear reducing units and 50 feet of fire-resistant belt or 150 feet of non-fire-resistant belt adjacent to the belt drive.

(b) The fire-control components of each dry powder chemical system shall be a type approved by the Underwriters' Laboratories, Inc., or Factory Mutual Engineering Corp.

(c) The components of each dry powder chemical system shall be located so as to minimize the possibility of damage by roof fall or by the moving belt and its load.

§ 75.1101-15 *Construction of dry powder chemical systems.* (a) Each self-contained dry powder system shall be equipped with hose or pipe lines which are no longer than necessary.

(b) Metal piping and/or hose between control valves and nozzles shall have a minimum bursting pressure of 500 p.s.i.g.

(c) Hose shall be protected by wire braid or its equivalent.

(d) Nozzles and reservoirs shall be sufficient in number to provide maximum protection to each belt, belt take-up, electrical controls, and gear reducing unit.

(e) Each belt shall be protected on the top surface of both the top and bottom belts and the bottom surface of the top belt.

§ 75.1101-16 *Dry powder chemical systems; sensing and fire-suppression devices.* (a) Each self-contained dry powder chemical system shall be equipped with sensing devices which shall be designed to activate the fire-control system, sound an alarm and stop the conveyor drive motor in the event of a rise in temperature, and provision shall be made to minimize contamination of the lens of any optical sensing device installed in such system.

(b) Where sensors are operated from the same power source as the belt drive, each sensor shall be equipped with a standby power source which shall be capable of remaining operative for at least 4 hours after a power cutoff.

(c) Sensor systems shall include a warning indicator (or test circuit) which shows it is operative.

(d) Each fire-suppression system shall be equipped with a manually operated control valve which shall be independent of the sensor.

§ 75.1101-17 *Sealing of dry powder chemical systems.* Each dry powder chemical system shall be adequately sealed to protect all components of the system from moisture, dust, and dirt.

§ 75.1101-18 *Dry powder requirements.* Each dry powder chemical system shall contain the following minimum amounts of multipurpose dry powder:

	Dry powder, pounds
Belt:	
Fire resistant	125
Nonfire resistant	250

§ 75.1101-19 *Nozzles; flow rate and direction.* The nozzles of each dry powder chemical system shall be capable of discharging all powder within 1 minute after actuation of the system and such nozzles shall be directed so as to minimize the effect of ventilation upon fire control.

§ 75.1101-20 *Safeguards for dry powder chemical systems.* Adequate guards shall be provided along all belt conveyors in the vicinity of each dry powder chemical system to protect persons whose vision is restricted by a discharge of powder from the system. In addition, hand-rails shall be installed in such areas to provide assistance to those passing along the conveyor after a powder discharge.

§ 75.1101-21 *Back-up water system.* One fire hose outlet together with a length of hose capable of extending to the belt drive shall be provided within 300 feet of each belt drive.

§ 75.1101-22 *Inspection of dry powder chemical systems.* (a) Each dry powder chemical system shall be examined weekly and a functional test of the complete system shall be conducted at least once each year.

(b) Where the dry powder chemical system has been actuated, all components of the system shall be cleaned immediately by flushing all powder from pipes and hoses and all hose damaged by fire shall be replaced.

Section 311(g), 30 U.S.C. 871(g) (1970): Underground belt conveyors shall be equipped with slippage and sequence switches. The Secretary shall, within 60 days after the operative date of this title, require that devices be installed on all such belts which will give a warning automatically when a fire occurs on or near such belt. The Secretary shall prescribe a schedule for installing fire suppression devices on belt haulageways.

30 CFR 75.1103-1: *Automatic fire sensors.* A fire sensor system shall be installed on each underground belt conveyor. Sensors so installed shall be of a type which will (a) give warning automatically when a fire occurs on or near such belt; (b) provide both audible and visual signals that permit rapid location of the fire.

The alternative method of fire protection proposed by Gateway is the system of fire detection and suppression installed in Gateway Mine, with the addition of automatic fire suppressors on the butt belts, 500 feet of firehose capable of delivering 50 gallons of water per minute at 50 pounds per square inch nozzle pressure to each belt drive, and a man stationed at each belt drive or transfer point, if the television camera, which normally monitors the belt, malfunctions.

It is noted that the parties have not stipulated to Gateway's request for the modification of the application of 30 CFR 75.1100-1(f)(1) and 75.1100-1(f)(2). As an alternative to 30 CFR 75.1100-1(f)(1) and 75.1100-1(f)(2), Gateway proposes to install, in areas of the mine where the water pressure ex-

ceeds 150 pounds per square inch, firehoses with a bursting pressure of less than four times the pressure at the valve. Gateway alleges that hoses with a bursting pressure of 600 pounds per square inch will provide an adequate safety factor and that use of the firehose required by 30 CFR 75.1100-1(f) would diminish the safety of the miners because of the difficulty involved in handling the heavy firehoses that would be needed wherever the water pressure exceeds 150 pounds per square inch.

The Board feels that republication is warranted because the stipulation of the parties differs substantially from the petition for modification, notice of which was originally published October 21, 1970.

Parties who are interested in Gateway Coal Co.'s amended petition and the stipulation, and who desire to file comments or to request a hearing, should file such comments or request on or before April 2, 1973, with the Board of Mine Operations Appeals, Office of Hearings and Appeals, Ballston Tower No. 3, 4015 Wilson Boulevard, Arlington, VA 22203. In the absence of objection or necessity for further hearing, the Board proposes to render a decision based upon the above stipulation and the record. Copies of the record, the petition, amendment, and stipulation are available for inspection at the Board's offices at the above address.

JAMES M. DAY,
Director,

Office of Hearings and Appeals.

FEBRUARY 22, 1973.

[FR Doc.73-3837 Filed 2-28-73;8:45 am]

DEPARTMENT OF AGRICULTURE

Forest Service

UMATILLA NATIONAL FOREST GRAZING ADVISORY BOARD COMMITTEE

Notice of Meeting

The Umatilla National Forest Grazing Advisory Board Committee will meet at 1 p.m., March 13, 1973, at the U.S. Forest Service Office, 2517 Southwest Halley Avenue, in Pendleton, Ore.

The purpose of this meeting is to review the three proposed Secretary of Agriculture regulations which might affect grazing permits. The three are wild, free roaming horses and burros, revocation and suspension of grazing permits, and use of pesticides and chemical toxicants.

The meeting will be open to the public. Persons who wish to attend should notify the Forest Supervisor's Office at 2517 Southwest Halley Avenue, Pendleton, OR 97801, or call 276-3811, extension 231. Written statements may be filed with the Forest Service before or after the meeting.

The Committee has established the following rules for public participation: A time period will be set up for the public to participate and time limits may be set on individual public participation.

Dated: February 22, 1973.

DENNIS E. JONES,
Acting Forest Supervisor.

[FR Doc.73-3872 Filed 2-28-73;8:45 am]

WILLAMETTE NATIONAL FOREST MULTIPLE USE ADVISORY COUNCIL

Notice of Meeting

The Willamette National Forest multiple use advisory council will meet March 30 at 1 p.m. in the conference room of the forest's office at 210 East 11th Avenue in Eugene, Ore.

This is the regular semiannual meeting of the council. Members are being asked to suggest those matters relating to the forest's management practices and policies they would like to discuss. The council may also discuss its own functions.

The meeting is open to the public. Persons who wish to attend should notify Zane G. Smith, Jr., Forest Supervisor, at (503) 342-5141. Written statements may be filed with the committee before or after the meeting.

ZANE G. SMITH, JR.,
Forest Supervisor.

FEBRUARY 20, 1973.

[FR Doc.73-3794 Filed 2-28-73;8:45 am]

DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

[Docket No. H-27]

KONA COAST SEAFOOD CO., INC.

Notice of Loan Application

FEBRUARY 22, 1973.

Kona Coast Seafood Co., Inc., Post Office Box 2106, Kailua-Kona, HI 96740, has applied for a loan from the Fisheries Loan Fund to aid in financing the purchase of a new fiberglass vessel, about 42 foot in length, to engage in the fishery for yellowfin tuna, wahoo, and dolphin (*Corphaena hippurus*) off the island of Hawaii.

Notice is hereby given, pursuant to the provisions of 16 U.S.C. 742c, Fisheries Loan Fund Procedures (50 CFR Part 250, as revised), and Reorganization Plan No. 4 of 1970, that the above entitled application is being considered by the National Marine Fisheries Service, National Oceanic and Atmospheric Administration, Department of Commerce, Washington, D.C. 20235. Any person desiring to submit evidence that the contemplated operation of such vessel will cause economic hardship or injury to efficient vessel operators already operating in that fishery must submit such evidence in writing to the Director, National Marine Fisheries Service, on or before April 2, 1973. If such evidence is received it will be evaluated along with such other evidence as may be available before making a determination that the contemplated operation of the vessel will or will not cause such economic hardship or injury.

JOSEPH W. SLAVIN,
Acting Director.

[FR Doc.73-3796 Filed 2-28-73;8:45 am]

Office of Import Programs

BUCKNELL UNIVERSITY

Notice of Decision on Application for Duty-Free Entry of Scientific Article

The following is a decision on an application for duty-free entry of a scientific article pursuant to section 6(c) of the Educational, Scientific, and Cultural Materials Importation Act of 1966 (Public Law 89-651, 80 Stat. 897) and the regulations issued thereunder as amended (37 FR 3892 et seq.).

A copy of the record pertaining to this decision is available for public review during ordinary business hours of the Department of Commerce, at the Office of Import Programs, Department of Commerce, Washington, D.C.

Docket No. 73-00158-33-37100. Applicant: Bucknell University, Lewisburg, Pa. 17837. Article: Yeda-press (tissue homogenizer). Manufacturer: Yeda Research & Development Co., Ltd., Israel. Intended use of article: The article is intended to be used to prepare sub-cellular organelles or membrane fractions. Specifically it will be used to homogenize rat testicular tissue for preparation of Golgi apparatus membranes from the male germ cell in a research project designed to gain information regarding the Golgi apparatus membrane system as it relates to acrosome formation and sperm competence.

Comments: No comments have been received with respect to this application.

Decision: Application approved. No instrument or apparatus of equivalent scientific value to the foreign article, for such purposes as this article is intended to be used, is being manufactured in the United States. Reasons: The use in the preparation of Golgi apparatus membranes from testicular tissue will require the combination of controlled osmotic shock and pressure change. These capabilities provided by the foreign article are needed to release the Golgi apparatus intact and to maintain anaerobic conditions. The Department of Health, Education, and Welfare (HEW) advised in its memorandum dated February 9, 1973, that the capabilities described above are pertinent to the purposes for which the article is intended to be used. HEW also advised that it knows of no comparable domestic instrument of equivalent scientific value to the article for the purposes for which the article is intended to be used.

The Department of Commerce knows of no other instrument or apparatus of equivalent scientific value to the foreign article, for such purposes as this article is intended to be used, which is being manufactured in the United States.

B. BLANKENHEIMER,
Acting Director,
Office of Import Programs.

[FR Doc.73-3880 Filed 2-28-73; 8:45 am]

TEXAS TECHNICAL UNIVERSITY ET AL.

Notice of Consolidated Decision on Applications for Duty-Free Entry of Scientific Articles

The following is a consolidated decision on applications for duty-free entry of scientific articles pursuant to section 6(c) of the Educational, Scientific, and Cultural Materials Importation Act of 1966 (Public Law 89-651, 80 Stat. 897) and the regulations issued thereunder as amended (37 FR 3892 et seq.).

A copy of the record pertaining to each of the applications in this consolidated decision is available for public review during ordinary business hours of the Department of Commerce, at the Special Import Programs Division, Office of Import Programs, Department of Commerce, Washington, D.C.

Decision: Applications denied. Applicants have failed to establish that instruments or apparatus of equivalent scientific value to the foreign articles, for such purposes as the foreign articles are intended to be used, are not being manufactured in the United States.

Reasons: Section 701.8 of the regulations provides in pertinent part:

The applicant shall on or before the 20th day following the date of such notice, inform the Deputy Assistant Secretary whether it intends to resubmit another application for the same article for the same intended purposes to which the denied application relates. The applicant shall then resubmit the new application on or before the 90th day following the date of the notice of denial without prejudice to resubmission, unless an extension of time is granted by the Deputy Assistant Secretary in writing prior to the expiration of the 90-day period. * * * If the applicant fails, within the applicable time periods specified above, to either (a) inform the Deputy Assistant Secretary whether it intends to resubmit another application for the same article to which the denial without prejudice to resubmission relates, or (b) resubmit the new application, the prior denial without prejudice to resubmission shall have the effect of a final decision by the Deputy Assistant Secretary on the application within the context of § 701.11.

The meaning of the subsection is that should an applicant either fail to notify the Deputy Assistant Secretary of its intent to resubmit another application for the same article to which the denial without prejudice relates within the 20-day period, or fails to resubmit a new application within the 90-day period, the prior denial without prejudice to resubmission will have the effect of a final denial of the application.

None of the applicants to which this consolidated decision relates has satisfied the requirements set forth above, therefore, the prior denials without prejudice have the effect of a final decision denying their respective applications.

Section 701.8 further provides:

* * * the Deputy Assistant Secretary shall transmit a summary of the prior denial without prejudice to resubmission to the FEDERAL REGISTER for publication, to the Commissioner of Customs, and to the applicant.

Each of the prior denials without prejudice to resubmission to which this consolidated decision relates was based on the failure of the respective applicants to submit the required documentation, including a completely executed application form, in sufficient detail to allow the issue of "scientific equivalency" to be determined by the Deputy Assistant Secretary.

Docket No. 71-00438-01-77040. Applicant: Texas Technical University, Lubbock, Tex. 79409. Article: Mass spectrometer, Model 311. Denial without prejudice to resubmission: October 31, 1972.

Docket No. 72-00264-01-77030. Applicant: Rhode Island College, Providence, R.I. 02908. Article: NMR Spectrometer, Model JNM-MH-60-II. Date of denial without prejudice to resubmission: October 25, 1972.

Docket No. 72-00282-65-46070. Applicant: Illinois Institute of Technology, Metallurgical and Materials Engineering Department, 10 West 33d Street, Chicago, IL 60616. Article: Scanning electron microscope, Model JSM-U3. Date of denial without prejudice to resubmission: October 3, 1972.

Docket No. 72-00355-01-77030. Applicant: The University of Georgia, Department of Medicinal Chemistry, School of Pharmacy, Athens, Ga. 30601. Article: NMR Spectrometer, Model R-20A. Date of denial without prejudice to resubmission: October 31, 1972.

Docket No. 72-00398-01-77040. Applicant: University of Illinois at Urbana-Champaign, 223 Administration Building, Urbana, Ill. 61801. Article: Mass spectrometer, Model MS 902. Date of denial without prejudice to resubmission: October 31, 1972.

Docket No. 72-00478-33-46040. Applicant: University of Pittsburgh Medical Center, Pathology Department, 3459 Fifth Avenue, Pittsburgh, PA 15213. Article: Electron microscope, Model EM 201. Date of denial without prejudice to resubmission: October 18, 1972.

Docket No. 72-00567-01-07500. Applicant: Brooklyn College of the City University of New York, Department of Chemistry, Bedford Avenue and Avenue H, Brooklyn, N.Y. 11210. Article: Precision Calorimetry System, LKB 8700. Date of denial without prejudice to resubmission: October 31, 1972.

Docket No. 72-00573-33-46040. Applicant: Institute of Health Laboratories, Electron Microscope Laboratory, Post Office Box 1730, Hato Rey, PR 00919. Article: Electron microscope, Model HU-12. Date of denial without prejudice to resubmission: October 13, 1972.

Docket No. 72-00577-33-46070. Applicant: Rutgers Medical School, Department of Anatomy, Basic Science Building, University Heights, New Brunswick, N.J. 08903. Article: Scanning electron microscope, Model JSM-U3. Date of denial without prejudice to resubmission: October 13, 1972.

Docket No. 72-00597-33-46500. Applicant: Harvard University, 75 Mount

Auburn Street, Cambridge, MA 02138. Article: Ultramicrotome, Model LKB 8800A. Date of denial without prejudice to resubmission: September 25, 1972.

Docket No. 73-00116-65-01100. Applicant: Ames Laboratory, U.S. Atomic Energy Commission, Iowa State University, Ames, Iowa 50010. Article: Particle size analyzer, Model TZG3. Date of denial without prejudice to resubmission: October 13, 1972.

B. BLANKENHEIMER,
Acting Director,
Office of Import Programs.

[FR Doc. 73-3877 Filed 2-28-73; 8:45 am]

UNIVERSITY OF MIAMI

Notice of Decision on Application for Duty-Free Entry of Scientific Article

The following is a decision on an application for duty-free entry of a scientific article pursuant to section 6(c) of the Educational, Scientific, and Cultural Materials Importation Act of 1966 (Public Law 89-651, 80 Stat. 897) and the regulations issued thereunder as amended (37 FR 3892 et seq.).

A copy of the record pertaining to this decision is available for public review during ordinary business hours of the Department of Commerce, at the Office of Import Programs, Department of Commerce, Washington, D.C.

Docket No. 73-00166-33-46040. Applicant: University of Miami, Post Office Box 8184, Coral Gables, FL 33124. Article: Electron Microscope, Model EM 300 and accessories. Manufacturer: Philips Electronic Instruments NVD, The Netherlands. Intended use of article: The article is intended to be used in investigation to assess the structural details of cells and their components, and to relate these, by ancillary and collaborative work, to physiological and biochemical function of the cell. The primary area of study is excitable tissue, including muscle, and the central and peripheral nervous system of a variety of animals, including the organization of cells within the tissue, and the fine details of membrane structure at specific points of intercellular communication and synapse. The article will be used for educational purposes through the training of post doctoral fellows, visiting scientists, and faculty members whose research calls for fine structural information.

Comments: No comments have been received with respect to this application. Decision: Application approved. No instrument or apparatus of equivalent scientific value to the foreign article, for such purposes as this article is intended to be used, is being manufactured in the United States. Reasons: The foreign article has a specified resolving capability of 3.5 angstroms. The most closely comparable domestic instrument is the Model EMU-4C electron microscope manufactured by the Forgiolo Corp. The Model EMU-4C has a specified resolving capability of 5 angstroms. (The lower the numerical rating in terms of angstrom units, the better the resolving

capability.) We are advised by the Department of Health, Education, and Welfare in its memorandum dated February 9, 1973, that the additional resolving capability of the foreign article is pertinent to the purposes for which the foreign article is intended to be used. We, therefore, find that the Model EMU-4C is not of equivalent scientific value to the foreign article for such purposes as the article is intended to be used.

The Department of Commerce knows of no other instrument or apparatus of equivalent scientific value to the foreign article, for such purposes as this article is intended to be used, which is being manufactured in the United States.

B. BLANKENHEIMER,
Acting Director,
Office of Import Programs.

[FR Doc. 73-3879 Filed 2-28-73; 8:45 am]

UNIVERSITY OF NORTH CAROLINA

Notice of Decision on Application for Duty-Free Entry of Scientific Article

The following is a decision on an application for duty-free entry of a scientific article pursuant to section 6(c) of the Educational, Scientific, and Cultural Materials Importation Act of 1966 (Public Law 89-651, 80 Stat. 897) and the regulations issued thereunder as amended (37 FR 3892 et seq.).

A copy of the record pertaining to this decision is available for public review during ordinary business hours of the Department of Commerce, at the Office of Import Programs, Department of Commerce, Washington, D.C.

Docket No. 73-00149-99-66700. Applicant: University of North Carolina, Department of Computer Science, New West Hall, Chapel Hill, N.C. 27514. Article: Teleprinter projector, Model 2510T. Manufacturer: I. P. Sharp Associates, Canada. Intended use of article: The article is intended to be used in the following courses in computer science, whose objectives are to train teachers and instructors in the Ph. D. level in computer science, to train practitioners of computer science, via the professional M.S. program, and to furnish vocational competence in computer use to undergraduates.

- 116. Numerical methods.
- 118. Data processing techniques.
- 120. Data representation and manipulation.
- 125. Mathematical structures in computer science.
- 140. Programming systems.
- 151-152. Applied mathematics in computer science.
- 155. Numerical analysis.

Comments: No comments have been received with respect to this application. Decision: Application approved. No instrument or apparatus of equivalent scientific value to the foreign article, for such purposes as this article is intended to be used, is being manufactured in the United States. Reasons: The applicant's use in teaching a number of courses, including data processing and computer science requires clear presentations to relatively large groups. The Department

of Health, Education, and Welfare (HEW) in its memorandum dated February 9, 1973, advises that the degree of legibility provided by the foreign article through direct projection is pertinent to the above cited uses within the meaning of § 701.2(n) of the regulations. HEW also advises that it knows of no comparable domestic instrument of equivalent scientific value to the foreign article for such purposes as this article is intended to be used.

The Department of Commerce knows of no other instrument or apparatus of equivalent scientific value to the foreign article, for such purposes as this article is intended to be used, which is being manufactured in the United States.

B. BLANKENHEIMER,
Acting Director,
Office of Import Programs.

[FR Doc. 73-3881 Filed 2-28-73; 8:45 am.]

UNIVERSITY OF WASHINGTON ET AL.

Notice of Applications for Duty-Free Entry of Scientific Articles

The following are notices of the receipt of applications for duty-free entry of scientific articles pursuant to section 6(c) of the Educational, Scientific, and Cultural Materials Importation Act of 1966 (Public Law 89-651; 80 Stat. 897). Interested persons may present their views with respect to the question of whether an instrument or apparatus of equivalent scientific value for the purposes for which the article is intended to be used is being manufactured in the United States. Such comments must be filed in triplicate with the Director, Special Import Programs Division, Office of Import Programs, Washington, D.C. 20230, on or before March 21, 1973.

Amended regulations issued under cited Act, as published in the February 24, 1972, issue of the FEDERAL REGISTER, prescribe the requirements applicable to comments.

A copy of each application is on file, and may be examined during ordinary Commerce Department business hours at the Special Import Programs Division, Department of Commerce, Washington, D.C.

Docket No. 73-00351-33-41500. Applicant: University of Washington, School of Medicine, Department of Pathology, SM-30, Seattle, Wash. 98195. Article: Lamina downflow recirculating work station with base assembly; stainless steel spillage tray; ultraviolet, 15-watt bactericidal tube and fitting; and front closing panel. Manufacturer: Microflow, Ltd., United Kingdom. Intended use of article: The article is intended to be used for studies of the biochemical genetics of cultured cells (human and animal), including treatment of the cells with mutagenic agents. In addition, the article will be used for educational purposes in the following courses:

Somatic Cell Genetics.—A conjoint seminar course dealing with mechanisms of inheritance of somatic cells offered to graduate and medical students at the University of Washington.

Human Cytogenetics.—A pathology course giving lecture and laboratory experience in cytogenetic pathology.

Application received by Commissioner of Customs: January 22, 1973.

Docket No. 73-00379-01-07500. Applicant: Community Blood Council Inc., 310 East 67th Street, New York, NY 10021. Article: Microcalorimetry system, LKB 10700-2. Manufacturer: LKB Produkter AB, Sweden. Intended use of article: The article is intended to be used in studies of many aspects of platelet reactivity to aggregating agents, physical conditions, and metabolism. The article will also be extremely useful for ongoing enzyme interaction studies. Application received by Commissioner of Customs: February 4, 1973.

Docket No. 73-00380-33-46040. Applicant: Veterans Administration Hospital, 2002 Holcombe Boulevard, Houston TX 77031. Article: Electron microscope, Model EM 301. Manufacturer: Philips Electronic Instruments NVD, The Netherlands. Intended use of article: The article is intended to be used for studies of the ultrastructure of kidney biopsies and correlation with clinical and immunological status of patients to establish diagnosis and thereafter to guide therapeutic management. In addition, the article will be used for studies of the electron microscopic ultrastructures of human tumors and other lesions with the view of more precise delineation of the nature of the lesions examined in surgical pathology. In addition the applicant will study various structures deriving from human blood and discharge to isolate etiological agents using negative staining techniques. The article will also be used for the training of resident physicians and staff pathologists, medical students, and students of the School of Medical Technology in the basic electron microscopic techniques. Application received by Commissioner of Customs: February 5, 1973.

Docket No. 73-00381-33-46040. Applicant: Ball State University, Muncie, Ind. 47306. Article: Electron microscope, Model HS-8F-1. Manufacturer: Hitachi Ltd., Japan. Intended use of article: The article is intended to be used for embryonic, larval, pupal, and adult gonads, to elucidate interactions of somatic and germ tissues during development. The article will also be used for educational purposes in courses in biology, medical technology, general science, biology teaching, biological science for nurses, botany, zoology, medicine, dentistry, pharmacy and veterinary medicine (i.e. the preparation of electron micrographs and training in operations of the electron microscope). Application received by Commissioner of Customs: February 2, 1973.

Docket No. 73-00382-98-34040. Applicant: University of California, Lawrence Berkeley Laboratory, East End of Hearst Avenue, Berkeley, Calif. 94720. Article: Carcinotron tube, Type CO-40B. Manufacturer: Thomson CSF, France. Intended use of article: The article will serve as a replacement tube for three

existing tubes in a polarized proton target used in high energy physics experiments in conjunction with the Laboratory's Bevatron Accelerator and the Stanford Linear Accelerator. The article energizes a microwave cavity, and in so doing polarizes the protons in the solid hydrogen crystals. Application received by Commissioner of Customs: February 3, 1973.

Docket No. 73-00136-01-77030. Applicant: Albert Einstein College of Medicine, Yeshiva University, 1300 Morris Park Avenue, Bronx, NY 10461. Article: NMR Spectrometer, Model PS-100. Manufacturer: Jeolco, Japan. Intended use of article: The article will be used to investigate biological phenomena at the molecular level by observing the nuclear magnetic resonance of various nuclei in the following:

1. Iron transport by iron binding proteins.
2. Chemistry of metal chelates and metalloproteins using 19F as a probe.
3. Drug-Receptor interactions.
4. Mechanism of ion transport by anti-biotic ionophorus agents.
5. Structure and chemistry of heme proteins.
6. Conformation changes in oligosaccharide-hapten-antibody interactions using 19F as a probe.
7. Enzyme mechanisms.

Application received by Commissioner of Customs: September 1, 1972.

B. BLANKENHEIMER,
Acting Director,
Office of Import Programs.

[FR Doc.73-3878 Filed 2-28-73; 8:45 am]

Social and Economic Statistics Administration

SPECIAL ANNUAL SURVEY

Notice of Determination

In conformity with title 13, United States Code, sections 181, 224, and 225, and due notice having been published on January 18, 1973 (38 FR 1756), I have determined that the annual data to be derived from the survey, "Exports of Manufactured Products: 1971 and 1972," are needed to aid the efficient performance of essential Government functions and have significant application to the needs of the public and industry and are not publicly available from nongovernmental or other Government sources.

Report forms furnishing data on the total value of shipments, total value of shipments for exports, and number of employees will be required of a sample of establishments. The establishments covered by this survey directly account for about 70 percent of total exports of manufactured products.

The information to be developed from this survey is necessary to measure adequately the impact of manufactured exports, and employment attributable thereto, at the State, standard metropolitan statistical area, and congressional district levels.

The report forms will be furnished to firms included in this survey, and additional copies are available on request to

the Director, Bureau of the Census, Washington, D.C. 20233.

I have, therefore, directed that this survey be conducted for the purpose of collecting the data hereinabove described.

Dated: February 23, 1973.

JOSEPH R. WRIGHT, Jr.,
Acting Assistant Secretary
for Economic Affairs.

[FR Doc.73-3970 Filed 2-28-73; 8:45 am]

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Food and Drug Administration

[DESI 8943]

ACETAZOLAMIDE IN SUSTAINED RELEASE DOSAGE FORM

Drugs for Human Use; Drug Efficacy Study Implementation Follow-up

In an announcement (DESI 8943) published in the FEDERAL REGISTER of July 25, 1972 (37 FR 14828), the Commissioner of Food and Drugs announced his conclusions pursuant to the evaluation of a report received from the National Academy of Sciences-National Research Council, Drug Efficacy Study Group, on the following product:

Diamox Sequels (sustained release capsules) containing acetazolamide; Lederle Laboratories Division, American Cyanamid Co., Post Office Box 500, Pearl River, NY 10965 (NDA 12-945).

All identical, related, or similar products, not the subject of an approved new drug application, are covered by the new drug application reviewed and are subject to this notice. See 21 CFR 130.40 (37 FR 23185, Oct. 31, 1972). Any person who wishes to determine whether a specific product is covered by this notice should write to the Food and Drug Administration, Bureau of Drugs, Office of Compliance (BD-300), 5600 Fishers Lane, Rockville, MD 20852.

The announcement stated, insofar as it pertains to acetazolamide in sustained release form for oral use, that it is probably effective for treatment of chronic simple (open angle) glaucoma, secondary glaucoma, and preoperatively in acute angle closure glaucoma where delay of surgery is desired in order to lower intraocular pressure. Based upon a re-evaluation of available data, the Commissioner of Food and Drugs concludes that Diamox Sequels is effective for those conditions.

The other products included in the announcement of July 25, 1972, had been classified as effective and will not be affected by this notice.

Accordingly, the previous announcement is amended to read as follows, insofar as it pertains to acetazolamide in sustained release dosage form:

A. EFFECTIVENESS CLASSIFICATION

The Food and Drug Administration has considered the Academy's report, as well as other available evidence, and concludes that it is effective for adjunctive

treatment of: Chronic simple (open angle) glaucoma, secondary glaucoma, and preoperatively in acute angle closure glaucoma where delay of surgery is desired in order to lower intraocular pressure.

B. CONDITIONS FOR APPROVAL AND MARKETING

The Food and Drug Administration is prepared to approve abbreviated new drug applications and abbreviated supplements to previously approved new drug applications under conditions described herein.

1. FORM OF DRUG

Acetazolamide preparations are in sustained release, capsule form suitable for oral administration.

2. LABELING CONDITIONS

a. The label bears the statement, "Caution: Federal law prohibits dispensing without prescription."

b. The drug is labeled to comply with all requirements of the Act and regulations, and the labeling bears adequate information for safe and effective use of the drug. The "Indications" are:

For adjunctive treatment of: Chronic simple (open angle) glaucoma, secondary glaucoma, and preoperatively in acute angle closure glaucoma where delay of surgery is desired in order to lower intraocular pressure.

3. MARKETING STATUS

Marketing of such drugs may be continued under the conditions described in the notice entitled "Conditions for Marketing New Drugs Evaluated in Drug Efficacy Study," published in the FEDERAL REGISTER July 14, 1970 (35 FR 11273), as follows:

a. For holders of "deemed approved" new drug applications (i.e., an application which became effective on the basis of safety prior to Oct. 10, 1962), the submission of a supplement for revised labeling, an abbreviated supplement for updating information, and adequate data to show the biologic availability of the drug in the formulation which is marketed as described in paragraphs (a) (1) (i), (ii), and (iii) of the notice of July 14, 1970. Clinical trials which have established the effectiveness of the drug may also serve to establish the bioavailability of the drug if such trials were conducted on the currently marketed formulation. The data should show that the drug is available at a rate of release which will be safe and effective.

b. For any person who does not hold an approved or effective new drug application, the submission of an abbreviated new drug application, to include adequate data to assure the biologic availability of the drug in the formulation, which is or is intended to be marketed, as described in paragraph (a) (3) (ii) of that notice. The data should show that the drug is available at a rate of release which will be safe and effective.

c. For any distributor of the drug, the use of labeling in accord with this an-

nouncement for any such drug shipped within the jurisdiction of the Act as described in paragraph (b) of that notice.

Communications forwarded in response to this announcement should be identified with the reference number DESI 8943, directed to the attention of the appropriate office listed below, and addressed to the Food and Drug Administration, 5600 Fishers Lane, Rockville, MD 20852:

Supplements (Identify with NDA number): Office of Scientific Evaluation (BD-100), Bureau of Drugs.

Original abbreviated new drug applications (Identify as such): Drug Efficacy Study Implementation Project Office (BD-60), Bureau of Drugs.

Requests for the Academy's report: Drug Efficacy Study Information Control (BD-66), Bureau of Drugs.

All other communications regarding this announcement: Drug Efficacy Study Implementation Project Office (BD-60), Bureau of Drugs.

This notice is issued pursuant to provisions of the Federal Food, Drug, and Cosmetic Act (secs. 502, 505, 52 Stat. 1050-53, as amended; 21 U.S.C. 352, 355), and the Administrative Procedure Act (5 U.S.C. 554), and under the authority delegated to the Commissioner of Food and Drugs (21 CFR 2.120).

Dated: February 21, 1973.

WILLIAM F. RANDOLPH,
Acting Associate Commissioner
for Compliance.

[FR Doc.73-3868 Filed 2-28-73; 8:45 am]

[DESI 3523; Docket No. FDC-D-531; NDA 6-257 etc.]

CERTAIN COMBINATION DRUGS CONTAINING XANTHINE DERIVATIVES

Notice of Withdrawal of Approval of New Drug Applications

On November 25, 1972, there was published in the FEDERAL REGISTER (37 FR 25063) a notice of opportunity for hearing (DESI 3523) in which the Commissioner of Food and Drugs proposed to issue an order under section 505(e) of the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 355(e)) withdrawing approval of the new drug applications for the drugs listed below. The basis of the proposed action was the lack of substantial evidence that these combination drugs, as presently formulated, will have the effects that they purport or are represented to have under the conditions of use prescribed, recommended, or suggested in the labeling, or that each component of the combination contributes to the total effects claimed.

1. NDA 11-314; Deltasmyl Tablets containing theophylline, ephedrine hydrochloride, prednisone, and phenobarbital; Roussel Corp., 155 East 44th Street, New York, NY 10017.

2. That part of NDA 6-257 pertaining to Hydryllin Tablets and Elixir containing diphenhydramine and aminophylline; G. D. Searle and Co., Post Office Box 5110, Chicago, IL 60680.

3. NDA 6-821; Nethaprin Capsules and Syrup containing etafedrine hydrochloride, ambuphylline, and doxylamine succinate; Merrell-National Laboratories, Division of Richardson-Merrell, Inc., 110 East Amity Road, Cincinnati, OH 45215.

On December 1, 1972, G. D. Searle and Co. requested withdrawal of approval of that portion of NDA 6-257 that pertains to Hydryllin Tablets and Elixir. Also, on December 1, 1972, Cole Pharmaceutical Co. stated that Asminyl H-F Tablets, referred to in the notice of November 25, 1972, as a related drug, were discontinued on June 30, 1972. There were no other responses.

All identical, related, or similar products, not the subject of an approved new drug application, are covered by the new drug applications reviewed and are subject to this notice. See 21 CFR 130.40 (37 FR 23185, October 31, 1972). Any person who wishes to determine whether a specific product is covered by this notice should write to the Food and Drug Administration, Bureau of Drugs, Office of Compliance (BD-300), 5600 Fishers Lane, Rockville, MD 20852.

The Commissioner of Food and Drugs, pursuant to the provisions of the Federal Food, Drug, and Cosmetic Act (sec. 505, 52 Stat. 1053, as amended; 21 U.S.C. 355), and the Administrative Procedure Act (5 U.S.C. 554), and under authority delegated to him (21 CFR 2.120), finds that on the basis of new information before him with respect to each of said drugs, evaluated together with the evidence available to him when the applications were approved, there is a lack of substantial evidence that the drugs will have the effects they purpose or are represented to have under the conditions of use prescribed, recommended, or suggested in the labeling thereof.

Therefore, pursuant to the foregoing findings, approval of the above new drug applications or pertinent parts thereof, and all amendments and supplements applying thereto, is withdrawn effective on March 1, 1973. Shipment in interstate commerce of the above-listed drug products or of any identical, related, or similar product, not the subject of an approved new drug application, is henceforth unlawful.

Dated: February 21, 1973.

WILLIAM F. RANDOLPH,
Acting Associate Commissioner
for Compliance.

[FR Doc.73-3865 Filed 2-28-73; 8:45 am]

ADVISORY COMMITTEES

Notice of Meetings

Pursuant to the Federal Advisory Committee Act of October 6, 1972 (P.L. 92-463, 86 Stat. 770-776), the Food and Drug Administration announces the following public advisory committee meetings and other required information in accordance with provisions set forth in section 10(a) (1) and (2) of the Act:

Committee name	Date, time, place	Type of meeting and contact person
1. Diagnostic Products Advisory Committee.	March 1 and 2, 9 a.m., Conference Room M, Parklawn Bldg., 5600 Fishers Lane, Rockville, MD.	Open—Thomas A. Hayes, M.D., Room 16B-33, 5600 Fishers Lane, Rockville, MD 20852, 301-443-1190.

Purpose. Reviews and evaluates information pertaining to performance standards for selected diagnostic products, evaluates and recommends reference methodologies and standards of precision and accuracy, and recommends priorities for standard setting.

Agenda. Status of final orders and regulations, report of subgroup on microbiological and immunological diagnostic reagents, preclearances, laboratory water, priorities, and future calls.

Committee name	Date, time, place	Type of meeting and contact person
2. Panel on Review of Antimicrobial Agents.	March 3-5, 9 a.m., Conference Room C, Parklawn Bldg., 5600 Fishers Lane, Rockville, MD.	Closed March 3 and 4, Open March 5, 9 a.m. to 10 a.m., Closed March 5, after 10 a.m., Michael Kennedy, Room 10B-05, 5600 Fishers Lane, Rockville, MD 20852, 301-443-4960.

Purpose. Review and evaluates available data concerning safety and effectiveness of active ingredients of currently marketed nonprescription drug products for human use containing antimicrobial ingredients.

Agenda. Continuing review of over-the-counter antimicrobial agents under investigation.

Committee name	Date, time, place	Type of meeting and contact person
3. Panel on Review of Topical Analgesics.	March 6, 9 a.m., Conference Room C, Parklawn Bldg., 5600 Fishers Lane, Rockville, MD.	Open 9 a.m. to 11 a.m., closed after 11 a.m. Lee Geismar, Room 10B-05, 5600 Fishers Lane, Rockville, MD 20852, 301-443-4960.

Purpose. Reviews and evaluates available data concerning safety and effectiveness of active ingredients of currently-marketed nonprescription drug products containing topical analgesics.

Agenda. Orientation of members and review of material on over-the-counter drugs containing topical analgesics.

Committee name	Date, time, place	Type of meeting and contact person
4. FDA/NIMH Drug Abuse Advisory Committee.	March 8, 9 a.m., Conference Room G, Parklawn Bldg., 5600 Fishers Lane, Rockville, MD.	Open 9 a.m. to noon, closed 1 p.m. to 4 p.m., Elmer A. Gardner, M.D., Room 10B-45, 5600 Fishers Lane, Rockville, MD 20852, 301-443-4020.

Purpose. Advises FDA on action to be taken on Notices of Claimed Investigational New Drugs for substances with abuse potential and advises NIMH on supplies of substances for clinical studies, on requests for quantities of substances for studies, and on requests for any amount of substances which involve protocols containing unique problems.

Agenda. Minutes of previous meeting, status of LAAM (devo-alphaacetyl methadol) for clinical trials, methodology for determining abuse potential of drugs, report of animal research involving self-administration of drugs, and review of research protocols.

Committee name	Date, time, place	Type of meeting and contact person
5. Panel of Review of Anesthesiology Devices.	March 9, 9 a.m., Executive Board Room, Mallman Center for Child Development, University of Miami, Miami, FL.	Open 9 a.m. to 10 a.m., Closed after 10 a.m., David M. Link, Room 212B, 1901 Chapman Ave., Rockville, MD 20852, 301-443-1743.

Purpose. Reviews and evaluates available information concerning safety, effectiveness, and reliability of anesthesiology devices currently in use.

Agenda. Continuing review of anesthesiology devices under investigation.

Committee name	Date, time, place	Type of meeting and contact person
6. Panel on Review of Cardiovascular Devices.	March 20, 9:30 a.m., Room 6821, 200 C Street SW, Washington, DC.	Open 9:30 a.m. to 10:30 a.m., Closed after 10:30 a.m., David M. Link, Room 212B, 1901 Chapman Ave., Rockville, MD 20852, 301-443-1743.

Purpose. Reviews and evaluates available information concerning safety, effectiveness, and reliability of cardiovascular devices currently in use.

Agenda. Continuing review of cardiovascular devices under investigation.

Committee name	Date, time, place	Type of meeting and contact person
7. Technical Electronic Product Radiation Safety Standards Committee.	March 23 and 27, 9 a.m., Room 5051, HEW Building, 330 Independence Avenue SW, Washington, DC.	Open—Marshall S. Little, Room 527, 12720 Twinbrook Parkway, Rockville, MD 20852, 301-443-3426.

Purpose. Provides advice and guidance on technical feasibility, reasonableness, and practicability of performance standards for electronic products to control emission from such products.

Agenda. Review of activities of Bureau of Radiological Health, proposed performance standard for lasers and laser products, performance standard for cabinet radiography, proposed dental X-ray amendments to diagnostic X-ray standard, and ultrasonic diathermy.

Committee name	Date, time, place	Type of meeting and contact person
8. Panel on Review of Sedative, Tranquilizer, and Sleep Aid Drugs.	March 29-31, 9 a.m., Conference Room B, Parklawn Bldg., 5600 Fishers Lane, Rockville, MD.	Open March 29, 9 a.m., to 10 a.m., closed March 29 after 10 a.m., closed March 30 and 31, Michael Kennedy, Room 10B-05, 5600 Fishers Lane, Rockville, MD 20852, 301-443-4960.

Purpose. Reviews and evaluates available data concerning safety and effectiveness of active ingredients of currently marketed nonprescription drug products containing sedative, tranquilizer, and sleep aid drugs.

Agenda. Continuing review of over-the-counter sedative, tranquilizer, and sleep aid drugs under investigation.

Agenda items are subject to change as priorities dictate.

During the open sessions shown above, interested persons may present relevant information or views orally to any committee for its consideration. Information or views submitted to any committee in writing before or during a meeting shall also be considered by the committee.

A list of committee members and summary minutes of meetings may be obtained from the contact person for the committee both for meetings open to the public and those meetings closed to the public in accordance with section 10(d) of the Federal Advisory Committee Act.

Most Food and Drug Administration advisory committees are created to advise the Commissioner of Food and Drugs on pending regulatory matters. Recommendations made by the committees on these matters are intended to result in action under the Federal Food, Drug, and Cosmetic Act, and these committees thus necessarily participate with the Commissioner in exercising his law enforcement responsibilities.

The Freedom of Information Act recognized that the premature disclosure of regulatory plans, or indeed internal discussions of alternative regulatory approaches to a specific problem, could have adverse effects upon both public and private interests. Congress recognized that such plans, even when finalized, may not be made fully available in advance of the effective date without damage to such interests, and therefore provided that this type of discussion would remain confidential. Thus, law enforcement activities have long been recognized as a legitimate subject for confidential consideration.

These committees often must consider trade secrets and other confidential information submitted by particular manufacturers which the Food and Drug Administration by law may not disclose, and which Congress has included within the exemptions from the Freedom of Information Act. Such information includes safety and effectiveness information, product formulation, and manufacturing methods and procedures, all of

which are of substantial competitive importance.

In addition, to operate most effectively, the evaluation of specific drug or device products requires that members of committees considering such regulatory matters be free to engage in full and frank discussion. Members of committees have frequently agreed to serve and to provide their most candid advice on the understanding that the discussion would be private in nature. Many experts would be unwilling to engage in candid public discussion advocating regulatory action against a specific product. If the committees were not to engage in the deliberative portions of their work on a confidential basis, the consequent loss of frank and full discussion among committee members would severely hamper the value of these committees.

The Food and Drug Administration is relying heavily on the use of outside experts to assist in regulatory decisions. The Agency's regulatory actions uniquely affect the health and safety of every citizen, and it is imperative that the best advice be made available to it on a continuing basis in order that it may most effectively carry out its mission.

A determination to close part of an advisory committee meeting does not mean that the public should not have ready access to these advisory committees considering regulatory issues. A determination to close the meeting is subject to the following conditions: First, any interested person may submit written data or information to any committee, for its consideration. This information will be accepted and will be considered by the committee. Second, a portion of every committee meeting will be open to the public, so that interested persons may present any relevant information or views orally to the committee. The period for open discussion will be designated in any announcement of a committee meeting. Third, only the deliberative portion of a committee meeting, and the portion dealing with trade secret and confidential information, will be closed to the public. The portion of any meeting during which nonconfidential information is made available to the committee will be open for public participation. Fourth, after the committee makes its recommendations and the Commissioner either accepts or rejects them, the public and the individuals affected by the regulatory decision involved will have an opportunity to express their views on the decision. If the decision results in promulgation of a regulation, for example, the proposed regulation will be published for public comment. Closing a committee meeting for deliberations on regulatory matters will therefore in no way preclude public access to the committee itself or full public comment with respect to the decisions made based upon the committee's recommendation.

The Commissioner has been delegated the authority under section 10(d) of the Federal Advisory Committee Act to issue a determination in writing, containing

the reasons therefor, that any advisory committee meeting is concerned with matters listed in 5 U.S.C. 552(b) which contains the exemptions from the public disclosure requirements of the Freedom of Information Act. Pursuant to this authority, the Commissioner hereby determines, for the reasons set out above, that the portions of the advisory committee meetings designated in this notice as closed to the public involve discussion of existing documents falling within one of the exemptions set forth in 5 U.S.C. 552 (b), or matters that, if in writing, would fall within 5 U.S.C. 552(b), and that it is essential to close such portions of such meetings to protect the free exchange of internal views and to avoid undue interference with Agency and committee operations. This determination shall apply only to the designated portions of such meetings which relate to trade secrets and confidential information or to committee deliberations.

Dated: February 23, 1973.

SHERWIN GARDNER,
Acting Commissioner of
Food and Drugs.

[FR Doc. 73-3867 Filed 2-28-73; 8:45 am]

[Docket No. FDC-D-330; NADA No. 10-467V]

DIAMOND LABORATORIES, INC.

Oxytocin; Notice of Withdrawal of Approval of New Animal Drug Application

In the FEDERAL REGISTER of February 13, 1969 (34 FR 2146), the Commissioner of Food and Drugs announced the conclusions of the Food and Drug Administration following evaluation of a report received from the National Academy of Sciences-National Research Council, Drug Efficacy Study Group on Oxytocin new animal drug application (NADA) No. 10-467V; marketed by Diamond Laboratories, Inc., Des Moines, Iowa 50304.

Diamond Laboratories, Inc., responded to the announcement by advising the Commissioner that they waived the opportunity for a hearing and by requesting that the new animal drug application for this product be withdrawn.

Based on the grounds set forth in said announcement and the firm's response, the Commissioner concludes that approval of said NADA should be withdrawn. Therefore, pursuant to provisions of the Federal Food, Drug, and Cosmetic Act (sec. 51r, 82 Stat. 343-351; 21 U.S.C. 360b) and under authority delegated to the Commissioner (21 CFR 2.120), NADA No. 10-467V, including all amendments and supplements thereto, is hereby withdrawn effective on March 1, 1973.

Dated: February 21, 1973.

WILLIAM F. RANDOLPH,
Acting Associate Commissioner
for Compliance.

[FR Doc. 73-3866 Filed 2-28-73; 8:45 am]

[DESI 6261; Docket No. FDC-D-524;
NDA 6-257]

G. D. SEARLE AND CO.

Combination Drug Containing Diphenhydramine, Aminophylline, and Racephedrine Hydrochloride for Oral Use; Notice of Withdrawal of Approval of New Drug Application

On November 15, 1972, there was published in the FEDERAL REGISTER (37 FR 24203) a notice of opportunity for hearing (DESI 6261) in which the Commissioner of Food and Drugs proposed to issue an order under section 505(e) of the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 355(e)) withdrawing approval of that part of NDA 6-257 pertaining to Hydryllin with Racephedrine Tablets containing diphenhydramine, aminophylline, and racephedrine hydrochloride; G. D. Searle and Co., Post Office Box 5110, Chicago, IL 60680.

All identical, related, or similar products, not the subject of an approved new drug application, are covered by the new drug application reviewed and are subject to this notice. See 21 CFR 130.40 (37 FR 23185, Oct. 31, 1972). Any person who wishes to determine whether a specific product is covered by this notice should write to the Food and Drug Administration, Bureau of Drugs, Office of Compliance (BD-300), 5600 Fishers Lane, Rockville, MD 20852.

By letter of December 1, 1972, G. D. Searle requested withdrawal of approval of that portion of NDA 6-257 pertaining to Hydryllin with Racephedrine Tablets. There was no other response to the notice.

The Commissioner of Food and Drugs, pursuant to the provisions of the Federal Food, Drug, and Cosmetic Act (sec. 505, 52 Stat. 1053, as amended; 21 U.S.C. 355), and the Administrative Procedure Act (5 U.S.C. 554), and under authority delegated to him (21 CFR 2.120), finds that on the basis of new information before him with respect to the drug, evaluated together with the evidence available to him when the application was approved, there is a lack of substantial evidence that the drug will have the effect it purports or is represented to have under the conditions of use prescribed, recommended, or suggested in the labeling thereof.

Therefore, pursuant to the foregoing findings, approval of that part of the new drug application 6-257 providing for the above drug and all amendments and supplements applying thereto is withdrawn effective March 1, 1973.

Shipment in interstate commerce of the above-listed drug product or of any identical, related, or similar product, not the subject of an approved new drug application, is henceforth unlawful.

Dated: February 21, 1973.

WILLIAM F. RANDOLPH,
Acting Associate Commissioner
for Compliance.

[FR Doc. 73-3870 Filed 2-28-73; 8:45 am]

[DESI 11735; Docket No. FDC-D-565;
NDA 11-735]

GEIGY PHARMACEUTICALS

Combination Drug Containing Phenylbutazone, Prednisone, Aluminum Hydroxide Gel, Magnesium Trisilicate, and Homatropine Methylbromide; Notice of Opportunity for Hearing on Proposal To Withdraw Approval of New Drug Application

The Food and Drug Administration has reviewed available evidence concerning the safety and efficacy of the following drug, for which the new drug application was approved on the basis of safety prior to October 10, 1962.

Sterazolidin Capsules, containing phenylbutazone, prednisone, aluminum hydroxide gel, magnesium trisilicate, and homatropine methylbromide; marketed by Geigy Pharmaceuticals Division, Ciba-Geigy Chemical Corp., Saw Mill River Road, Ardsley, N.Y. 10502 (NDA 11-735).

As a result of that review, the Commissioner of Food and Drugs concludes that (1) there is a lack of substantial evidence that the drug is effective as a fixed combination, (2) in view of the excessive risk associated with its use, proof of safety is lacking, and (3) that the drug is not appropriate for administration in fixed combination within the guidelines set forth in the statement of general policy and interpretation §3.86 Fixed Combination Prescription Drugs for Humans, published in the FEDERAL REGISTER of October 15, 1971 (36 FR 20037).

Therefore, notice is given to the holder(s) of the new drug application(s) and to any other interested person that the Commissioner proposes to issue an order under section 505(e) of the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 355(e)) withdrawing approval of the listed new drug application(s) and all amendments and supplements thereto on the grounds that new information before him with respect to the drug(s), evaluated together with the evidence available to him at the time of approval of the application(s), shows there is a lack of substantial evidence that the drug(s) will have all the effects purported or represented to have and the drug(s) is not shown to be safe for use under the conditions of use prescribed, recommended, or suggested in the labeling.

All identical, related, or similar products, not the subject of an approved new drug application, are covered by the new drug application(s) reviewed. See 21 CFR 130.40 (37 FR 23185, Oct. 31, 1972). Any manufacturer or distributor of such an identical, related, or similar product is an interested person who may in response to this notice submit data and information, request that the new drug application(s) not be withdrawn, request a hearing, and participate as a party in any hearing. Any person who wishes to determine whether a specific product is covered by this notice should write to the Food and Drug Administration, Bureau of Drugs, Office of Compliance (BD-300), 5600 Fishers Lane, Rockville, MD 20852.

In accordance with the provisions of section 505 of the Act (21 U.S.C. 355) and the regulations promulgated thereunder (21 CFR Part 130), the Commissioner hereby gives the applicant(s) and any other interested person an opportunity for a hearing to show why approval of the new drug application(s) should not be withdrawn.

On or before April 2, 1973, the applicant(s) and any other interested person is required to file with the Hearing Clerk, Department of Health, Education, and Welfare, Room 6-88, 5600 Fishers Lane, Rockville, MD 20852, a written appearance electing whether or not to avail himself of the opportunity for a hearing. Failure of an applicant or any other interested person to file a written appearance of election within said 30 days will constitute an election by him not to avail himself of the opportunity for a hearing.

If no person elects to avail himself of the opportunity for a hearing, the Commissioner without further notice will enter a final order withdrawing approval of the application(s).

If an applicant or any other interested person elects to avail himself of the opportunity for a hearing, he must file, on or before April 2, 1973, a written appearance requesting the hearing, giving the reasons why approval of the new drug application(s) should not be withdrawn, together with a well-organized and full-factual analysis of the clinical and other investigational data he is prepared to prove in support of his opposition. A request for a hearing may not rest upon mere allegations or denials, but must set forth specific facts showing that a genuine and substantial issue of fact requires a hearing (21 CFR 130.14(b)).

If review of the data submitted by an applicant or any other interested person warrants the conclusion that there exists substantial evidence demonstrating the effectiveness of the product(s), and that the drug is safe for use for the labeling claims involved, the Commissioner will rescind this notice of opportunity for hearing.

If review of the data in the application(s) and data submitted by the applicant(s) or any other interested person in a request for a hearing, together with the reasoning and factual analysis in a request for a hearing, warrants the conclusion that no genuine and substantial issue of fact precludes the withdrawal of approval of the application(s), the Commissioner will enter an order of withdrawal making findings and conclusions on such data.

If, upon the request of the new drug applicant(s) or any other interested person, a hearing is justified, the issues will be defined, a hearing examiner will be named, and he shall issue, as soon as practicable after April 2, 1973, a written notice of the time and place at which the hearing will commence. All persons interested in identical, related, or similar products covered by the new drug application(s) will be afforded an opportunity to appear at the hearing, file briefs, pre-

sent evidence, cross-examine witnesses, submit suggested findings of fact, and otherwise participate as a party. The hearing contemplated by this notice will be open to the public except that any portion of the hearing that concerns a method or process the Commissioner finds entitled to protection as a trade secret will not be open to the public, unless the respondent specifies otherwise in his appearance.

Requests for a hearing and/or elections not to request a hearing may be seen in the Office of the Hearing Clerk (address given above) during regular business hours, Monday through Friday.

This notice is issued pursuant to provisions of the Federal Food, Drug, and Cosmetic Act (sec. 505, 52 Stat. 1033-53, as amended; 21 U.S.C. 355), and the Administrative Procedure Act (5 U.S.C. 554), and under authority delegated to the Commissioner (21 CFR 2.120).

Dated: February 21, 1973.

WILLIAM F. RANDOLPH,
Acting Associate Commissioner
for Compliance.

[FR Doc.73-3862 Filed 2-28-73; 8:45 am]

[DESI 9411; Docket No. FDC-D-516;
NDA No. 9-411 etc.]

PREPARATIONS CONTAINING MECLIZINE HYDROCHLORIDE AND PYRIDOXINE HYDROCHLORIDE FOR ORAL USE

Notice of Opportunity for Hearing on Proposal To Withdraw Approval of New Drug Applications

In a notice (DESI 9411) published in the FEDERAL REGISTER of March 22, 1972 (37 FR 5838) the Commissioner of Food and Drugs announced his conclusions pursuant to the evaluation of reports received from the National Academy of Sciences-National Research Council, Drug Efficacy Study Group, on the drugs described below stating that the drugs were regarded as possibly effective and lacking substantial evidence of effectiveness for the various labeled indications. The possibly effective indications have been reclassified as lacking substantial evidence of effectiveness in that no new evidence of effectiveness of the drugs has been submitted pursuant to the notice.

Bonadoxin Tablets and Drops, containing meclizine hydrochloride and pyridoxine hydrochloride; formerly marketed by J. B. Roerig Division, Pfizer Pharmaceuticals, 235 East 42d Street, New York, NY 10017 (NDA 9-411, NDA 10-095).

Therefore, notice is given to the holder(s) of the new drug application(s) and to any other interested person that the Commissioner proposes to issue an order under section 505(e) of the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 355(e)) withdrawing approval of the listed new drug application(s) and all amendments and supplements thereto on the grounds that new information before him with respect to the drug(s), evaluated together with the evidence available to him at the time of approval of the application(s), shows there is a lack

of substantial evidence that the drug(s) will have all the effects purported or represented to have under the conditions of use prescribed, recommended, or suggested in the labeling.

All identical, related, or similar products, not the subject of an approved new drug application, are covered by the new drug application(s) reviewed. See 21 CFR 130.40 (37 FR 23185, Oct. 31, 1972). Any manufacturer or distributor of such an identical, related, or similar product is an interested person who may in response to this notice submit data and information, request that the new drug application(s) not be withdrawn, request a hearing, and participate as a party in any hearing. Any person who wishes to determine whether a specific product is covered by this notice should write to the Food and Drug Administration, Bureau of Drugs, Office of Compliance (BD-300), 5600 Fishers Lane, Rockville, Maryland 20852.

In accordance with the provisions of section 505 of the Act (21 U.S.C. 355) and the regulations promulgated thereunder (21 CFR Part 130), the Commissioner hereby gives the applicant(s) and any other interested person an opportunity for a hearing to show why approval of the new drug application(s) should not be withdrawn.

On or before April 2, 1973, the applicant(s) and any other interested person is required to file with the Hearing Clerk, Department of Health, Education, and Welfare, Room 6-88, 5600 Fishers Lane, Rockville, Maryland 20852, a written appearance electing whether or not to avail himself of the opportunity for a hearing. Failure of an applicant or any other interested person to file a written appearance of election on or before April 2, 1973, will constitute an election by him not to avail himself of the opportunity for a hearing.

If no person elects to avail himself of the opportunity for a hearing, the Commissioner without further notice will enter a final order withdrawing approval of the application(s).

If an applicant or any other interested person elects to avail himself of the opportunity for a hearing, he must file, on or before April 2, 1973, a written appearance requesting the hearing, giving the reasons why approval of the new drug application(s) should not be withdrawn, together with a well-organized and full-factual analysis of the clinical and other investigational data he is prepared to prove in support of his opposition. A request for a hearing may not rest upon mere allegations of denials, but must set forth specific facts showing that a genuine and substantial issue of fact requires a hearing (21 CFR 130.14(b)).

If review of the data submitted by an applicant or any other interested person warrants the conclusion that there exists substantial evidence demonstrating the effectiveness of the product(s) for the labeling claims involved, the Commissioner will rescind this notice of opportunity for hearing.

If review of the data in the application(s) and data submitted by the appli-

cant(s) or any other interested person in a request for a hearing, together with the reasoning and factual analysis in a request for a hearing, warrants the conclusion that no genuine and substantial issue of fact precludes the withdrawal of approval of the application(s), the Commissioner will enter an order of withdrawal making findings and conclusions on such data.

If, upon the request of the new drug applicant(s) or any other interested person, a hearing is justified, the issues will be defined, a hearing examiner will be named, and he shall issue, as soon as practicable after April 2, 1973, a written notice of the time and place at which the hearing will commence. All persons interested in identical, related, or similar products covered by the new drug application(s) will be afforded an opportunity to appear at the hearing, file briefs, present evidence, cross-examine witnesses, submit suggested findings of fact, and otherwise participate as a party. The hearing contemplated by this notice will be open to the public except that any portion of the hearing that concerns a method or process the Commissioner finds entitled to protection as a trade secret will not be open to the public, unless the respondent specifies otherwise in his appearance.

Requests for a hearing and/or elections not to request a hearing may be seen in the Office of the Hearing Clerk (address given above) during regular business hours, Monday through Friday.

This notice is issued pursuant to provisions of the Federal Food, Drug, and Cosmetic Act (sec. 505, 52 Stat. 1052-53, as amended; 21 U.S.C. 355), and the Administrative Procedure Act (5 U.S.C. 554), and under authority delegated to the Commissioner (21 CFR 2.120).

Dated: February 21, 1973.

WILLIAM F. RANDOLPH,
Acting Associate Commissioner
for Compliance.

[FR Doc. 73-3864 Filed 2-28-73; 8:45 am]

[DESI 12339; Docket No. FDC-D-457; NDA 13-415]

MERCK SHARP & DOHME

Combination Drug Containing Dexamethasone Sodium Phosphate and Isoproterenol Sulfate for Inhalation; Notice of Withdrawal of Approval of New Drug Application

On December 13, 1972 there was published in the FEDERAL REGISTER (37 FR 26537) a notice of opportunity for hearing; (DESI 12339) in which the Commissioner of Food and Drugs proposed to issue an order under section 505(e) of the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 355(e)) withdrawing approval of the new drug application for the following drug:

NDA 13-415; ProDecadron Resphaler containing dexamethasone sodium phosphate and isoproterenol sulfate; Merck Sharp & Dohme, Division of Merck & Co., West Point, Pa. 19846.

The basis of the proposed withdrawal of approval was the lack of substantial

evidence that this fixed combination drug is effective for its claimed indications.

Neither Merck Sharp & Dohme nor any other interested person has filed a written appearance of election as provided by said notice. The failure to file such an appearance constitutes an election by such persons not to avail themselves of the opportunity for a hearing.

All identical, related, or similar products, not the subject of an approved new drug application, are covered by the new drug application reviewed and are subject to this notice. See 21 CFR 130.40 (37 FR 23185, Oct. 31, 1972). Any person who wishes to determine whether a specific product is covered by this notice should write to the Food and Drug Administration, Bureau of Drugs, Office of Compliance (BD-300), 5600 Fishers Lane, Rockville, Md. 20852.

The Commissioner of Food and Drugs, pursuant to the provisions of the Federal Food, Drug, and Cosmetic Act (sec. 505, 52 Stat. 1053, as amended; 21 U.S.C. 355), and the Administrative Procedure Act (5 U.S.C. 554), and under authority delegated to him (21 CFR 2.120), finds that on the basis of new information before him with respect to the drug, evaluated together with the evidence available to him when the application was approved, there is a lack of substantial evidence that the drug will have the effect it purports or is represented to have under the conditions of use prescribed, recommended, or suggested in the labeling thereof. The Commissioner further concludes that the drug is not appropriate for administration as a fixed dose combination within the guidelines set forth in the statement of General Policy or Interpretation § 3.86 *Fixed-Combination prescription drugs for humans*, published in the FEDERAL REGISTER of October 15, 1971 (36 FR 20037).

Therefore, pursuant to the foregoing findings, approval of new drug application 13-415 and all amendments and supplements applying thereto is withdrawn effective on March 1, 1973. Shipment in interstate commerce of the above-listed drug product or of any identical, related, or similar product, not the subject of an approved new drug application, is henceforth unlawful.

Dated: February 21, 1973.

WILLIAM F. RANDOLPH,
Acting Associate Commissioner
for Compliance.

[FR Doc. 73-3869 Filed 2-28-73; 8:45 am]

[DESI 5597; Docket No. FDC-D-562; NDA 8-240]

STRASBURGH PHARMACEUTICAL DIVISION, PENNWALT CORP.

Preparation Containing Acetaminophen, Salicylamide, Amphetamine Phosphate and Methylatropine Nitrate; Notice of Withdrawal of Approval of New Drug Application

A notice as published in the FEDERAL REGISTER of November 28, 1972 (37 FR 25185), extending to Strassenburgh Pharmaceutical Division, Pennwalt

Corp., Post Office Box 1766, Rochester, NY 14623 and to any interested person, an opportunity for hearing on the proposal of the Commissioner of Food and Drugs to issue an order under section 505(e) of the Federal Food, Drug, and Cosmetic Act withdrawing approval of NDA 8-240 for Strascogestic Tablets (acetaminophen, salicyamide, amphetamine phosphate and methylatropine nitrate). The basis of the proposed action was the lack of substantial evidence that the drug is effective for its labeled indications.

All identical, related, or similar products, not the subject on an approved new drug application, are covered by the new drug application reviewed and are subject to this notice. See 21 CFR 130.40 (37 FR 23185, Oct. 31, 1972). Any person who wishes to determine whether a specific product is covered by this notice should write to the Food and Drug Administration, Bureau of Drugs, Office of Compliance (BD-300), 5600 Fishers Lane, Rockville, Md. 20852.

Neither the holder of the application nor any other person filed a written appearance of election within the 30 days provided by said notice. The failure to file such an appearance constitutes an election by such persons not to avail themselves of an opportunity for hearing.

The Commissioner of Food and Drugs pursuant to provisions of the Federal Food, Drug, and Cosmetic Act (sec. 505, 52 Stat. 1053, as amended; 21 U.S.C. 355), and the Administrative Procedure Act (5 U.S.C. 554), and under authority delegated to him (21 CFR 2.120), finds that on the basis of new information before him with respect to the drug, evaluated together with the evidence available to him when the application was approved, there is a lack of substantial evidence that the drug will have the effect it purports or is represented to have under the conditions of use prescribed, recommended, or suggested in the labeling thereof.

Therefore, pursuant to the foregoing finding, approval of new drug application No. 8-240 and all amendments and supplements thereto is withdrawn effective on March 1, 1973.

Shipment in interstate commerce of the above-listed drug product or of any identical, related, or similar product, not the subject of an approved new drug application, is henceforth unlawful.

Dated: February 21, 1973.

WILLIAM F. RANDOLPH,
Acting Associate Commissioner
for Compliance.

[FR Doc.73-3883 Filed 2-28-73; 8:45 am]

National Institutes of Health

AD HOC COMMITTEE ON TESTING FOR ENVIRONMENTAL CHEMICAL CARCINOGENS

Notice of Open Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the Ad Hoc Committee on Testing for

Environmental Chemical Carcinogens, March 8-9, 1973, 9 a.m., National Institutes of Health, Building 37, Conference Room 1B-04. This meeting will be open to the public from 9 a.m., March 8-9, 1973, to discuss problems arising out of overlapping responsibilities of several agencies in the area of testing of environmental chemicals for carcinogenicity. Attendance by the public will be limited to space available.

Mr. Frank Karel, Associate Director for Public Affairs, NCI, Building 31, Room 10A31, National Institutes of Health, Bethesda, Md. 20014 (301-496-1911), will furnish summaries of the open meeting and roster of committee members.

Dr. Harold Stewart, Executive Secretary, Building 37 (ERF), Room 202, National Institutes of Health, Bethesda, Md. 20014 (301-496-6047), will provide substantive program information.

Dated: February 21, 1973.

JOHN F. SHERMAN,
Acting Director,
National Institutes of Health.

[FR Doc.73-3833 Filed 2-28-73; 8:45 am]

ALLIED HEALTH PROFESSIONS REVIEW COMMITTEE

Notice of Closed Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the Allied Health Professions Review Committee, March 21-23, 1973, at 9 a.m., National Institutes of Health, Building 31, Conference Room 7. This meeting will be open to the public from 9 a.m. to 10 a.m., March 21, to discuss appropriate announcements and answer questions of reviewers prior to the review of applications and closed to the public from 10 a.m. to 5 p.m., March 21, and from 9 a.m. to 5 p.m., March 22-23, 1973, in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

Summaries of meetings, rosters of committee members and substantive information may be obtained from the Executive Secretary, Dr. Merrill B. DeLong, Room 4C-16, Federal Building, telephone: 496-5697.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc.73-3817 Filed 2-28-73; 8:45 am]

BIOASSAY SEGMENT ADVISORY GROUP

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the Bioassay Segment Advisory Group, March 14, 1973, at 1 p.m. and March 15, 1973, at 9 a.m., National Institutes of Health, Building 37, Conference Room 1B04. This meeting will be open to the public from 3 p.m. until 5 p.m., March 15, 1973, to discuss the Bioassay Program

within the context of the carcinogenesis area, and closed to the public from 1 p.m. until 5 p.m., March 14, 1973, and from 9 a.m. until 3 p.m., March 15, 1973, in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

Mr. Frank Karel, Associate Director for Public Affairs, NCI, Building 31, Room 10A31, National Institutes of Health, Bethesda, Md. 20014 (301-496-1911) will furnish summaries of the open/closed meeting and roster of committee members.

Dr. James M. Sontag, Acting Manager, Bioassay Segment, Landow Building, Room B304, National Institutes of Health, Bethesda, Md. 20014 (301-496-5472) will provide substantive program information.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Acting Director,
National Institutes of Health.

[FR Doc.73-3827 Filed 2-28-73; 8:45 am]

BIOLOGY AND IMMUNOLOGY SEGMENT ADVISORY GROUP

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the Biology and Immunology Segment Advisory Group, March 21, 1973, at 9 a.m., National Institutes of Health, Building 37, Conference Room 1B04. This meeting will be open to the public from approximately 3 p.m. March 21, 1973, to discuss general concepts of the Biology and Immunology Research Program and closed to the public from 9 a.m. to 3 p.m., March 21, 1973, in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

Mr. Frank Karel, Associate Director for Public Affairs, NCI, Building 31, Room 10A31, National Institutes of Health, Bethesda, Md. 20014 (301-496-1911), will furnish summaries of the open/closed meeting and roster of committee members.

Allen H. Heim, Ph. D., Executive Secretary, Landow Building, A306, National Institutes of Health, Bethesda, Md. 20014 (301-496-1881), will provide substantive program information.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Acting Director,
National Institutes of Health.

[FR Doc.73-3826 Filed 2-28-73; 8:45 am]

BREAST CANCER EPIDEMIOLOGY COMMITTEE

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the Breast Cancer Epidemiology Committee, March 5, 1973, at 9 a.m., National Institutes of Health, Building 31, Conference Room 8. This meeting will be open to the public from 9 a.m. to 9:45 a.m., to

discuss general committee business, and closed to the public from 9:45 a.m. to 5 p.m., in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

Dr. Frank Karel, NCI Information Officer, Building 31, Room 10A31, National Institutes of Health, Bethesda, Md. 20014, 301-496-1911, will furnish summaries of the open/closed meeting and roster of committee members.

Dr. Bernice T. Radovich, Executive Secretary, Landow Building, Room A416, National Institutes of Health, Bethesda, Md. 20014 (301) 496-6773, will provide substantive program information.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Acting Director,
National Institutes of Health.

[FR Doc.73-3824 Filed 2-28-73;8:45 am]

BOARD OF SCIENTIFIC COUNSELORS

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the Board of Scientific Counselors (NIA MDD), March 30-31, 1973, at 9 a.m., National Institutes of Health, Building 4, Conference Room 335. This meeting will be open to the public from 9 a.m. to 10 a.m. on March 30 to discuss the general trend in research as regards arthritis, metabolism, and digestive diseases, and closed to the public from 10 a.m. to 5 p.m. on March 30, and 9 a.m. to adjournment on March 31, 1973, in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

Name of the person from whom rosters of committee members, summary of the meeting, and other information pertaining to the meeting may be obtained: Mr. Victor Wartofsky, Information Officer, NIAMDD, National Institutes of Health, Building 31, Room 9A04, Bethesda, Md., 301-496-3583.

Dated: February 21, 1973.

JOHN F. SHERMAN,
Acting Director,
National Institutes of Health.

[FR Doc.73-3830 Filed 2-28-73;8:45 am]

BOARD OF SCIENTIFIC COUNSELORS

Notice of Open Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the Board of Scientific Counselors on March 8 and 9, 1973, at the National Institutes of Health, Building 36, Conference Room 1B07. This meeting will be open to the public from 10:30 a.m. to 5 p.m. on March 8, 1973, during the general review of parts of the Intramural Research Program of the National Institute of Neurological Diseases and Stroke. The meeting will be closed to the public for the remainder of the meeting in accordance with the provisions set forth in section 10(d) of Pub-

lic Law 92-463. Attendance by the public will be limited to space available.

Mrs. Ruth Dudley, Information Officer, NINDS, Building 31, Room 8A03, telephone 496-5751, will furnish summaries of the open part of the meeting and rosters of committee members; and Dr. Henry G. Wagner, Director, IR, NINDS, Building 36, Room 5A05, telephone 496-4297 will give program information.

Dated: February 21, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc.73-3831 Filed 2-28-73;8:45 am]

CANCER CONTROL ADVISORY COMMITTEE

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the Cancer Control Advisory Committee, March 14, 1973, at 9 a.m., National Institutes of Health, Building 31, C Wing, Conference Room 7. This meeting will be open to the public from 9 a.m., March 14, 1973, to discuss minutes of last meeting, announcements, program report, personnel activities, actions taken on items from previous meeting and future meeting dates and closed to the public from 10:30 a.m., March 14, 1973, in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

Mr. Frank Karel, Associate Director for Public Affairs, NCI, Building 31, Room 10A31, National Institutes of Health, Bethesda, Md. 20014 (301-496-1911), will furnish summaries of the open/closed meeting and roster of committee members.

Dr. Robert L. Woolridge, Executive Secretary, Building 31, Room 10A19, National Institutes of Health, Bethesda, Md. 20014 (301-496-1946) will provide substantive program information.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Acting Director,
National Institutes of Health.

[FR Doc.73-3823 Filed 2-28-73;8:45 am]

CHEMISTRY AND MOLECULAR CARCINOGENESIS SEGMENT ADVISORY GROUP

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the Chemistry and Molecular Carcinogenesis Segment Advisory Group, March 20, 1973, at 9 a.m., National Institutes of Health, Building 31, A Wing, Conference Room 4. This meeting will be open to the public from approximately 3 p.m. March 20, 1973, to discuss general concepts of the Chemical and Molecular Carcinogenesis Research Program and closed to the public from 9 a.m. to 3 p.m., March 20, 1973, in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

Mr. Frank Karel, Associate Director for Public Affairs, NCI, Building 31, Room 10A31, National Institutes of Health, Bethesda, Md. 20014 (301-496-1911), will furnish summaries of the open/closed meeting and roster of committee members.

Ann E. Kaplan, Ph. D., Executive Secretary, Landow Building, A306, National Institutes of Health, Bethesda, Md. 20014 (301-496-5471), will provide substantive program information.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Acting Director,
National Institutes of Health.

[FR Doc.73-3825 Filed 2-28-73;8:45 am]

DENTAL CARIES PROGRAM ADVISORY COMMITTEE

Notice of Open Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the Dental Caries Program Advisory Committee, March 19 and 20, 1973, National Institutes of Health, Building 31-C, Conference Room 8. This meeting will be open to the public from 9 a.m. to 5 p.m., March 19, and from 9 a.m. to 12 noon on March 20. New committee members will be acquainted with the overall purpose and current activities as well as future research plans of the National Caries Program. Attendance by the public will be limited to space available.

The Executive Secretary from whom substantive information may be obtained is:

Dr. James P. Carlos, Associate Director, National Caries Program, National Institute of Dental Research, National Institutes of Health, Westwood Building, Room 528, Bethesda, Md. 20014.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc.73-3807 Filed 2-28-73;8:45 am]

DENTAL EDUCATION REVIEW COMMITTEE

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the Dental Education Review Committee, March 15-16, 1973, at 8:30 a.m., National Institutes of Health, Building 31, Conference Room 4, A Wing. This meeting will be open to the public from 8:30 a.m. to 9:30 a.m., March 15, 1973, to discuss current status of dental special project grants, start-up assistance grants, capitation waiver requests and post construction site visit assessment. The meeting will be closed to the public at 9:30 a.m., March 15, 1973, in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

1. The Executive Secretary who will furnish summaries of the closed meeting and rosters of committee members; Leonard P. Wheat, National Institutes of

Health, Building 31, Room 4B-44, phone 496-6641, and

2. The Executive Secretary from whom substantive information may be obtained; Leonard P. Wheat, National Institutes of Health, Building 31, Room 4B-44, phone 496-6641.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc. 73-3820 Filed 2-28-73; 8:45 am]

MEDICAL EDUCATION REVIEW COMMITTEE

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the Medical Education Review Committee, March 20-22, 1973, at 8:30 a.m. to 5 p.m., National Institutes of Health, Building 31, Conference Room 10. This meeting will be open to the public from 8:30 to 9:30 a.m., March 20, to discuss the minutes, and other Committee business and closed to the public from 9:30 a.m. on March 20 to 5 p.m. on March 22, 1973, in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

The names, addresses, room numbers and phone numbers of:

1. The Acting Executive Secretary who will furnish summaries of the meeting and rosters of Committee members:

Dr. Robert Hendrickson, National Institutes of Health, Building 31, Room 4C-11, area code 301, 496-6801.

2. The Acting Executive Secretary from whom substantive program information may be obtained:

Dr. Robert Hendrickson, National Institutes of Health, Building 31, Room 4C-11, area code 301, 496-6801.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc. 73-3818 Filed 2-28-73; 8:45 am]

NATIONAL ADVISORY ALLERGY AND INFECTIOUS DISEASES COUNCIL

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the National Advisory Allergy and Infectious Diseases Council, March 22-23, 1973, at 9 a.m., National Institutes of Health, Building 31, Conference Room 9. This meeting will be open to the public from 9 a.m. to 10 a.m., and from 1:30 p.m. to 5 p.m., on March 22, to discuss recent program developments and plans in the Institute's ongoing programs, and closed to the public from 10 a.m. to 1:30 p.m., on March 22, and from 9 a.m. to 12 noon on March 23, in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

Rosters of the committee members and/or summary of the meeting may be

obtained from Mr. Robert L. Schreiber, Information Officer, NIAID, National Institutes of Health, Building 31, Room 7A34, Bethesda, Md. 20014, telephone 496-5717. Substantive program information may be obtained from the Executive Secretary, Dr. William I. Gay, Associate Director, Extramural Programs, NIAID, National Institutes of Health, Westwood Building, Room 703, Bethesda, Md. 20014, telephone 496-7291.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc. 73-3803 Filed 2-28-73; 8:45 am]

NATIONAL ADVISORY CHILD HEALTH AND HUMAN DEVELOPMENT COUNCIL

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the National Advisory Child Health and Human Development Council, March 26-28, 1973, at 9 a.m., National Institutes of Health, Building 31, Conference Room 4. This meeting will be open to the public from 9 a.m. to 5 p.m., March 26, and 9 a.m. to 5 p.m., March 28, with reports and presentations by the Director, NICHD, members of NIH and NICHD staff, and Council members. Items included are current status reports, committee reports and scientific presentations. The meeting will be closed to the public from 9 a.m. to 5 p.m., March 27, in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

Ms. Patricia Gabbett, Information Officer, NICHD, Landow Building, Room A-804B, National Institutes of Health, 496-1533, will furnish summaries of the meeting and rosters of the committee members. Substantive information may also be obtained from Mrs. Marjorie Neff, Council Secretary, NICHD, Landow Building, Room C-633, National Institutes of Health, 496-1756.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Acting Director,
National Institutes of Health.

[FR Doc. 73-3805 Filed 2-28-73; 8:45 am]

NATIONAL ADVISORY DENTAL RESEARCH COUNCIL

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the National Advisory Dental Research Council, March 15 and 16, 1973, National Institutes of Health, Building 31-C, Conference Room 8. This meeting will be open to the public from 9:30 a.m. to adjournment on March 15, to discuss items of general interest. New organizational changes will be discussed with specific comments by Dr. Samuel Pruzansky, NIDR consultant, and Dr. Abner Notkins, NIDR senior investigator. The meeting will be closed to the public from

8 a.m. to adjournment on March 16, in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

The Executive Secretary from whom substantive information may be obtained is:

Dr. Clair L. Gardner, Deputy Director and Associate Director for Extramural Programs, National Institute of Dental Research, National Institutes of Health, Westwood Building, Room 503, Bethesda, Md. 20014.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc. 73-3806 Filed 2-28-73; 8:45 am]

NATIONAL ADVISORY ENVIRONMENTAL HEALTH SCIENCES COUNCIL

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the National Advisory Environmental Health Sciences Council, March 22-23, 1973, at 9 a.m., National Institutes of Health, Building 31-C, Conference Room 8. This meeting will be open to the public from 9 a.m., March 22, 1973, to report on legislative and budget developments; NIEHS's international collaborative programs including the recent visit of Russian scientists; and NIEHS intramural activities, and closed to the public from 1:30 p.m., March 22, 1973, in accordance with the provisions set forth in section 552(b)4 of title 5 U.S.C. and 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

The names, addresses, room numbers, and phone numbers of:

1. The NIEHS Committee Management Officer who will furnish summaries of the open meetings and rosters of committee members: Mrs. Leota Staff, Westwood Building, Room 404, Bethesda, Md. 20014 (301) 496-7483.

2. The Executive Secretary from whom substantive program information may be obtained: Dr. Otto A. Bessey, Acting Associate Director for Extramural Programs, NIEHS, Westwood Building, Room 404, Bethesda, Md. 20014 (301) 496-7483.

Dated: February 21, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc. 73-3828 Filed 2-28-73; 8:45 am]

NATIONAL ADVISORY EYE COUNCIL

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the National Advisory Eye Council, March 20, 1973, at 9 a.m., National Institutes of Health, Building 31, Conference Room 7. This meeting will be open to the public from 9 a.m., March 20, 1973, and the opening session will include a discussion

of items of general interest by the Director, National Eye Institute, recommendations of the Cornea Task Force, and recent developments concerning program and budget. The meeting will be closed to the public from 1:30 p.m., March 20, 1973, in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

Mr. Julian Morris, Information Officer, NEI, Building 31, Room 6A-27, National Institutes of Health, 496-5248, will furnish summaries of the meeting and rosters of the Council members. Substantive program information may also be obtained from Dr. George T. Brooks, Associate Director for Extramural and Collaborative Programs, National Eye Institute, Building 31, Room 6A-04, National Institutes of Health, 496-4903.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc.73-3808 Filed 2-28-73;8:45 am]

NATIONAL ADVISORY COUNCIL ON HEALTH PROFESSIONS EDUCATION

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the National Advisory Council on Health Professions Education, March 5, 1973, at 9:30 a.m., National Institutes of Health, Building 31, Conference Room 6. This meeting will be open to the public from 9:30 a.m., March 5, to discuss status reports by program administrators and closed to the public from 11 a.m., March 5, in accordance with the provisions set forth in section 10(d) of Public Law 92-563. Attendance by the public will be limited to space available.

The name, address, room number, and phone number of the Executive Secretary who will furnish summaries of the open meetings, rosters of Council members, and substantive program information is:

Ms. Lynn Stevens, Division of Physician and Health Professions Education, National Institutes of Health, Building 31, Room 4C-06, phone 496-5354.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc.73-3815 Filed 2-28-73;8:45 am]

NATIONAL ADVISORY COUNCIL ON NURSE TRAINING

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the National Advisory Council on Nurse Training, March 12-14, 1973, at 10:30 a.m. on March 12, National Institutes of Health, Building 31, Conference Room 6. This meeting will be open to the public from 10:30 a.m. to noon, March 12, 1973, to discuss general information of interest to the Council regarding the

Division of Nursing. Miss Jessie M. Scott, Director of the Division of Nursing, will cover announcements, introduction of new personnel, procedure for conduct of the meeting, discuss future meeting dates and the current status of program activity. The meeting will be closed to the public from 1 p.m., March 12, 1973, through 5 p.m., March 14, 1973, in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

The names, addresses, room numbers, and phone numbers of:

1. The BID Information Officer who will furnish summaries of the meeting and roster of committee members:

Mrs. Norma Golumbic, Information Officer, Division of Nursing, Room 508, Federal Building, National Institutes of Health, Bethesda, Md. 20014, telephone 496-1143.

2. The Executive Secretary from whom substantive program information may be obtained:

Mary S. Hill, Ph. D., Room 6C08, Federal Building, National Institutes of Health, Bethesda, Md. 20014, telephone 496-6985.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc.73-3816 Filed 2-28-73;8:45 am]

NATIONAL ADVISORY GENERAL MEDICAL SCIENCES COUNCIL

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the National Advisory General Medical Sciences Council, March 21-23, 1973. There will be a Scientific Symposium in the Jack Masur Auditorium, Clinical Center, National Institutes of Health, from 2-4 p.m. on March 21. The Council will convene on March 22 at 9 a.m., Building 31C, Conference Room 6, National Institutes of Health. The meeting will be open to the public from 2-4 p.m., March 21 (Scientific Symposium), and from 9 a.m. to 10:30 a.m. for opening remarks, introductions, announcements, etc., and closed to the public from 10:30 a.m. on March 22 through 12 noon on March 23, in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

Mr. Paul Deming, Information Officer, NIGMS, Building 31, Room 4A46, Bethesda, Md. 20014, telephone: 301-496-5676, will furnish a summary of the meeting and a roster of council members.

Substantive program information may be obtained from Dr. DeWitt Stetten, Jr., Executive Secretary, Building 31, Room 4A52, telephone 301-496-5231.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Acting Director,
National Institutes of Health.

[FR Doc.73-3809 Filed 2-28-73;8:45 am]

NATIONAL ADVISORY RESEARCH RESOURCES COUNCIL

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the National Advisory Research Resources Council, March 29-30, 1973, at 9 a.m., National Institutes of Health, Building 31, Conference Room 8. This meeting will be open to the public from 9 a.m. to 12:15 p.m., March 29 to discuss previous meeting minutes, consider future meeting dates, hear reports from the Director and Assistant Director, DRR, and for presentations on the highlight data concerning DRR programs and an overview of the Animal Resources Program. The meeting will be closed to the public from 1:15 p.m., March 29 until recess and from 9 a.m. to adjournment on March 30, in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

The Information Officer who will furnish summaries of the meetings and rosters of Council members is Mr. James Augustine, Division of Research Resources, Building 31, Room 4B03, Bethesda, Md. 20014, 496-5545.

The Executive Secretary from whom substantive information may be obtained is Dr. James F. O'Donnell, Assistant Director, Division of Research Resources, Building 31, Room 5B05, Bethesda, Md. 20014, 496-1817.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc.73-3813 Filed 2-28-73;8:45 am]

NATIONAL ARTHRITIS, METABOLISM, AND DIGESTIVE DISEASES ADVISORY COUNCIL

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the National Arthritis, Metabolism, and Digestive Diseases Advisory Council, March 14-16, 1973, at 8:30 to 10:30 p.m. on March 14, 9 a.m. to 5 p.m. on March 15 and 16, 1973, National Institutes of Health, Building 31, Conference Room 10. This meeting will be open to the public from 9 a.m. to 12:30 p.m. on March 15, 1973, to discuss administrative reports, and closed to the public from 8:30 p.m. to 10:30 p.m. on March 14, 1:30 p.m. to 5 p.m. on March 15 and 9 a.m. to 5 p.m. on March 16, 1973, in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

Name of the person from whom rosters of committee members, summary of the meeting, and other information pertaining to the meeting may be obtained: Mr. Victor Wartofsky, Information Officer, NIAMDD, National Institutes of Health,

Building 31, Room 9A04, Bethesda, Md.
(301) 496-3583.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Acting Director,
National Institutes of Health.

[FR Doc.73-3804 Filed 2-28-73;8:45 am]

NATIONAL BLOOD RESOURCE PROGRAM ADVISORY COMMITTEE

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the National Blood Resource Program Advisory Committee, March 13-14, 1973, at 9 a.m., National Institutes of Health, Building 31, Conference Room 2. This meeting will be open to the public from 1 p.m. to 2 p.m., March 14, 1973, to discuss administrative details relating to committee business; all other sessions will be closed to the public in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

Dr. Jerome G. Green, Director, Division of Extramural Affairs, NHLI, NIH Westwood Building, Room 5A18, 496-7416, will furnish summaries of the meeting and rosters of the committee members. Substantive program information may be obtained from the Executive Secretary, Dr. James N. Stengle, NHLI, NIH Building 31, Room 4A03, 496-5911.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc.73-3821 Filed 2-28-73;8:45 am]

NATIONAL HEART AND LUNG INSTITUTE BOARD OF SCIENTIFIC COUNSELORS

Notice of Open Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the National Heart and Lung Institute Board of Scientific Counselors, March 9 and 10, 1973, at 9 a.m., National Institutes of Health, Building 10, Room 7N214. This meeting will be open to the public from 9 a.m. to 5 p.m., March 9, and from 9 a.m. to 12 noon, March 10. The agenda includes presentations by the scientific staff of the Division of Intramural Research. Attendance by the public will be limited to space available.

Mr. Hugh Jackson, Information Officer, NHLI, NIH Building 31, Room 4A10, 496-4236, will furnish summaries of the meeting and rosters of the Board members. Substantive information may be obtained from Dr. Donald S. Fredrickson, NHLI, NIH Building 10, Room 7N214, 496-2116.

Dated: February 21, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc.73-3834 Filed 2-28-73;8:45 am]

NATIONAL HEART AND LUNG ADVISORY COUNCIL

Notice of Meeting

Pursuant to Public Law 92-423, notice is hereby given of the meeting of the National Heart and Lung Advisory Council, March 15, 16, and 17, 1973, at 9 a.m., National Institutes of Health, Building 31, Conference Room 6. This meeting will be open to the public from 9 a.m. to 3 p.m. on March 15 and from 9 a.m. to adjournment on March 17, to discuss program policies and issues, and implementation of the new legislation. It will be closed to the public from 3 p.m. on March 15 and all day on March 16 in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

Mr. Hugh Jackson, Information Officer, NHLI, Building 31, Room 4A10, 496-4236, will furnish summaries of the meetings and rosters of Council members, and Dr. Jerome Green, Director of the Division of Extramural Affairs, NHLI, Westwood Building, Room 5A18, 496-7416, will furnish substantive program information.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc.73-3810 Filed 2-28-73;8:45 am]

NATIONAL LIBRARY OF MEDICINE'S BOARD OF REGENTS

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the National Library of Medicine's Board of Regents on March 26, 1973, from 8:30 a.m. to 5 p.m., in the Board of Regents Room, Administration Building, University of Arizona, Tucson, Ariz. The meeting will be open to the public from 8:30 a.m. to 3 p.m. for administrative reports and program and operation discussions, and closed to the public from 3 p.m. to 5 p.m. in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

The Information Officer, who will furnish summaries of both the open and closed meeting portions, a roster of Board members, and substantive information, is: Mr. Robert B. Mehnert, Special Assistant to the Director for Communications Media, National Library of Medicine, Room M-122, 8600 Rockville Pike, Bethesda, Md. 20014, telephone 301-496-6308.

Dated: February 21, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc.73-3829 Filed 2-28-73;8:45 am]

NANDS COUNCIL RESEARCH SUBCOMMITTEE

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the NANDS Council Research Subcommittee, March 7, 1973, at 8:30 a.m., in The Gallery (Room), Holiday Inn, 8120 Wisconsin Avenue, Bethesda, Md. This meeting will be open to the public from 8:30 a.m. to 10:30 a.m. on March 7, 1973, to discuss program planning and program accomplishments and closed to the public from 10:30 a.m., March 7, 1973, until the conclusion of the meeting to review, discuss and evaluate and/or rank research grant applications in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

1. The Institute Information Officer who will furnish summaries of the meeting and rosters of committee members is: Mrs. Ruth Dudley, Building 31, Room 8A03, phone: 496-5751.

2. The Executive Secretary from whom substantive program information may be obtained is: Dr. O. Malcolm Ray, Room 7A18A, Westwood Building, NIH, phone: 496-7220.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc.73-3811 Filed 2-28-73;8:45 am]

NANDS COUNCIL TRAINING SUBCOMMITTEE

Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the NANDS Council Training Subcommittee, March 12, 1973, at 8:30 a.m., in The Gallery (Room), Holiday Inn, 8120 Wisconsin Avenue, Bethesda, Md. This meeting will be open to the public from 8:30 a.m. to 10:30 a.m. on March 12, 1973, to discuss program planning and program accomplishments and closed to the public from 10:30 a.m., March 12, 1973, until the conclusion of the meeting to review, discuss and evaluate and/or rank training grant and research career development award applications in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

1. The Institute Information Officer who will furnish summaries of the meeting and rosters of committee members is: Mrs. Ruth Dudley, Building 31, Room 8A03, phone: 496-5751.

2. The Executive Secretary from whom substantive program information may be obtained is: Dr. Raymond Summers, Room 7A18B, Westwood Building, NIH, phone: 496-7727.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc.73-3812 Filed 2-28-73;8:45 am]

**NINDS SCIENCE INFORMATION PROGRAM
ADVISORY COMMITTEE**
Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the NINDS Science Information Program Advisory Committee, March 5 and 6, at 9 a.m., University of Nebraska Medical School, Omaha, Nebr., Wittson Hall, Room 3042. This meeting will be open to the public from 9 a.m. to 5 p.m. March 5, 1973, to discuss the program activities of the NINDS Neurological Information Network. Progress of contracts with the University of Nebraska, Johns Hopkins University, and the Mayo Clinic will be discussed, and a joint meeting with the Advisory Committee for the Clinical Neurology Information Center at the University of Nebraska will be held to discuss in some detail the operation of the Clinical Neurology Information Center. The meeting will be closed to the public from 8:30 a.m. to 5 p.m. March 6, 1973, in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

Mrs. Ruth Dudley, Information Officer, NINDS, Building 31, Room 8A03, Bethesda, Md., telephone, 496-5751, will furnish summaries of the open part of the meeting and rosters of committee members; and Mr. Alfred Weissberg, Federal Building, Room 706, Bethesda, Md., telephone 496-5228, will give program information.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc. 73-3822 Filed 2-28-73; 8:45 am]

**OPTOMETRY, PHARMACY, PODIATRY, AND
VETERINARY MEDICINE EDUCATION
REVIEW COMMITTEE**
Notice of Meeting

Pursuant to Public Law 92-463, notice is hereby given of the meeting of the Optometry, Pharmacy, Podiatry, and Veterinary Medicine Education Review Committee, March 19-20, 1973, at 9 a.m., National Institutes of Health, Building 31, Conference Room 5. This meeting will be open to the public from 9 a.m. to 11 a.m., March 19, 1973, to discuss grant review guidelines and procedures and closed to the public thereafter, in accordance with the provisions set forth in section 10(d) of Public Law 92-463. Attendance by the public will be limited to space available.

The names, addresses, room numbers, and phone numbers of:

1. The Executive Secretary who will furnish summaries of the closed meeting and rosters of committee members; Philip R. Hugill, National Institutes of Health, Building 31, Room 4B-43, phone 496-6631, and

2. The Executive Secretary from whom substantive information may be obtained; Philip R. Hugill, National Insti-

tutes of Health, Building 31, Room 4B-43, phone 496-6631.

Dated: February 20, 1973.

JOHN F. SHERMAN,
Deputy Director,
National Institutes of Health.

[FR Doc. 73-3819 Filed 2-28-73; 8:45 am]

Office of Education
ENVIRONMENTAL EDUCATION PROGRAM
**Notice of Closing Date for Submission of
Applications**

The Environmental Education Act, Public Law 91-516, authorizes a program of grants to institutions of higher education, State and local educational agencies, regional educational research organizations and other public and private nonprofit agencies, organizations, and institutions to support research, demonstration, and pilot projects designed to educate the public on the problems of environmental quality and ecological balance.

Notice is hereby given that, in order to receive consideration for an award from funds appropriated for the fiscal year 1973, applications for "General Project" grants and "Minigrants" under the Environmental Education Act must be received no later than March 5, 1973. Activities to be given priority within the "General Project" category (section 3 of the Act) include Resource Material Development, Personnel Development, Elementary and Secondary Education, and Community Education projects. Under the "Minigrant" category (section 5 of the Act), awards of \$10,000 or less will be

made for community education projects focusing on local environmental projects.

Application forms, instructions, and other pertinent information may be obtained from and completed applications must be filed with the Office of Environmental Education, Office of Education, Code 424, 400 Maryland Avenue SW., Washington, D.C. 20202.

Dated: February 21, 1973.

JOHN OTTINA,
Acting Commissioner of Education.

[FR Doc. 73-3873 Filed 2-28-73; 8:45 am]

Office of the Secretary
ASSISTANT SECRETARY FOR ADMINISTRATION AND MANAGEMENT ET AL.
Delegation of Authority

Notice is hereby given of the Delegation of Authority issued by the Secretary to the Assistant Secretary for Administration and Management, the Assistant Secretary for Health, the Assistant Secretary for Education, the Commissioner of Social Security and the Administrator, Social and Rehabilitation Service to make determinations that committee meetings or portions thereof may be closed to the public. The delegation reads as follows:

Authority to make determinations that committee meetings or portions thereof may be closed to the public pursuant to the provisions of section 10(d) of the Federal Advisory Committee Act (Public Law 92-463) is hereby delegated to the following officials with respect to those committees under their administrative jurisdiction:

Official	Administrative jurisdiction
Assistant Secretary for Administration and Management.	Committees within the Office of the Secretary except those under the administrative authority of the Assistant Secretary for Health.
Assistant Secretary for Health.....	Health Services and Mental Health Administration, Food & Drug Administration, and the National Institutes of Health committees and other committees established by the Assistant Secretary for Health.
Assistant Secretary for Education.....	Office of Education and National Institute of Education committees and other committees under the Education Division.
Commissioner of Social Security.....	Committees under Commissioner of Social Security Administration.
Administrator, Social and Rehabilitation Service.	Committees under Administrator, Social and Rehabilitation Service.

This authority is to be exercised in accordance with the requirements of the Act and only with respect to the following:

1. Meetings, to the extent that they directly involve review, discussion or consideration of records of the Department which are exempt from disclosure under 5 U.S.C. 552(b) (4), (6), and (7), namely, (a) records containing trade secrets and commercial or financial information obtained from a person and privileged or confidential; (b) personnel, medical and similar files the disclosure of which would constitute a clearly unwarranted invasion of personal privacy; and (c) inves-

tigatory files compiled for law enforcement purposes;

2. Meetings to the extent that they involve the review, discussion, and evaluation of specific drugs and devices regulated by FDA which are intended to result in recommendations for regulatory decisions under the Federal Food, Drug and Cosmetic Act and which are concerned with matters listed in 5 U.S.C. 552(b) (4), (5), and (7);

3. Meetings held for the sole purpose of considering and formulating advice which the committee will give or any final report it will render provided;

(a) The meeting will involve solely the internal expression of views and

judgments of the members and it is essential to close the meeting or portions thereof to protect the free exchange of such views and avoid undue interference with agency or committee operations, and such views if reduced to writing would be protected from mandatory disclosure under section 552(b)(5) of Title 5 U.S.C.;

(b) The meeting is closed for the shortest time necessary, and a report summarizing the work of the committee during the closed session, prepared by the Executive Secretary, will be made available promptly to the public;

(c) When feasible, the public is given a timely opportunity to present relevant information and views to the committee; and

(d) Concurrence for closing the meetings for such purpose is obtained from the Office of the General Counsel and the Office of Public Affairs.

Determinations shall be made in accordance with procedures adopted from time to time by the Department Committee Management Officer.

The Assistant Secretary for Health may redelegate this authority to the heads of the Food and Drug Administration, Health Services and Mental Health Administration and National Institutes of Health. The Assistant Secretary for Education may redelegate this authority to the heads of Office of Education and National Institute of Education. No further redelegation may be made.

Effective date. This authority shall be effective January 5, 1973.

Dated: December 30, 1972.

THOMAS S. McFEE,
*Acting Assistant Secretary for
Administration and Management.*

FEBRUARY 21, 1973.

[FR Doc.73-3883 Filed 2-28-73; 8:45 am]

ASSISTANT SECRETARY FOR HEALTH

Delegation of Authority

Notice is hereby given of the delegation of authority by the Secretary to the Assistant Secretary for Health to establish initial grant review committees, study sections, and technical advisory committees. The delegation reads as follows:

I hereby delegate to the Assistant Secretary for Health authority to establish initial grant review committees, study sections, and technical advisory committees in accordance with the provisions of section 9(a) of the Federal Advisory Committee Act (Public Law 92-463), to advise you and officials reporting to you on matters which are within the jurisdiction of the office of the Assistant Secretary for Health, the Food and Drug Administration, the National Institutes of Health, and the Health Services and Mental Health Administration.

This authority may not be redelegated.

Effective date. This delegation shall be effective January 5, 1973.

Dated: December 30, 1972.

THOMAS S. McFEE,
*Acting Assistant Secretary for
Administration and Management.*

FEBRUARY 21, 1973.

[FR Doc.73-3885 Filed 2-28-73; 8:45 am]

DEPARTMENT COMMITTEE MANAGEMENT OFFICER

Delegation of Authority

Notice is hereby given of the delegation of authority by the Secretary to the Department Committee Management Officer of authorities and responsibilities contained in section 8(b)(2) and (3) of the Federal Advisory Committee Act (P.L. 92-463). The delegation reads as follows:

I hereby delegate to the Department Committee Management Officer the authorities and responsibilities vested in me by Section 8 of the Federal Advisory Committee Act (P.L. 92-463).

The authorities and responsibilities contained in Section 8(b)(2) and (3) relating to reports, records, and other papers of committees may be redelegated.

Effective date. This authority shall be effective on January 5, 1973.

Dated: December 30, 1972.

THOMAS S. McFEE,
*Acting Assistant Secretary for
Administration and Management.*

FEBRUARY 21, 1973.

[FR Doc.73-3884 Filed 2-28-73; 8:45 am]

DIRECTOR OF PUBLIC SERVICES ET AL.

Delegation of Authority

Notice is hereby given of the delegation of authority by the Department Committee Management Officer to the Director of Public Services, Department Information Center Officer for the Office of the Secretary, Health Services and Mental Health Administration, and National Institutes of Health; the Assistant Commissioner for Public Affairs for the Food and Drug Administration; the Assistant Commissioner for Public Information for the Office of Education; the Assistant Commissioner for Public Affairs for the Social Security Administration; the Assistant Administrator, Office of Public Affairs for the Social and Rehabilitation Service; and the Assistant to the Director for Public Information for the National Institute of Education. The delegation reads as follows:

Pursuant to the authority delegated to me by the Secretary I hereby redelegate to the Director of Public Services, Department Information Center Officer for the Office of the Secretary, Health Services and Mental Health Administration, and National Institutes of Health;

the Assistant Commissioner for Public Affairs for the Food and Drug Administration; the Assistant Commissioner for Public Information for the Office of Education; the Assistant Commissioner for Public Affairs for the Social Security Administration; the Assistant Administrator, Office of Public Affairs for the Social and Rehabilitation Service; and the Assistant to the Director for Public Information for the National Institute of Education, the authorities and responsibilities of section 8(b)(3) of the Federal Advisory Committee Act (P.L. 92-463) relating to the carrying out of the provisions of Section 552 of Title 5, U.S.C. with respect to reports, records, and other papers of advisory committees.

This authority may not be redelegated.

Effective date. This delegation shall be effective January 5, 1973.

Dated: January 2, 1973.

THOMAS S. McFEE,
*Acting Assistant Secretary for
Administration and Management.*

FEBRUARY 21, 1973.

[FR Doc.73-3886 Filed 2-28-73; 8:45 am]

EXECUTIVE SECRETARIES OF ADVISORY COMMITTEES

Delegation of Authority

Notice is hereby given of the Delegation of Authority by the Department Committee Management Officer to the designated Executive Secretary of each advisory committee. The delegation reads as follows:

Pursuant to the authority delegated to me by the Secretary, I hereby redelegate to the designated Executive Secretary of each advisory committee the authorities and responsibilities of section 8(b)(2) of the Federal Advisory Committee Act (P.L. 92-463) relating to the assembly and maintenance of reports, records and other papers of advisory committees.

This authority may not be redelegated.

Effective date. This delegation shall be effective January 5, 1973.

Dated: January 2, 1973.

THOMAS S. McFEE,
*Acting Assistant Secretary for
Administration and Management.*

FEBRUARY 21, 1973.

[FR Doc.73-3887 Filed 2-28-73; 8:45 am]

ATOMIC ENERGY COMMISSION

[Docket No. 50-382A]

LOUISIANA POWER & LIGHT CO.

Antitrust Hearing on Application for Construction Permit

Pursuant to the Atomic Energy Act of 1954, as amended (the Act), and the regulations in Title 10, Code of Federal

Regulations, Part 50, "Licensing of Production and Utilization Facilities," and Part 2, rules of practice, notice is hereby given that a hearing will be held at a time and place to be set in the future by an Atomic Safety and Licensing Board (Board) designated herein, to consider the antitrust aspects of the application filed under the Act by Louisiana Power & Light Co. (applicant) for a construction permit for a pressurized water nuclear power reactor, designated as Waterford Steam Electric Generating Station, Unit 3. The proposed facility is to be located on the west bank of the Mississippi River near the town of Taft in St. Charles Parish, about 20 miles west of New Orleans, La.

The hearing will be conducted by an Atomic Safety and Licensing Board (Board) designated by the Atomic Energy Commission (Commission) consisting of Dr. George R. Hall, Douglas V. Rigger, Esq., and Hugh R. Clark, Esq., chairman.

On August 31, 1972, the Commission published in the FEDERAL REGISTER the Attorney General's advice concerning the antitrust aspects of the Louisiana Power and Light Co.'s application for construction permits in this proceeding (37 FR 17775). Inter alia, the Attorney General informed the Commission of the applicant's agreement to accept certain conditions to a construction permit. In the Attorney General's opinion, the "conditions are calculated to provide immediately, and on reasonable terms, access to a number of the coordination arrangements which are most urgently needed by those who have complained about applicant's previous conduct." The advisory letter concluded that these license conditions would provide "prompt relief against many of the alleged anticompetitive practices of the applicant," and that:

[a]ccordingly, we recommend that these commitments by applicant be imposed by the Commission as license conditions, as agreed by applicant. If this were done, we do not think it would be necessary to hold an antitrust hearing on this application.

The August 31 FEDERAL REGISTER notice provided that, within 30 days, any person whose interest may be affected by this proceeding could file a petition for leave to intervene and request for an antitrust hearing. Petitions requesting leave to intervene and an antitrust hearing were subsequently received from the Louisiana Electric Cooperative, Inc. (LEC), the Cities of Lafayette and Plaquemine, La. (Cities), the Dow Chemical Co. (Dow), and the Louisiana Municipal Association Utilities Group (LMA). In its responses to these petitions, the applicant urged that each petition be denied. The Regulatory Staff supported the first three petitions, but considered the LMA petition inadequate in its present form.

As set forth in a memorandum and order on this matter dated February 23, 1973, the Commission has determined that an antitrust hearing should be held on applicant's request for a construction permit, and accordingly has established the aforementioned Atomic Safety and Licensing Board. The Commission has

further determined that insofar as the Cities, on the basis of the allegations in their petition seek access to the Waterford Unit involved in this proceeding, and the proposed license conditions would not grant such access, the Cities have satisfied the requirements for intervention and should be admitted as parties to the proceeding.

The Commission believes that the remainder of the Cities petition, as well as all the other petitions, raise various matters which need further clarification prior to a ruling concerning intervention. Accordingly, the Commission's memorandum and order directed the Board to meet with the parties, or require additional pleadings, as appropriate, to clarify the record. Among other things, the Board was directed to:

(a) Ascertain the specific relief sought by each petitioner, including the Cities. In this connection, petitioners should be asked to specify the relationship between the specific relief sought and the "activities under the license" proposed for Waterford Unit 3.

(b) Determine the scope of the Attorney General's proposed license conditions vis-a-vis the specific relief sought by each petitioner. Once the scope of the conditions is clarified, petitioners should detail in what respect, if any, the aforementioned license conditions would not grant the specified relief.

(c) Explore the possibility of developing some interim relief which would permit construction of the Waterford 3 Unit pending final disposition of all relevant antitrust matters.

Following clarification of these matters and any others the Board deems relevant, the Board shall certify the record to the Commission for further consideration, along with the Board's recommendations concerning the petitions to intervene, the issues appropriate for hearing, if any, and interim relief possibilities. In light of the status of the non-antitrust aspects of this proceeding, the Commission believes it appropriate that such certification occur within 60 days of the date of its aforementioned memorandum and order.

The ultimate issue to be considered in this proceeding is whether the activities under the permit in question would create or maintain a situation inconsistent with the antitrust laws as specified in subsection 105a of the Atomic Energy Act. In its initial decision the Board will decide those matters relevant to that issue which are in controversy among the parties and make its findings on the issue.¹

The application and the Attorney General's letter have been placed in the Commission's Public Document Room, 1717 H Street NW., Washington, DC. As

¹ Matters of radiological health and safety and common defense and security, and matters raised under the National Environmental Policy Act of 1969, are being considered at another hearing, pursuant to a notice published in the FEDERAL REGISTER on August 16, 1972 (37 FR 16562).

they become available, the transcripts of the prehearing conference and of the hearing will also be placed in the Commission's Public Document Room, where they will be available for inspection by members of the public. Copies of all the foregoing documents will also be available at the St. Charles Parish Library, Hahnville, La.

Any person who wishes to make an oral or written statement in this proceeding setting forth his position on the issue specified, but who has not filed a petition for leave to intervene, may request permission to make a limited appearance pursuant to the provisions of 10 CFR 2.715 of the Commission's rules of practice. Limited appearances will be permitted at the time of the hearing in the discretion of the Board, within such limits and on such conditions as may be fixed by the Board. Persons desiring to make a limited appearance are requested to inform the Secretary of the Commission, U.S. Atomic Energy Commission, Washington, D.C. 20545, not later than April 2, 1973. A person permitted to make a limited appearance does not become a party, but may state his position and raise questions which he would like to have answered to the extent that the questions are within the scope of the hearing as specified hereinabove. A member of the public does not have the right to participate in the proceeding unless he has been granted the right to intervene as a party or the right of limited appearance.

In the event that any of the remaining pending petitions to intervene are granted, persons permitted to intervene shall become parties to the proceeding, and shall have all the rights of the applicant and the regulatory staff to participate fully in the conduct of the hearing.

An answer to this notice, pursuant to the provisions of 10 CFR 2.705 of the Commission's rules of practice, must be filed by the applicant not later than March 21, 1973.

Papers required to be filed in this proceeding may be filed by mail or telegram addressed to the Secretary of the Commission, U.S. Atomic Energy Commission, Washington, D.C. 20545, Attention: Chief, Public Proceedings Branch, 1717 H Street NW., Washington DC. Pending further order of the Board, parties are required to file, pursuant to the provisions of 10 CFR 2.708 of the Commission's rules of practice, an original and 20 conformed copies of each such paper with the Commission.

With respect to this proceeding, the Commission has delegated to the Atomic Safety and Licensing Appeal Board the authority and the review function which would otherwise be exercised and performed by the Commission. The Commission has established the Appeal Board pursuant to 10 CFR 2.785 of the Commission's rules of practice, and has made the delegation pursuant to paragraph (a) (1) of that section. The Appeal Board for this proceeding will be composed of

three members designated in a subsequent Commission notice (10 CFR 2.787).

Dated: February 23, 1973.

UNITED STATES ATOMIC
ENERGY COMMISSION,
PAUL C. BENDER,
Secretary of the Commission.

[FR Doc.73-3851 Filed 2-28-73;8:45 am]

[Dockets Nos. 50-416, 50-417]

MISSISSIPPI POWER & LIGHT CO.
Notice and Order for Prehearing
Conference

In the matter of Mississippi Power & Light Co. (Grand Gulf Nuclear Station, Units 1 and 2).

Notice is hereby given that, pursuant to the Atomic Energy Commission's notice of hearing on application for construction permit dated December 1, 1972 (37 FR 26459), and in accordance with § 2.751a of said Commission's rules of practice, 10 CFR Part 2, a special prehearing conference will be held in the above-captioned proceeding on Wednesday, April 18, 1973, at 10 a.m., local time, in the courtroom of the Circuit Court of Cleveland County, County Courthouse, Market Street, Port Gibson, MS 39150.

This special prehearing conference will be held before the Atomic Safety and Licensing Board established by the Commission January 30, 1973, and composed of Dr. Marvin M. Mann, Dr. William E. Martin, and Mr. Daniel M. Head, Chairman, with Mr. Gustave A. Linenberger the technically qualified alternate and Mr. Joseph F. Tubridy the alternate chairman.

This special prehearing conference will deal with the following matters:

1. Identification of the key issues;
2. Any steps necessary for further identification of the issues;
3. Outstanding petitions for intervention;
4. All pending motions;
5. The need for discovery, and the time required therefor;
6. Establishment of a schedule for further action; and
7. Such other matters as may aid in the orderly disposition of the proceeding.

At the special prehearing conference, the Board will entertain oral argument on the outstanding petitions to intervene. As part of this oral argument, the Board will expect discussion in detail by counsel for the parties and for the petitioners, both of the petitioner's interest and of the specific contentions.

Members of the public are invited to attend this prehearing conference as well as the evidentiary hearing to be held at a later date to be fixed by the Board. Members of the public wishing to make limited appearances may identify themselves at this prehearing conference but oral or written statements to be presented by limited appearance will not be received at this conference. The Board will receive such statements at the aforementioned evidentiary hearing.

Dated this 22d day of February 1973 at Washington, D.C.

By order of the Atomic Safety and Licensing Board.

DANIEL M. HEAD,
Chairman.

[FR Doc.73-3795 Filed 2-28-73;8:45 am]

CIVIL RIGHTS COMMISSION
ALABAMA STATE ADVISORY COMMITTEE
Notice of Open Meeting

Notice is hereby given, pursuant to the provisions of the rules and regulations of the U.S. Commission on Civil Rights, that a meeting of the Alabama State Advisory Committee will convene at 1 p.m. on March 2 and at 9 a.m. on March 3, 1973, in the Blue Room of the Holiday Inn (Midtown), 924 Madison Avenue, Montgomery, AL 36104. This meeting shall be open to the public.

The purposes of this meeting shall be to collect information concerning legal developments constituting a denial of the equal protection of the laws under the Constitution because of race, color, religion, sex, or national origin which affect the rights of prisoners in Montgomery, Ala.; to appraise denials of equal protection of the laws under the Constitution because of race, color, religion, sex, or national origin as these pertain to the rights of prisoners in Montgomery, Ala.; and to disseminate information with respect to denials of the equal protection of the laws because of race, color, religion, sex, or national origin with respect to the rights of prisoners in Montgomery, Ala., and related areas.

A closed or executive session of the Alabama State Advisory Committee will convene on March 1, at 8 p.m. At this session Committee members will discuss matters which may tend to defame, degrade, or incriminate individuals, and as such this session is closed to the public.

This meeting will be conducted pursuant to the rules and regulations of the Commission.

Dated at Washington, D.C., February 26, 1973.

ISAIAH T. CRESWELL, Jr.,
Advisory Committee
Management Officer.

[FR Doc.73-3988 Filed 2-28-73;8:45 am]

COST OF LIVING COUNCIL
[Cost of Living Council Order No. 19]

COMMISSIONER OF INTERNAL REVENUE
Delegation of Authority

EDITORIAL NOTE: This document was originally published as FR Doc 73-3333 on page 4801 of the issue of Thursday, February 22, 1973. The document is being republished to clarify the material in the paragraph numbered 2. The limitations in the material immediately following 2(b) modify both 2 (a) and (b), as set forth below.

Pursuant to the authority vested in me by Cost of Living Council Order No. 14, it is hereby ordered as follows:

1. The delegation of authority to the Commissioner of Internal Revenue (the Commissioner) in Cost of Living Council Order No. 15 is hereby reaffirmed and continued.

2. In addition, for the purpose of obtaining consistency in the stabilization of wages and salaries within certain trades, industries, and other specified groups of employees, there is hereby delegated to the Commissioner the authority to—

(a) Issue a decision on any request for exception, and

(b) Challenge, review and issue a decision under 6 CFR 201.35,

with respect to any pay adjustment which applies to a specified appropriate employee unit, group, or class of employees, the precedent for which has been established by a Pay Board decision and order issued prior to January 11, 1973, or pursuant to the interim authority delegated to the Chairman of the Pay Board by Cost of Living Council Order No. 17, which provides that pay adjustments within such specified appropriate employee unit, group or class of employees are appropriate for such action by the Commissioner.

Further, the Pay Board or the Council may issue a separate order identifying a particular decision and order, which does not contain such provision, as a precedent for the Commissioner to follow in carrying out the authority delegated to him under this order.

3. Where references are made in this order to specific CFR sections, such delegated authority shall extend to any subsequent renumbering of such sections. Where substantive changes are made to said enumerated CFR sections, the authority delegated by this order shall extend to such changes unless expressly provided otherwise by the Cost of Living Council.

4. The Commissioner may redelegate to any agency, instrumentality, or official of the United States any authority under this order, and may in carrying out the functions delegated by this order, utilize the services of any other agencies, Federal or State, as may be available and appropriate.

5. This delegation shall be effective as of January 11, 1973.

JOHN T. DUNLOP,
Director, Cost of Living Council.
[FR Doc.73-3333 Filed 2-21-73;8:45 am]

COMMISSIONER OF INTERNAL REVENUE
Delegation of Authority

EDITORIAL NOTE: This document was originally published as FR Doc 73-3333 on page 4801 of the issue of Thursday, February 22, 1973. The document is being republished to clarify the material in the paragraph numbered 2. The limitations in the material immediately following 2(b) modify both 2 (a) and (b), as set forth below.

Pursuant to the authority vested in me by Cost of Living Council Order No. 14, it is hereby ordered as follows:

MANUFACTURERS OF COFFEE OR COFFEE PRODUCTS

Revocation of Price Commission Orders Nos. 9, 9A, 9B, and 9C

On August 16, 1972, the Price Commission issued Price Commission Order No. 9 (37 FR 16640, August 17, 1972) rescinding, with respect to green coffee beans and raw materials derived directly therefrom, all volatile pricing authorizations granted to prenotification firms under § 300.51(f) of the Phase II regulations of the Commission, prescribing special rules

governing manufacturers' prices for coffee or coffee products, and requiring special reports from prenotification and reporting firms engaged in the manufacture of coffee or coffee products.

Price Commission Order No. 9 was amended by Order No. 9A on August 22, 1972 (37 FR 17111, August 24, 1972) and revised and superseded by Order No. 9B (37 FR 17870, September 1, 1972) and Order No. 9C (37 FR 18595, September 13, 1972) which clarified various points raised by firms subject to the orders.

Under section 3(a) of Executive Order 11895, which initiated Phase III of the Economic Stabilization Program, Price Commission Orders Nos. 9, 9A, 9B, and 9C remained in effect after the termination of Phase II on January 11, 1973. Among other things, section 3(a) of the Executive order provided that orders, regulations, and notices issued pursuant to Executive Orders 11627 or 11640, which governed Phase II, remain in effect until "altered, amended, or revoked" by the Chairman of the Council or such competent authority as the Chairman may specify.

After review of Price Commission Orders Nos. 9, 9A, 9B, and 9C, the Council has determined that they should be revoked, effective February 27, 1973.

For manufacturers in the food industry subject to the prenotification requirements of § 130.57 of the Phase III regulations of the Council, revocation of the orders will reinstate the authorizations granted during Phase II for volatile pricing of green coffee beans and raw materials derived directly therefrom.

The Council considers it appropriate at this time to reinstate the pricing flexibility afforded prenotification firms by volatile pricing authorizations to enable the firms to establish price levels for coffee products in a manner responsive to continued frequent fluctuations in the market price for green coffee beans and raw materials derived directly therefrom.

For the purpose of cost justifying a price increase after the effective date of this order, a manufacturer of coffee or coffee products may only use cost increases incurred and continuing to be incurred since the date of the last price increase before the effective date of this order.

Prenotification firms for which volatile pricing authority is reinstated by this notice will be notified by the Council with respect to their adjusted currently authorized price level from which in-

creases in the cost of green coffee beans and raw materials derived directly therefrom may be reflected, dollar-for-dollar and without prenotification, in price increases under §§ 300.51(f)-(1) of the Phase II regulations of the Price Commission which remain applicable during Phase III under § 130.57 of the Phase III regulations.

Reinstitution of volatile pricing authority for prenotification firms with respect to green coffee beans and raw materials derived directly therefrom does not otherwise affect the applicability to all manufacturers of coffee or coffee products of Subpart F of the Phase III regulations which governs the prices of firms in the food industry.

In accordance with the foregoing, Price Commission Orders Nos. 9, 9A, 9B, and 9C are revoked, effective February 27, 1973.

Issued in Washington, D.C., on February 27, 1973.

JAMES W. McLANE,
Deputy Director,
Cost of Living Counsel.

[FR Doc.73-3973 Filed 2-28-73;8:45 am]

FEDERAL COMMUNICATIONS COMMISSION

CABLE TELEVISION TECHNICAL ADVISORY COMMITTEE, PANEL 7

Notice of Public Meeting

FEBRUARY 21, 1973.

Panel 7 (Interconnection) of the Cable Television Technical Advisory Committee will hold an open meeting on March 6, 1973, at 9:30 a.m. It will be held in the MCI Corporate Offices, 1150 17th Street NW., Washington, D.C.

The agenda of the meeting will include:

1. A review of the activities to date.
2. Report from subcommittee on acquisition of standards.
3. Report from subcommittee on task definitions.
4. Reviewing and approving tasks to be accomplished.
5. Appointing task force leaders and members to all task forces.
6. Holding separate work sessions of all task force groups.

FEDERAL COMMUNICATIONS COMMISSION,

[SEAL] BEN F. WAPLE,
Secretary.

[FR Doc.73-3923 Filed 2-28-73;8:45 am]

[Report 636]

COMMON CARRIER SERVICES INFORMATION¹

Domestic Public Radio Services Applications Accepted for Filing²

FEBRUARY 20, 1973.

Pursuant to §§ 1.227(b)(3) and 21.30 (b) of the Commission's rules, an application, in order to be considered with any domestic public radio services application appearing on the list below, must be substantially complete and tendered for filing by whichever date is earlier: (a) The close of business 1 business day preceding the day on which the Commission takes action on the previously filed application; or (b) within 60 days after the date of the public notice listing the first prior filed application (with which subsequent applications are in conflict) as having been accepted for filing. An application which is subsequently amended by a major change will be considered to be a newly filed application. It is to be noted that the cutoff dates are set forth in the alternative—applications will be entitled to consideration with those listed below if filed by the end of the 60 day period, only if the Commission has not acted upon the application by that time pursuant to the first alternative earlier date. The mutual exclusivity rights of a new application are governed by the earliest action with respect to any one of the earlier filed conflicting applications.

The attention of any party in interest desiring to file pleadings pursuant to section 309 of the Communications Act of 1934, as amended, concerning any domestic public radio services application accepted for filing, is directed to § 21.27 of the Commission's rules for provisions governing the time for filing and other requirements relating to such pleadings.

FEDERAL COMMUNICATIONS COMMISSION,

[SEAL] BEN F. WAPLE,
Secretary.

¹ All applications listed in the appendix are subject to further consideration and review and may be returned and/or dismissed if not found to be in accordance with the Commission's rules, regulations, and other requirements.

² The above alternative cutoff rules apply to those applications listed below as having been accepted in Domestic Public Land Mobile Radio, Rural Radio, Point-to-Point Microwave Radio, and Local Television Transmission Services (Part 21 of the rules).

APPENDIX

APPLICATIONS ACCEPTED FOR FILING

DOMESTIC PUBLIC LAND MOBILE RADIO SERVICE

- 5752-C2-P-73—Southwestern Bell Telephone Co. (KKT400), C.P. to change antenna location and transmitter to operate on 152.75 MHz on Interstate Highway 20, Poyote, Tex.
 5844-C3-TC-(2)-73—All Services, Inc. Consent to transfer of control from Stephen J. Kesterson and Vivian B. Kesterson, transferors to Howard R. Chapman, transferee. Stations: KLF484 and KSV965 Charleston, S.C.
 5878-C2-P-73—Beep Radio, Inc. (New), C.P. for a new two-way station to operate on 152.18 MHz at the southeast corner of Airport Road and Jones Road, Scriba, N.Y.
 5877-C2-P-73—Mobile Telephone Service of Wheeling, W. Va. (KQK775), C.P. for additional facilities and an antenna location to operate on 152.21 MHz on Route 88, 0.5 mile northeast, West Liberty, W. Va.
 5888-C2-P-73—Mentor Radio Service (New), C.P. for a new two-way station to operate on 454.175 MHz at Highway No. 3, 2 miles west of Fulton, N.Y.
 5883-C2-P-(3)-73—The Pacific Telephone & Telegraph Co. (KMA612), C.P. for antenna changes on base frequencies 152.68, 152.72 MHz and 454.525 MHz, also increasing output power on 454.525 MHz, at 95 Almaden Avenue, San Jose, CA.
 5890-C2-P-73—Southern Ohio Radio Telephone & Paging (KSV960), C.P. to add points of communication and transmitter, operating on 454.30 MHz at 4527 Alchoitz Road, Mount Carmel, Ohio.
 5891-C2-P-73—Radio Dispatch Co. (KIY604), C.P. for additional facilities and to change antenna system operating on 152.18 MHz at Third Avenue, Dothan, Ala.
 5852-C2-P-73—AAA Answerphone, Inc., Jackson (KRST03), C.P. for additional facilities and to formally change control point address pursuant to section 21.118(d), operating on 152.08 MHz at 2.5 miles north of city limits of former Beech Springs School, Lee, Miss.
 5893-C2-TC-(2)-73—York Telephone & Telegraph Co. Consent to transfer of control from General Telephone & Electronics Corp. transferor to General Telephone Company of Pennsylvania, transferee. Station: KGI776 Pylesville, Pa. and KGI783 York, Pa.
 5894-C2-AL-(2)-73—York Telephone & Telegraph Co. Consent to assignment of license from York Telephone & Telegraph Co. assignor to General Telephone Company of Pennsylvania, transferee. Station: KGI776 Pylesville, Pa.
 5936-C2-AP/AL-73—Boynnton Communications (KCB883), consent to assignment of permit and license from J. Richard Boynnton, doing business as Boynnton Communications, assignor to Barbara D. Boynnton, doing business as Boynnton Communications. Station: KCB883, Plainville, Mass.
 5988-C2-AP-73—Mobilfone (KUC859), consent to assignment of permit from Mobilfone, assignor to Mobilfone Service, Inc., assignee. Station: KUC859, Oklahoma City, Okla.

Major Amendments

- 04-C2-P-73—Tel-Page, Inc. (New), Columbia, S.C. Major amendment to add base frequency 454.100 MHz. All other particulars are to remain as reported on FN No. 604 dated July 10, 1972.
 890-C2-P-(2)-73—Mobilfone, Inc. (KMB909), Los Angeles, Calif. Major amendment to change the location of base facilities operation on 43.58 MHz to 10880 Wilshire Boulevard, Los Angeles, CA. All other particulars to remain as reported on FN No. 612 dated September 5, 1972.

RURAL RADIO SERVICE

- 5980-C1-P-73—General Communications Service, Inc. (New), C.P. for a new rural subscriber station to be located: Office at the X Bar Ranch, 9.5 miles south-southwest of Dinosaur City, Ariz., to operate on 158.490 MHz.
 5987-C1-ML-73—RCA Alaska Communications, Inc. (WJL41), modification of license to delete frequency 157.95 and add frequency 158.01 MHz at Village Coop Store in west section of village, Akhschak approximately 15.5 miles east-northeast of Bethel, Alaska.

POINT-TO-POINT MICROWAVE RADIO SERVICE

- 5875-C1-AP-(16)-73—MCI Texas East Microwave, Inc. Consent to the assignment of construction permits from the stockholders of MCI Texas East Microwave, assignor to the stockholders of Worthington-Thel Corp., assignees for stations: WPX45, Dallas, Tex.; WPX34, Irving, Tex.; WPX55, Arlington, Tex.; WPX46, Burleson, Tex.; WPX47, Fort Worth, Tex.; WPX36, Covington, Tex.; WPX48, Milford, Tex.; WPX49, Mount Calm, Tex.; WPX39, Kosse, Tex.; WPX40, Franklin, Tex.; WPX41, Bryan, Tex.; WPX42, Plantersville, Tex.; WPX43, Mostyn, Tex.; WPX37, Westfield, Tex.; WPX44, Houston, Tex.; WPX38, Kinwood, Tex.
 5878-C1-P-73—Northwestern Bell Telephone Co. (New), County Road 6 and Xenium Lane, Plymouth, Minn. Latitude 44°59'44" N., longitude 93°26'55" W. C.P. for a new station on frequencies 3770V, 3890V, 3850V, and 4010V MHz toward Rockford, Minn.
 5879-C1-P-73—Same (New), 1 mile north of Rockford on County Road 18, Rockford, Minn. Latitude 45°06'12" N., longitude 93°44'10" W. C.P. for a new station on frequencies 3730V, 3890V, 3810V, and 3970V MHz toward Plymouth, Minn.; frequencies 3730H, 3810H, 3890H, and 3970H MHz toward Annandale, Minn.
 5880-C1-P-73—Same (New), 2 miles south of Annandale on County Road 5, Annandale, Minn. Latitude 45°14'08" N., longitude 94°07'25" W. C.P. for a new station on frequencies 3770H, 3850H, 3930H, and 4010H MHz toward Rockford, Minn.; frequencies 3770H, 3850H, 3930H, and 4010H MHz toward St. Cloud, Minn.
 5881-C1-P-73—Same (New), 2.5 miles northeast of Pynesville, Minn. Latitude 45°23'25" N., longitude 94°39'32" W. C.P. for a new station on frequency 3770V MHz toward Willmar, Minn.; frequency 3770V MHz toward St. Cloud, Minn.
 5882-C1-P-73—Same (New), northeast edge of city limits, Willmar, Minn. Latitude 45°07'40" N., longitude 95°01'09" W. C.P. for a new station on frequency 3730V MHz toward Pynesville, Minn.
 5883-C1-P-73—Same (New), 3.5 miles east of Little Falls on Highway 27, Little Falls, Minn. Latitude 45°58'21" N., longitude 94°16'31" W. C.P. for a new station on frequencies 3770V, 3850V, and 3930V MHz toward St. Cloud, Minn.; frequencies 3770V, 3850V, and 3930V MHz toward Brainerd, Minn.
 5884-C1-P-73—Same (KAS91), South 10th Street and Ronald Avenue, Brainerd, Minn. Latitude 46°20'17" N., longitude 94°11'42" W. C.P. to add frequencies 3730V, 3810V, and 3890V MHz toward Little Falls, Minn.; frequency 3730H MHz toward Moleley, Minn.
 5885-C1-P-73—Same (KAU49), 1.5 miles southwest of Moleley, Minn. Latitude 46°19'22" N., longitude 94°40'32" W. C.P. to add frequency 3770H MHz toward Brainerd, Minn.; frequency 3770H MHz toward Wadena, Minn.
 5886-C1-P-73—Northwestern Bell Telephone Co. (KAU50), 500 feet east-northeast of southwest corner of Wadena, Minn. Latitude 46°25'32" N., longitude 95°09'02" W. C.P. to add frequency 3730H MHz toward Moleley, Minn.
 5887-C1-P-73—Same (New), one-quarter mile south of city limits, St. Cloud, Minn. Latitude 45°32'13" N., longitude 94°10'59" W. C.P. for a new station on frequencies 3730H, 3810H, 3890H, and 3970H MHz toward Annandale, Minn.; frequencies 3730V, 3810V, and 3890V MHz toward Little Falls, Minn.; frequency 3730V MHz toward Pynesville, Minn.
 5888-C1-P-73—The Mountain States Telephone & Telegraph Co. (KVU54), 800 Main Street, Grand Junction, CO. Latitude 39°04'03" N., longitude 108°33'30" W. C.P. to add frequency 4010H MHz toward Whitewater, Colo.
 5889-C1-P-73—Same (KAN80), 11 miles southeast of Grand Junction, Colo. Latitude 38°54'10" N., longitude 108°29'41" W. C.P. to add frequency 3710V MHz toward Grand Junction, Colo.; frequency 3710V MHz toward Ash Mesa, Colo.
 5887-C1-P-73—Same (KAN84), 2 miles south-southwest of Olathe, Colo. Latitude 38°34'34" N., longitude 107°59'44" W. C.P. to add frequency 3750H MHz toward Montrose, Colo.; frequency 3750H MHz toward Whitewater, Colo.; frequency 10,775V and 11,095V MHz toward Delta, Colo.
 5888-C1-P-73—Same (New), 123 Fifth Street, Delta, Colo. Latitude 38°44'37" N., longitude 108°04'15" W. C.P. for a new station on frequencies 11,265H and 11,585H MHz toward Ash Mesa, Colo.

- 5926-C1-P-73—Same (KAN25), 602 North First Avenue, Montrose, Colo. Latitude 38°-28'54" N., longitude 107°-42'38" W. C.P. to add frequency 3710H MHz toward Ash Mesa, Colo.
- 4950-C1-R-73—The Bell Telephone Company of Pennsylvania (KOC47), in any temporary fixed location within the territory of the grantee. Application for renewal of radio station license for term from March 11, 1973 to March 11, 1974.
- 5917-C1-P/ML-73—The Bell Telephone Company of Pennsylvania (KOC47), C.P. and modification of license to change power and add Fine Domain Reflectometer on frequency bands 3700-4200 MHz; 5925-6425 MHz; 10,700-11,700 MHz.
- 5925-C1-P-73—Southwestern Bell Telephone Co. (KKB25), 230 Main Street, Beaumont, TX. Latitude 30°-05'08" N., longitude 94°-05'58" W. C.P. to add frequency 3890V MHz toward Sulisbee, Tex.
- 5926-C1-P-73—Same (KKB25), 1.5 miles north-northwest of Sulisbee, Tex. Latitude 30°-22'37" N., longitude 94°-12'02" W. C.P. to add frequency 3930V MHz toward Beaumont, Tex.
- 5927-C1-P-73—American Telephone & Telegraph Co. (KEA49), 158 State Street, Albany, NY. Latitude 43°-39'03" N., longitude 73°-45'28" W. O.P. to change antenna system and points of communications on frequencies 3710V, 3790V, 3950V, and 4030V MHz toward Stephentown, N.Y.
- 5928-C1-P-73—Same (WJK78), 1.9 miles north-northwest of West Stephentown, N.Y. Latitude 42°-38'30" N., longitude 73°-47'38" W. C.P. to add frequencies 3750V, 3830V, 3910V, 3990V, and 4070V MHz toward Albany, N.Y.; frequencies 3750H, 3830H, 3910H, 3990H, and 4070H MHz toward Amsterdam, N.Y.
- 5929-C1-P-73—Same (KEB46), 1 mile west of Austerlitz, N.Y. Latitude 42°-18'25" N., longitude 73°-23'25" W. C.P. to change polarization from V to H on frequencies 3710H, 3790H, 3870H, 3950H, and 4030H MHz toward new point of communication Stephentown, N.Y.
- 5930-C1-MP-73—American Telephone & Telegraph Co. (KTQ88), 5.6 miles north of Julian, Calif. Latitude 33°-09'33" N., longitude 116°-36'53" W. Modification of C.P. to change power and replace transmitter on frequency 4198H MHz toward Warner Springs, Calif.
- 5931-C1-MP-73—Same (WIV89), 8.1 miles north-northwest of Warner Springs, Calif. Latitude 33°-23'01" N., longitude 116°-42'18" W. Modification of C.P. to change power and replace transmitter on frequency 4190H MHz toward Julian RS, Calif.; frequency 4190V MHz toward Wildomar, Calif.
- 5932-C1-MP-73—Same (WIV87), 2.9 miles north-northwest of Wildomar, Calif. Latitude 33°-38'20" N., longitude 117°-14'42" W. Modification of C.P. to change power and replace transmitter on frequency 4198V MHz toward Warner Springs, Calif.; frequency 4198V MHz toward Corona, Calif.
- 5933-C1-MP-73—Same (WIV88), Corona city boundary, Calif. Latitude 33°-49'43" N., longitude 117°-34'27" W. Modification of C.P. to change power and replace transmitter on frequency 4190V MHz toward Wildomar, Calif.
- 5937-C1-P-73—New England Telephone & Telegraph Co. (KOL85), 25 Concord Street, Manchester, NH. Latitude 42°-59'39" N., longitude 71°-27'45" W. C.P. to add frequency 10,975V MHz toward Dunbarton, N.H.
- 5938-C1-P-73—Same (KZI89), 1 mile north of Dunbarton, N.H. Latitude 43°-08'53" N., longitude 71°-36'59" W. C.P. to add frequency 5682.3V MHz toward Gilford, N.H.; frequency 11,465V MHz toward Manchester, N.H.
- 5939-C1-P-73—Same (KZI80), Gilford, 3 miles east-southeast of Laconia, Gilford, N.H. Latitude 43°-30'48" N., longitude 71°-24'49" W. C.P. to add frequency 6234.3V MHz toward Dunbarton, N.H.; frequency 11,185.0H MHz toward Laconia, N.H.
- 5939-C1-P-73—New England Telephone & Telegraph Co. (KZI61), 762 North Main Street, Laconia, NH. Latitude 43°-21'54" N., longitude 71°-28'27" W. C.P. to add frequency 11,685H MHz toward Gilford, N.H.
- 5961-C1-P/ML-73—South Central Bell Telephone Co. C.P. and modification of license to add two Kruse-Storke Electronics Model 5,000 Sweepers to blanket license.
- 5962-C1-MP-73—Interdata Communications, Inc. (WIU99), modification of C.P. to change station location to 1150 17th Street NW, Washington, DC. Latitude 38°-54'19" N., longitude 77°-02'21" W. and to change frequencies to 10,735V and 11,155V MHz on azimuth 28°-48' toward northeast Washington.

- 5963-C1-MP-73—Same (WIU96), Station location: Regs Road and First Place NE, Washington, D.C. Modification of C.P. to change frequencies to 11,255V and 11,665V MHz on azimuth 208°-49' toward northwest Washington and to 6256.5 MHz on azimuth 46°-25' toward Jessup.
- 5964-C1-MP-73—Same (WIU37), modification of C.P. to change station location to 1.4 miles east-southeast of Jessup, Md. Latitude 39°-08'29" N., longitude 76°-45'08" W. and change frequency on azimuth 24°-06' toward Towson to 5974.8V MHz.
- 5965-C1-MP-73—Same (WIU88), modification of C.P. to change station location to Investment Building, State Route 45 near York Road, Towson, Md. Latitude 39°-24'07" N., longitude 76°-33'07" W. and to change frequency on azimuth 204°-12' toward Jessup to 6226.9V MHz.
- 5966-C1-MP-73—Same (WIU89), modification of C.P. to change station location to 2.3 miles northwest of Perryman, Md. Latitude 39°-29'56" N., longitude 76°-14'33" W.
- 5967-C1-P-73—CPI Microwave, Inc. (New), 5 miles east of Robstown, Violet, Tex. Latitude 27°-48'30" N., longitude 97°-54'36" W. C.P. for a new station on frequencies 5960.0V and 6019.3V MHz toward Bishop, Tex. on azimuth 220°-54'.
- 5968-C1-MP-73—Western Tele-Communications, Inc. (WOI63), Mount Vaca, 8 miles northwest of Vacaville, Calif. Latitude 38°-24'55" N., longitude 122°-06'39" W. Modification of C.P. to change polarization of frequency 6315.9 to horizontal toward new point of communication Bird Valley on azimuth 11°-26'.
- 5969-C1-P-73—Same (New), C.P. for a new station Bird Valley, 4 miles southwest of Dunblagan, Calif. Latitude 38°-50'04" N., longitude 122°-00'06" W. Frequency 6123.1H on azimuth 345°-41' toward Maxwell.
- 5970-C1-P-73—Same (New), C.P. for a new station 2.5 miles northeast of Maxwell, Calif. Latitude 38°-17'50" N., longitude 122°-09'13" W. Frequency 6315.9V on azimuth 169°-36' toward Bird Valley and 6315.9H on azimuth 268°-23' toward St. John Mountain.
- 5971-C1-MP-73—Western Tele-Communications, Inc. (WOI66), St. John Mountain, 27 miles west of Willows, Calif. Latitude 39°-25'05" N., longitude 122°-41'32" W. Modification of C.P. to change frequency to 6123.1H on azimuth 108°-02' to new point of communication Maxwell and to 6083.8H on azimuth 27°-42' to new point of communication Henleyville.
- 5972-C1-P-73—Same (New), C.P. for a new station Henleyville, 7.8 miles northwest of Corona, Calif. Latitude 38°-58'12" N., longitude 122°-19'36" W. Frequency 6226.9V on azimuth 38°-14' toward Inskip Hill.
- 5973-C1-P-73—Same (New), C.P. for a new station Inskip Hill, 1.5 miles west-northwest of Paynes Creek, Calif. Latitude 40°-20'33" N., longitude 121°-56'34" W. Frequency 5974.8H on azimuth 218°-29' toward Henleyville and 6123.1V on azimuth 08°-25' toward Hatchet Mountain.
- 5974-C1-MP-73—Same (WOI67), modification of C.P. to relocate facilities to Hatchet Mountain 5 miles northeast of Hillcrest, Calif. Latitude 40°-21' N., longitude 121°-49'58" W. Change frequency to 6404.8H on azimuth 188°-30' towards new point of communication Weed Inskip Hill and 6256.5H on azimuth 818°-20' towards new point of communication Weed.
- 5975-C1-MP-73—Same (WOI68), modification of C.P. to relocate facilities to 3.1 miles south of Weed, Calif. Latitude 41°-23'38" N., longitude 122°-23'26" W. Change point of communication to Hschoet Mountain on azimuth 137°-48' on frequency 6083.5V. Change frequency to 6123.1V towards new point of communication Little Chinguquin Mountain on azimuth 01°-02'.
- 5976-C1-MP-73—Same (WOI69), modification of C.P. to relocate facilities to Little Chinguquin Mountain, 8.5 miles north of Pinehurst, Ore. Latitude 42°-10'06" N., longitude 122°-22'17" W. Change frequency to 6375.2V on azimuth 181°-03' towards new point of communication Weed and change point of communication to Wolf Ridge on frequency 6226.9V on azimuth 331°-19'.
- 5977-C1-MP-73—Same (WOI70), modification of C.P. to relocate facilities to Wolf Ridge, 8 miles southeast of Drew, Ore. Latitude 42°-46'59" N., longitude 122°-49'53" W. Change polarization of frequency 6383.5 to horizontal on azimuth 150°-52' towards new point of communication Little Chinguquin Mountain. Change azimuth on frequency 6152.8V towards new point of communication Sutherland to 322°-54'.
- 5978-C1-MP-73—Same (WOI71), modification of C.P. to relocate facilities to 6.5 miles west of Sutherland, Ore. Latitude 43°-23'48" N., longitude 123°-28'11" W. Change azimuth to 142°-27' towards new point of communication Wolf Ridge and azimuth 25°-14' towards new point of communication Coburg Ridge.

POINT-TO-POINT MICROWAVE RADIO SERVICE—Continued

5979-C1-MP-73—Same (WOI72), modification of C.P. to relocate facilities to Coburg Ridge, 3.5 miles north of Springfield, Ore. Latitude 44°06'58" N., longitude 122°59'55" W. Change azimuth to 205°33' towards new point of communication Sutherland and to 339°57' towards new point of communication Vineyard Hill.

5980-C1-MP-73—Western Tele-Communications, Inc. (WOI73), Vineyard Hill, 3.8 miles north of Coryallis, Ore. Latitude 44°38'47" N., longitude 123°18'11" W. Modification of C.P. to change point of communication to Coburg Ridge on azimuth 159°46'.

Informative: Applicant, Western Tele-Communications, Inc., proposes to reroute a portion of its presently granted Specialized Common Carrier System between San Francisco, Calif. and Seattle, Wash. as previously granted on File Nos. 4271 through 4290-C1-P-70.

5981-C1-AP-(15)-73—MCI Michigan, Inc. Consent to assignment from MCI Michigan, Inc., assignor to MCI Telecommunications Corp., assignee for stations: WOE, Jackson, Mich.; WOE46, Chelsea, Mich.; WOE47, Leslie, Mich.; WOE48, Lansing, Mich.; WOE49, Lenton, Mich.; WOE50, Flint, Mich.; WOE51, Ann Arbor, Mich.; WOE52, Bridgewater, Mich.; WOE53, Petersburg, Mich.; WOE54, Toledo, Ohio; WOE55, Pontiac, Mich.; Dearborn, Mich.; WOE57, Detroit, Mich.; WIV82, Northville, Mich.; WIV83, Fowlerville, Mich.

5982-C1-AP-(33)-73—MCI Mid-Continent Communications, Inc. Consent to assignment from MCI Mid-Continent Communications, Inc., assignor, to MCI Telecommunications Corp., assignee for stations: WPW43, Kansas City, Mo.; WPW44, Victory Junction, Kans.; WPW45, Nashua, Mo.; WPW46, Gower, Mo.; WPW47, Helene, Mo.; WPW48, Filmore, Mo.; WPW49, Skidmore, Mo.; WPW50, Elmo, Mo.; WPW51, Riverton, Iowa; WPW52, Tabor, Iowa; WPW53, Springfield, Nebr.; WPW54, Omaha, Nebr.; WPW55, Honey Creek, Iowa; WPW56, Woodbine, Iowa; WPW57, Irwin, Iowa; WPW58, Ross, Iowa; WPW59, Guthrie Center, Iowa; WPW60, Linden, Iowa; WPW61, Woodward, Iowa; WPW62, Grimes, Iowa; WPW63, Des Moines, Iowa; WPW64, Kelley, Iowa; WPW65, Colo, Iowa; WPW66, Lamolite, Iowa; WPW67, Toledo, Iowa; WPW68, Keystone, Iowa; WPW69, Atkins, Iowa; WPW70, Cedar Rapids, Iowa; WPW71, North Liberty, Iowa; WPW72, Buchanan, Iowa; WPW73, Bennett, Iowa; WPW74, Blue Grass, Iowa; WPW75, Davenport, Iowa.

5983-C1-AP-(33)-73—MCI New England, Inc. Consent to assignment from MCI New England, Inc., assignor to MCI Telecommunications Corp., assignee for stations: WOF53, Boston, Mass.; WOF54, Waltham, Mass.; WOF55, Clinton, Mass.; WOF56, Auburn, Mass.; WOF57, Staffordville, Conn.; WOF58, Avon, Conn.; WOF59, Hartford, Conn.; WOF60, Bethlehem, Conn.; WOF61, Redding Ridge, Conn.; WOF62, Stamford, Conn.; WOF63, Port Chester, N.Y.; WOF4, Bronx, N.Y.; WOF65, New York, N.Y.

5984-C1-AP-(53)-73—MCI Texas-Pacific, Inc. Consent to assignment from MCI Texas-Pacific, Inc., assignor to MCI Telecommunications Corp., assignee for stations: located within the States of Texas, New Mexico, Arizona, and California.

5940-C1-P-73—Eastern Microwave, Inc. (New), Pemberville, 2.3 miles southwest of Pemberville, Ohio. Latitude 41°23'11" N., longitude 83°29'18" W.: C.P. for a new station—frequencies 10,775 MHz and 10,935 MHz toward Bascom, Ohio, on azimuth 148°21'.

5941-C1-P-73—Same (New), Bascom, 0.4 mile north of Bascom, Ohio. Latitude 41°08'20" N., longitude 83°17'12" W.: C.P. for a new station—frequencies 11,385 MHz and 11,545 MHz toward Chatfield, Ohio, on azimuth 128°34'.

5942-C1-P-73—Same (New), Chatfield, 1.8 miles south-southeast of Chatfield, Ohio. Latitude 40°55'30" N., longitude 82°56'02" W.: C.P. for a new station—frequencies 10,775 MHz and 10,935 MHz toward Shenandoah, Ohio, on azimuth 89°48'.

5943-C1-P-73—Same (New), Shenandoah, 1.2 miles northeast of Shenandoah, Ohio. Latitude 40°55'31" N., longitude 82°29'07" W.: C.P. for a new station—frequencies 11,385 MHz and 11,545 MHz toward Sullivan, Ohio, on azimuth 70°39'.

5944-C1-P-73—Same (New), Sullivan, 2.4 miles south of Sullivan, Ohio. Latitude 40°59'42" N., longitude 82°13'20" W.: C.P. for a new station—frequencies 10,775 MHz and 10,935 MHz toward Lafayette, Ohio, on azimuth 63°14'.

5945-C1-P-73—Same (New), Lafayette, 1.5 miles west-southwest of Lafayette, Ohio. Latitude 41°05'35" N., longitude 81°57'52" W.: C.P. for a new station—frequencies 11,385 MHz and 11,545 MHz toward West Richfield. Latitude 41°14'43" N., longitude 81°39'23" W., Ohio, on azimuth 56°43'. (Informative: Eastern proposes to provide the signals of WKBD-TV, Detroit, Mich., and CKLW-TV, Windsor, Ontario, to Armstrong Utilities, Inc., for distribution on its CATV system at Orrville, Ohio.)

5946-C1-P-73—West Texas Microwave Co. (WAX39), Jennings Farm, 5.4 miles northwest of Ogg, Tex. Latitude 34°52'19" N., longitude 101°58'25" W.: C.P. to add frequencies 11,265 MHz, 11,345 MHz, and 11,425 MHz, via power split, toward new point of communication at Hereford. Latitude 34°50'18" N., longitude 102°22'40" W., Tex., on azimuth 204°21'. (Informative: West Texas proposes (a) to provide the television signals KERA and KDTV of Dallas, Tex., and KTVT, Fort Worth, Tex., to Hereford Cablevision Co. at Hereford, Tex., and (b) to provide, via audio subcarrier, the radio signal of station KWXI-FM, Dallas, Tex., to radio station KPAN, Hereford, Tex.)

5985-C1-AL-73—MCI Pacific Coast, Inc. (KPV31), consent to assignment from MCI Pacific Coast, Inc., assignor to MCI Telecommunications Corp., assignee for station KPV31 located at Tunk Mountain, Wash.

5986-C1-AP-(29)-73—MCI North Central, Inc., consent to assignment from MCI North Central, Inc., assignor to MCI Telecommunications Corp., assignee for stations located in the States of Minnesota, Wisconsin, and Illinois.

Correction

5404-C1-ML-73—American Telephone & Telegraph Co. (KIL84), correct to read: Change polarization from V to H on frequency 3890 MHz toward Blackville, S.C.

Major Amendments

3139-C1-P-73—Western Tele-Communications, Inc. (WOI56), Toro Peak, 14.1 miles southwest of Palm Desert, Calif. Application amended to change polarization from H to V on frequencies 3990 and 4070 MHz toward El Centro, Calif. (WOI52). (All other particulars the same as reported in Public Notice, Report No. 621, dated November 6, 1972.)

[FR Doc.73-3745 Filed 2-2-73; 8:45 am]

FEDERAL POWER COMMISSION NATIONAL GAS SURVEY TECHNICAL ADVISORY COMMITTEE-SUPPLY Order Designating Member

FEBRUARY 21, 1973.

The Federal Power Commission by Order issued April 6, 1971, established the Technical Advisory Committees of the National Gas Survey.

1. *Membership.* Mr. J. R. Grey has resigned his membership in the Technical Advisory Committee-Supply. A new member to the Technical Advisory Committee-Supply, as selected by the Chairman of the Commission, with the approval of the Commission, is as follows:

J. Dennis Bonney, vice president, Standard Oil Company of California.

By the Commission.

[SEAL] KENNETH F. PLUMB,
Secretary.

[FR Doc.73-3853 Filed 2-28-73; 8:45 am]

TECHNICAL ADVISORY COMMITTEE ON FUELS; TASK FORCE ADMINISTRATIVE

Agenda of Meeting

Meeting to be held at the Federal Power Commission Offices, 1425 K Street NW., Washington, DC, on March 8, 1973, at 9:30 a.m., e.s.t., Room 859.

1. Meeting called to order.
2. Objectives and purposes of meeting:
 - A. Development of reports of task forces.
 - B. Assignment of duties.
 - C. Other business.
3. Date of next meeting.
3. Adjournment.

This meeting is open to the public. Any interested person may attend, appear before, or file statements with the committee, which statements, if in written form, may be filed before or after the meeting, or, if oral, at the time and in the manner permitted by the committee.

KENNETH F. PLUMB,
Secretary.

[FR Doc.73-3906 Filed 2-28-73; 8:45 am]

[Docket No. G-10426, etc.]

EL PASO NATURAL GAS CO.

Order Consolidating Proceedings, Extending Date for Filing of Evidence and Hearing Date, and Granting Late Petitions To Intervene

FEBRUARY 21, 1973.

On September 6, 1972, and on September 22, 1972, El Paso Natural Gas Company (El Paso) filed in Dockets Nos. CP70-137 and G-10426, respectively, petitions to amend the orders of the Commission issuing certificates of public convenience and necessity in said dockets on May 12, 1970 (43 FPC 723), and November 21, 1957 (18 FPC 690), as amended respectively, by authorizing an increase in its contract demand service for certain of its Northwest Division customers. Notice of those petitions was issued on October 7, 1972, and October 24, 1972, was set as the final date on which protests and petitions to intervene could be filed in this matter.

On January 8, 1973, by order of the Commission, a hearing in this matter

was scheduled for February 14, 1973, and El Paso was instructed to file its testimony and exhibits on or before January 29, 1973. The Commission stated that the record in this case should establish, inter alia the ultimate use of the natural gas proposed to be sold by El Paso, and should include a full market review (including end-use) through the submission of evidence by El Paso, its customers, and where appropriate, its customers' customers. On January 29, 1973, pursuant to a request filed by El Paso, the date for the filing of evidence in this matter was changed to March 8, 1973, and the hearing date was changed to March 28, 1973.

On January 26, 1973, an untimely petition to intervene in these proceedings was filed by Sierra Pacific Power Company, an electric, gas, and water public utility operating in the States of Nevada and California. Petitioner states that it purchases all of its natural gas from Southwest Gas Corporation, a customer of El Paso's Northwest Division. For this reason, it asserts that it has a substantial interest in any proceedings before the Commission concerning the allocation of gas by El Paso. It further asserts that its interests and those of its customers are not adequately represented by any of the existing parties in this case.

On November 30, 1970, El Paso filed a petition in Dockets Nos. G-8934 and G-10008 to amend the orders of November 25, 1955 (14 FPC 157), and May 8, 1956 (15 FPC 1378) respectively, by authorizing El Paso to deliver to Union Carbide Nuclear Company (Union Carbide) at Uravan, Colo., on a firm basis, quantities of natural gas of up to 23,700 therms per day at the rate of 4.20 cents per therm pursuant to an industrial gas sales contract dated August 1, 1970. El Paso is currently authorized in the instant dockets to sell a maximum quantity of 35,000 therms per day at a rate of 3.60 cents per therm to Union Carbide on an interruptible basis.

On August 11, 1972, El Paso filed an amendment to said petition to amend. El Paso stated that it had negotiated a new industrial gas sales contract with Union Carbide dated May 25, 1972, which canceled their contract of August 1, 1970. The new contract provides for firm deliveries of up to 1,120 therms daily at the rate of 4.20 cents per therm and deliveries of up to 22,580 therms daily on an interruptible basis at the rate of 3.8 cents per therm in lieu of the previously agreed upon 23,700 therms daily on a firm basis. El Paso requested, therefore, that the above referenced orders in Dockets Nos. G-8934 and G-10008 be amended only to the extent necessary to authorize deliveries to Union Carbide in accordance with this new contract. This new amendment to El Paso's earlier petition to amend was noticed on August 24, 1972, and September 11, 1972, was set as the final date on which protests and petitions to intervene would be filed in this matter.

On January 9, 1973, by order of the Commission, a hearing was scheduled in this matter for February 14, 1973, with evidence to be filed by El Paso on or before January 22, 1973. The Commission

stated that it would be necessary to determine, inter alia, the effect, if any, that the proposed attachment of additional firm load would have on El Paso's existing gas supply and on its ability to meet existing and future firm customer requirements on its system. The Commission also requested information on the end use of the proposed firm gas and on the feasibility of utilizing alternate fuels at Uravan. On January 24, 1973, pursuant to a request filed by El Paso, the dates for the filing of evidence and the hearing in these proceedings were changed to February 12, 1973, and February 28, 1973, respectively.

On February 2, 1973, El Paso filed in Dockets Nos. G-8934 and G-10008, an additional motion for an extension of time to file evidence and for a continuance of the hearing date. It stated that the evidentiary showing requested by the Commission in these dockets would require a thorough analysis of both customer requirements data and supply data for its Northwest Division System similar to that required for Dockets Nos. CP70-137 and G-10426. Since this data would not be ready until mid-March, El Paso asked that the dates for the filing of evidence and the hearing in Dockets Nos. G-8934 and G-10008 be changed to March 30, 1973, and April 10, 1973, respectively.

In its motion for extensions of time filed on January 24, 1973 in Dockets Nos. CP70-137 and G-10426, El Paso stated that the data needed for those dockets would be available by March 8, 1973. Accordingly, as referenced above, the dates for the filing of evidence and the hearing in those dockets were extended to March 8, 1973, and March 28, 1973, respectively. In Dockets Nos. G-8934 and G-10008, therefore, extensions of time similar to those granted in Dockets Nos. CP70-137 and G-10426 would appear to be justified, but further extensions are unnecessary. Accordingly, we will change the dates for the filing of evidence and the hearing in Dockets Nos. G-8934 and G-10008 to coincide with those in Dockets Nos. CP70-137 and G-10426. In view of this fact, and the similarity of the evidence required in all the above referenced dockets, the applications filed in Dockets Nos. CP70-137, G-10426, G-8934, and G-10008 are interdependent, and should therefore be consolidated and heard together.

On February 5, 1973, Union Carbide Corp. (Union Carbide) filed a late petition to intervene in Dockets Nos. G-8934 and G-10008. Union Carbide, of course, is a party to the gas sales contract which is the subject of this proceeding, and, as such, it alleges that it has a direct and vital interest in this matter which cannot be properly represented by any other party. It states that it failed to intervene in this proceeding within the time prescribed by the Commission for intervention because it only recently became aware that this matter would be treated as other than routine.

The Commission finds:

(1) Sierra Pacific Power Co. and Union Carbide Corp. have shown good cause for their late filings, and their intervention at this time will not delay the disposition of these proceedings.

(2) It is desirable and in the public interest to allow Sierra Pacific Power Co. and Union Carbide Corp. to intervene in order that they may establish the facts and the law from which the nature and validity of their alleged rights and interests may be determined and show what further action may be appropriate under the circumstances in the administration of the Natural Gas Act.

(3) The applications in Dockets Nos. CP70-137, G-10426, G-8934, and G-10008 are interdependent and should be consolidated.

(4) Good cause exists for extending the times heretofore set for the filing of evidence and the hearing in Dockets Nos. G-8934 and G-10008 to coincide with those heretofore set in Dockets Nos. CP70-137 and G-10426, but further extensions are unjustified.

(5) Accordingly, evidence on the relevant issues in these consolidated proceedings should be filed by El Paso on or before March 8, 1973, and a hearing on this matter should commence on March 28, 1973.

The Commission orders:

(A) The above named petitioners are hereby permitted to intervene in these proceedings subject to the rules and regulations of the Commission; *Provided, however*, That the participation of such intervenors shall be limited to matters affecting asserted rights and interests as specifically set forth in said petition for leave to intervene; *And provided, further*, That the admission of such intervenors shall not be construed as recognition by the Commission that they might be aggrieved because of any order or orders of the Commission entered in this proceeding.

(B) Pursuant to § 2.62(c) of the Commission rules of practice and procedure, the Applicant shall serve copies of its filings upon these intervenors promptly, unless such service has already been effected pursuant to Part 157 of the regulations of the Natural Gas Act.

(C) The applications of El Paso Natural Gas Co. in Dockets Nos. CP70-137, G-10426, G-8934, and G-10008 are hereby consolidated.

(D) The dates heretofore set for the filing of evidence and the hearing in Dockets Nos. G-8934 and G-10008 are hereby extended to March 8 and March 28, respectively, to coincide with those heretofore set in Dockets Nos. CP70-137 and G-10426.

By the Commission,

[SEAL] KENNETH F. PLUMB,
Secretary.
[FR Doc.73-3854 Filed 2-28-73;8:45 am]

[Docket Nos. CP73-211, CP73-212]

TRANSWESTERN COAL GASIFICATION
CO., ET AL.

Notice of Applications

FEBRUARY 21, 1973.

Take notice that on February 7, 1973, Transwestern Coal Gasification Co. (Transwestern Coal), Post Office Box 2521, Houston, TX 77001, Pacific Coal

Gasification Co. (Pacific Coal), 720 West Eighth Street, Los Angeles, CA 90017, and Western Gasification Co. (Wesco), Post Office Box 2134, Farmington, NM 87401, filed a joint application in Docket No. CP73-212 pursuant to section 7(c) of the Natural Gas Act for a certificate of public convenience and necessity authorizing the construction and operation of a coal gasification plant and the sale and delivery of substitute natural gas (SNG) to Transwestern Pipeline Co. (Transwestern Pipeline), all as more fully set forth in the application which is on file with the Commission and open to public inspection. Transwestern Pipeline filed a related application in Docket No. CP73-211 pursuant to section 7(c) of the Natural Gas Act for a certificate of public convenience and necessity authorizing the construction and operation of approximately 67 miles of 36-inch pipeline for the transportation of SNG produced by Applicants in Docket No. CP73-212, all as more fully set forth in the application which is on file with the Commission and open to public inspection.

Pacific Coal, Transwestern Coal, and Wesco propose to construct and operate a coal gasification plant, which will gasify coal into approximately 250,000 Mcf of SNG per day, and to sell and deliver such SNG to Transwestern Pipeline.

It is stated that the proposed coal gasification plant will be located in the San Juan Basin, near Burnham, N. Mex., which is in the "Four Corners" area of New Mexico, approximately 28 miles southwest of Farmington, N. Mex., and approximately 67 miles north of Transwestern Pipeline's existing system. Applicants in Docket No. CP73-212 also state that the proposed sale of SNG to Transwestern Pipeline will be made on a cost of service basis.

It is stated that the coal to be used in the proposed plant will be obtained from Utah International Inc. (Utah) at 20.8 cents per million B.t.u., pursuant to a February 1, 1973, contract between Utah and Transwestern Coal and Pacific Coal for the sale of coal containing approximately 160 trillion B.t.u., or approximately 9.6 million tons of coal, per year. It is further stated that the Utah coal reserves dedicated to this project are part of an estimated 800 million uncommitted tons of coal which Utah has leased from the Navaho Tribe and which are located on the Navaho Indian Reservation, San Juan County, N. Mex.

Applicants in Docket No. CP73-212 also state that up to 11,000 acre feet of water per year for the operation of the proposed coal gasification will be purchased from Utah by Pacific Coal and Transwestern Coal at \$7 per acre foot pursuant to the aforementioned contract of February 1, 1973, and that such water will be pumped from the San Juan River and flow south through a pipeline to the site of the proposed plant. It is stated that Utah has the rights to 44,000 acre feet per year of water from the San Juan River pursuant to contracts between Utah and the United States of America.

Applicants in Docket No. CP73-212 further state that the proposed coal gasi-

fication project will cost approximately \$405,940,000 to be financed initially by interim financing, and later permanently financed by the issuance of bonds and capital stock.

Transwestern Pipeline proposes to build approximately 67 miles of 36-inch pipeline through San Juan and McKinley Counties, N. Mex., from a point on Transwestern Pipeline's system northwest of Gallup, N. Mex., and appurtenant facilities for the purchase of SNG produced at the coal gasification plant proposed in Docket No. CP73-212 and for the transportation and resale of such SNG. It is also stated that such facilities will cost approximately \$22,399,000 to be financed initially by interim financing, with long-term financing to be determined at a future date.

Transwestern Coal and Pacific Coal are wholly owned subsidiaries of Transwestern Pipeline & Pacific Lighting Corp., respectively. Wesco is an unincorporated joint venture of Transwestern Coal and Pacific Coal. Applicants in Docket No. CP73-212 state that beginning in the latter part of 1973 the availability of gas connected sources of supply will decline from Transwestern Pipeline's presently to a point where said gas will no longer be sufficient to meet present contract demands of Transwestern Pipeline's customers and that Transwestern Pipeline has been and is likely to be unable to secure new gas supplies from traditional sources to meet its requirements. The coal gasification project is proposed to assist Transwestern Pipeline in meeting its delivery obligations.

Transwestern Pipeline requests that it be authorized to increase its rates without suspension, so as to permit the recovery of the cost of SNG supplies upon receipt of initial deliveries, and thereafter to reflect any future changes in the cost of SNG supplies in Transwestern Pipeline's purchased gas adjustment provisions of its then effective FPC gas tariff. The cost of service of Applicants in Docket No. CP73-212 in the third year of operation is estimated at \$1.308 per Mcf of gas.

Any person desiring to be heard or to make any protest with reference to said application should on or before March 12, 1973, file with the Federal Power Commission, Washington, D.C. 20426, a petition to intervene or a protest in accordance with the requirements of the Commission's rules of practice and procedure (18 CFR 1.8 or 1.10) and the regulations under the Natural Gas Act (18 CFR 157.10). All protests filed with the Commission will be considered by it in determining the appropriate action to be taken but will not serve to make the protestants parties to the proceeding. Any person wishing to become a party to a proceeding or to participate as a party in any hearing therein must file a petition to intervene in accordance with the Commission's rules.

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 these applications if no petition to intervene is filed within the time required herein, if the Commission on its own review of the matter finds that a grant of the certificates are required by the public convenience and necessity. If a petition for leave to intervene is timely filed, or if the Commission on its own motion believes that a formal hearing is required, further notice of such hearing will be duly given.

Under the procedure herein provided for, unless otherwise advised, it will be unnecessary for Applicants to appear or be represented at the hearing.

KENNETH F. PLUM,
Secretary.

[FR Doc. 73-3853 Filed 2-28-73; 8:45 am]

[Docket No. RP72-103]

UNION TEXAS PETROLEUM ET AL.

Order Modifying Previous Order

FEBRUARY 21, 1973.

On January 28, 1972, Union Texas Petroleum, a Division of Allied Chemical Corp. (Union Texas), filed a complaint against Stephens & Cass, a partnership, and El Paso Natural Gas Co. (El Paso) alleging that: Stephens & Cass had acquired an interest in oil lands in Reagan County, Tex., designated as the Boyd lease, Tracts 52 and 54 of the Spraberry Aldwell Unit; was producing casinghead gas from such properties; and was selling said casinghead gas to El Paso in dereliction of a pre-existing contract for sale of gas to Union Texas which was made between the previous interest holder in Stephens & Cass' oil leasehold, Oil and Gas, Inc., and Union Texas. Union Texas requested that Stephens & Cass be directed to discontinue its sales of natural gas from the above-described leasehold to El Paso and to resume such sale to Union Texas.

On March 8, 1972, El Paso filed an answer which admitted the right of Union Texas to receive delivery of the gas in question. On September 25, 1972, a Commission order was issued granting Union Texas' request that the gas deliveries in question be terminated to El Paso and resumed to Union Texas pending a determination by a local court of the consequences and merits of Stephens & Cass' contractual claims.

On September 28, 1972, Stephens & Cass filed a motion for rehearing of the above-mentioned order. In support of its motion, Stephens & Cass correctly asserted that the Commission inadvertently failed to recognize its answer filed on February 22, 1972, which more clearly delineated Stephens & Cass' contention that no contract existed between it and Union Texas.

On October 24, 1972, the Commission issued an Order Modifying Order on Rehearing permitting the continued delivery of the disputed gas to El Paso subject to an adverse decision on the existence of a contract with Union Texas by a local court.

On January 17, 1973, Union Texas filed a Motion of Complainant for Reconsideration of Order of October 24, 1972, requesting that the Commission reverse its decision of October 24, 1972, by directing that deliveries of the subject gas be terminated to El Paso and reinitiated to Union Texas and by establishing a formal hearing for the determination of Stephens & Cass' contractual claims.

On February 2, 1973, Stephens & Cass filed an answer to Union Texas' motion reasserting the inapplicability of the instant contract to the questioned deliveries of gas and commending the greater competence of local courts to deal with what it feels to be an issue involving a local matter.

Complainant's motion refers to and includes three attachments which are copies of lease assignments from Humble Oil & Refining Co. to Stephens & Cass. Those assignments are specifically subject to and relate to the same acreage as the gas purchase contract between Humble and Union Texas dated March 31, 1954; it thus appearing Stephens & Cass acquired those new leases in 1971, with full knowledge they were subject to the March 31, 1954, contract for the sale of gas to Union Texas.

The Stephens & Cass response indicates some issues have been resolved between the parties but that others remain and it does not respond to the new facts raised by Complainant in its motion. On February 12, 1973, El Paso amended its March 8, 1972, answer stating that on the basis of the Stephens & Cass response of February 2, 1973, Union Texas has no claim upon gas from the acreage which was the subject of the issues resolved between Stephens & Cass and Union Texas. It further appears that no interpretation of local law will be involved in resolving these issues. On the basis of Complainant's motion raising additional facts, and the Stephens & Cass response, it is our opinion that the issues in this case are amendable to resolution through the Commission's administrative hearing process and that consideration of the issues here presented can and should be resolved within our jurisdiction.

The Commission finds:

(1) It is necessary and proper in the public interest and to aid in the enforcement of the provisions of the Natural Gas Act that the issues in this proceeding be scheduled for hearing in accordance with the procedures set forth below.

(2) There is no justification sufficient to warrant the ordering or deliveries of the disputed natural gas to Union Texas and the termination of such deliveries to El Paso prior to a determination on the merits by this Commission.

The Commission orders:

(A) Pursuant to the authority of the Natural Gas Act, the Commission's rules of practice and procedure, and the regulations under the Natural Gas Act, a public hearing on the issues presented in complaint will be held commencing March 27, 1973, at 10 a.m. (e.s.t.) in a hearing room of the Federal Power Commission, 441 G Street NW., Washington,

DC 20426. An Administrative Law Judge to be designated by the Chief Administrative Law Judge shall preside at, and control, this proceeding in accordance with the policies expressed in the Commission's rules of practice and procedure.

(B) On or before February 28, 1973, Union Texas shall prepare and serve its direct testimony and exhibits in support of its application.

(C) This Commission's order of October 24, 1972, in this docket remains in effect except as herein modified.

By the Commission.

[SEAL] KENNETH F. PLUMB,
Secretary.

[FR Doc.73-3856 Filed 2-28-73;8:45 am]

[Docket No. E-7918]

CAROLINA POWER & LIGHT CO.

Order Accepting for Filing, and Suspending Proposed Rates, Granting Intervention, and Providing for Hearing Procedures

FEBRUARY 16, 1973.

On December 18, 1972, Carolina Power & Light Co. (Carolina) tendered for filing proposed changes in its FPC rate schedules with a proposed effective date of February 16, 1973. The proposed changes would increase jurisdictional sales and service by approximately \$2,889,000 based on a volume of sales for the 12-month period ending December 31, 1971.

Carolina maintains the increase is necessary because the present rate does not provide a rate of return sufficient to attract new capital. The closing date for protests and petitions to intervene was January 30, 1973. A timely petition to intervene was filed by Electricities of North Carolina (Electricities), representing all of the jurisdictional municipal customers of Carolina in North Carolina. No other protests or petitions to intervene have been filed.

We note that on February 2, 1973, a proposed settlement agreement between Carolina and Electricities was filed in this proceeding, with a requested effective date of March 1, 1973.

On February 1, 1973, Carolina, with the concurrence of Electricities, filed a motion requesting a suspension period of 30 days in this proceeding or until March 18, 1973.

Review of Carolina's rate filing indicates that it raises certain issues which may require development in an evidentiary hearing. The proposed increases in rates and changes have not been shown to be just and reasonable and may be unjust, unreasonable, unduly discriminatory or preferential or otherwise unlawful.

The Commission finds:

(1) It is necessary and proper in the public interest and to aid in the enforcement of the provisions of the Federal Power Act that the Commission enter upon a hearing concerning the lawfulness of the rates and charges contained in Carolina's FPC rate schedules as pro-

posed to be amended in this docket, and that the tendered rate schedule be accepted for filing and be suspended as hereinafter provided.

(2) The disposition of this proceeding should be expedited in accordance with the procedure set forth below.

(3) In the event this proceeding is not concluded prior to the termination of the suspension period herein ordered, the placing of the tariff changes applied for in this proceeding into effect, subject to refund with interest while pending Commission determination as to their justness and reasonableness, is consistent with the purpose of the Economic Stabilization Act of 1970, as amended.

(4) Granting the petition to intervene of Electricities of North Carolina may be in the public interest.

The Commission orders:

(A) The petitioner for intervention is hereby permitted to intervene in this proceeding subject to the rules and regulations of the Commission: *Provided, however*, that participation of the intervenor shall be limited to the matters affecting asserted rights and interests specifically set forth in the petition to intervene: *And provided, further*, that admission of the intervenor shall not be construed as recognition by the Commission that the intervenor may be aggrieved by any order entered in this proceeding.

(B) Pursuant to the authority of the Federal Power Act, particularly section 205(e) thereof, the Commission's rules of practice and procedure, and the regulations Under the Federal Power Act (18 CFR Ch. I), a public hearing shall be held, commencing with a prehearing conference on April 17, 1973, at 10 a.m., e.s.t., in a hearing room of the Federal Power Commission, 441 G Street NW., Washington, DC 20426, concerning the lawfulness of the rates, charges, classifications and services contained in Carolina FPC rate schedules as proposed to be revised herein.

(C) At the prehearing conference on April 17, 1973, Carolina's prepared testimony (Statement P) together with its entire rate filing shall be admitted to the record as its complete case-in-chief subject to appropriate motions, if any, by parties to the proceeding. All parties will be expected to come to this conference prepared to effectuate the provisions of §§ 1.18 and 2.59 of the Commission's rules of practice.

(D) On or before April 3, 1973, the Commission Staff shall serve its prepared testimony and exhibits. The prepared testimony and exhibits of any or all intervenors shall be served on or before April 24, 1973. Any rebuttal evidence by Carolina shall be served on or before May 1, 1973. Cross-examination of the evidence filed will commence May 15, 1973.

(E) A Presiding Administrative Law Judge to be designated by the Chief Administrative Law Judge for that purpose (See Delegation of Authority, 18 CFR 3.5(d)), shall preside at the hearing in this proceeding, shall prescribe relevant procedural matters not herein provided, and shall control the proceeding in accordance with the policies expressed in

§ 2.59 of the Commission's rules of practice and procedure.

(F) Pending hearing and a final decision in this proceeding, Carolina's filing tendered on December 18, 1972, is accepted for filing and suspended and the use thereof deferred until March 18, 1973.

(G) The Secretary shall cause prompt publication of this order to be made in the FEDERAL REGISTER.

By the Commission.

[SEAL] KENNETH F. PLUMB,
Secretary.
[FR Doc. 73-3855 Filed 2-29-73; 8:45 am]

FEDERAL RESERVE SYSTEM FIRST INTERNATIONAL BANCSHARES, INC.

Acquisition of Bank

First International Bancshares, Inc., Dallas, Tex., has applied for the Board's approval under section 3(a)(3) of the Bank Holding Company Act (12 U.S.C. 1842(a)(3)) to acquire 100 percent of the voting shares (less directors' qualifying shares) of the successor by merger to American Bank & Trust Company, Dallas, Tex. The factors that are considered in acting on the application are set forth in section 3(c) of the Act (12 U.S.C. 1842(c)).

The application may be inspected at the office of the Board of Governors or at the Federal Reserve Bank of Dallas. Any person wishing to comment on the application should submit his views in writing to the Secretary, Board of Governors of the Federal Reserve System, Washington, D.C. 20551, to be received not later than March 21, 1973.

Board of Governors of the Federal Reserve System, February 22, 1973.

[SEAL] MICHAEL A. GREENSPAN,
Assistant Secretary of the Board.
[FR Doc. 73-3798 Filed 2-29-73; 8:45 am]

FIRST NATIONAL COMPANY OF MISSOURI VALLEY, INC.

Order Approving Formation of Bank Holding Company

First National Co. of Missouri Valley, Inc., Missouri Valley, Iowa, has applied for the Board's approval under section 3(a)(1) of the Bank Holding Company Act (12 U.S.C. 1842(a)(1)) of formation of a bank holding company through acquisition of 80 percent or more of the voting shares of The First National Bank of Missouri Valley, Missouri Valley, Iowa (Bank).

Notice of the application, affording opportunity for interested persons to submit comments and views, has been given in accordance with section 3(b) of the act. The time for filing comments and views has expired, and the Board has considered the application and all comments received in light of the factors set forth in section 3(c) of the act (12 U.S.C. 1842(c)).

Applicant is a recently formed company, with no operations or subsidiaries, organized for the purpose of acquiring Bank (\$11 million in deposits).¹ Bank, the larger of two banks in the city of Missouri Valley,² controls 62 percent of deposits therein and is the largest of six banks in the southwestern portion of Harrison County (the relevant banking market) controlling 30 percent of deposits in that market. Since the purpose of the proposed transaction is to effect a transfer from an individual ownership of Bank to ownership by applicant (controlled by the same individual), and from other facts of record, it appears that consummation herein would not eliminate any existing or potential competition, adversely affect any other bank, or increase the concentration of banking resources in any relevant area. Competitive considerations are consistent with approval of this application.

The principal who presently owns Bank, individually, will, upon consummation, continue ownership through his control of applicant. The financial condition, managerial resources, and future prospects of applicant will be dependent, in part, upon Bank. The record reveals that Bank has sound financial resources, adequate capitalization, satisfactory management, and a demonstrated pattern of growth. Although applicant will borrow funds to acquire shares of Bank, it appears that applicant should be able to service the debt. Considerations relating to the convenience and needs of the community to be served are consistent with approval. Applicant is expected to maintain the continuity of capable local management and the satisfactory financial position of Bank. It is the Board's judgment that the proposed transaction would be in the public interest and that the application should be approved.

On the basis of the record, the application is approved for the reasons summarized above. The transaction shall not be consummated: (a) Before March 22, 1973, or (b) later than May 21, 1973, unless such period is extended for good cause by the Board, or by the Federal Reserve Bank of Chicago pursuant to delegated authority.

By order of the Board of Governors,³ effective February 20, 1973.

[SEAL] TYNAN SMITH,
Secretary of the Board.
[FR Doc. 73-3797 Filed 2-29-73; 8:45 am]

¹ All banking data are as of June 30, 1972.

² Missouri Valley (population 3,500), the economy of which is almost entirely agricultural, is located in west-central Iowa 8 miles from the Missouri River (forming the boundary between Iowa and Nebraska) and 24 miles north of Council Bluffs, Iowa, and Omaha, Nebr.

³ Voting for this action: Vice Chairman Robertson and Governors Mitchell, Brimmer, Sheehan, and Bucher. Absent and not voting: Chairman Burns and Governor Daane.

FIRST NATIONAL HOLDING CORP.

Proposed Acquisition of Fairlane Finance Co., Inc.

First National Holding Corp., Atlanta, Ga., has applied, pursuant to sections 4(c)(8) of the Bank Holding Company Act (12 U.S.C. 1843(c)(8)) and § 225.4(b)(2) of the Board's Regulation Y, for permission to acquire the assets of Fairlane Finance Co., Inc., Easley, S.C. Notice of the application was published in newspapers of general circulation in areas in which Fairlane Finance Co. presently operates as follows:

The Easley Progress, Easley, S.C., November 1, 1972-January 10, 1973.
The Seneca Journal & Tugaloo Tribune, Seneca, S.C., November 6, 1972-January 10, 1973.
The Georgetown Times, Georgetown, S.C., November 9, 1972-January 18, 1973.
The Twin-City News, Batesburg, S.C., November 9, 1972-January 18, 1973.
The Monitor, Liberty, S.C., November 9, 1972-January 11, 1973.
The Greenville News, Greenville, S.C., November 4, 1972-January 10, 1973.
The Pickens Sentinel, Pickens, S.C., November 9, 1972-January 11, 1973.
The Statesville Record & Landmark, Statesville, S.C., November 7, 1972-January 5, 1973.
The Lake City News & Post, Lake City, S.C., November 8, 1972-January 12, 1973.
The Sumter Daily Item, Sumter, S.C., November 10, 1972-January 12, 1973.

Applicant states that the proposed subsidiary would engage in the activities of a finance company and act as an agent with respect to sales of credit life and disability insurance on borrowers in connection with loans and casualty insurance on property securing such loans. Such activities have been specified by the Board in § 225.4(a) of Regulation Y as permissible for bank holding companies, subject to Board approval of individual proposals in accordance with the procedures of § 225.4(b).

Interested persons may express their views on the question whether consummation of the proposal can "reasonably be expected to produce benefits to the public, such as greater convenience, increased competition, or gains in efficiency, that outweigh possible adverse effects, such as undue concentration of resources, decreased or unfair competition, conflicts of interests, or unsound banking practices." Any request for a hearing on this question should be accompanied by a statement summarizing the evidence the person requesting the hearing proposes to submit or to elicit at the hearing and a statement of the reasons why this matter should not be resolved without a hearing.

The application may be inspected at the offices of the Board of Governors or at the Federal Reserve Bank of Atlanta.

Any views or requests for hearing should be submitted in writing and received by the Secretary, Board of Governors of the Federal Reserve System, Washington, D.C. 20551, not later than March 21, 1973.

Board of Governors of the Federal Reserve System, February 22, 1973.

[SEAL] MICHAEL A. GREENSPAN,
Assistant Secretary of the Board.
[FR Doc.73-3802 Filed 2-28-73;8:45 am]

FIRST UNION, INC.

Order Approving Acquisition of Bank

First Union, Inc., St. Louis, Mo., a bank holding company within the meaning of the Bank Holding Company Act, has applied for the Board's approval under section 3(a)(3) of the Act (12 U.S.C. 1842(a)(3)) to acquire 94.3 percent or more of the voting shares of The First National Bank of Independence, Independence, Mo. (Bank).

Notice of the application, affording opportunity for interested persons to submit comments and views, has been given in accordance with section 3(b) of the Act. The time for filing comments and views has expired, and none has been timely received. The Board has considered the application in light of the factors set forth in section 3(c) of the Act (12 U.S.C. 1842(c)).

Applicant, the second largest bank holding company in Missouri, controls 13 banks with aggregate deposits of slightly more than \$1 billion, representing about 8 percent of total deposits in commercial banks in the State. All banking data are as of June 30, 1972, and reflect holding company formations and acquisitions approved by the Board to date. Consummation of the proposal would increase applicant's proportionate share of the deposits in commercial banks in the State by about one-half of 1 percent, and applicant's ranking among the State's banking organizations would remain unchanged.

Bank (\$56 million deposits), the largest of five banks in the city of Independence, ranks as the 13th largest of the 112 banking organizations competing in the Kansas City SMSA (approximated by the Kansas City County), and holds less than 2 percent of the total deposits in commercial banks in that market. With two of its subsidiary banks controlling slightly more than 1 percent of the deposits, applicant is already represented in the Kansas City market. However, consummation of the proposal herein is not likely to eliminate significant competition between those subsidiaries and Bank in view of the large number of banks competing in the market and the presence of the Missouri River serving as a natural barrier between Bank and applicant's two subsidiaries. Similarly, the development of future competition between any of applicant's subsidiary banks and Bank is regarded as unlikely in view of the intervening distances between the respective banks and Missouri's restrictive branching laws. On the basis of the facts of record, the Board concludes that consummation of Applicant's proposal would

not eliminate any significant existing competition nor foreclose the development of significant potential competition.

The financial and managerial resources and future prospects of applicant and its subsidiaries are regarded as satisfactory and consistent with approval of the application. The same conclusions apply with respect to considerations relating to the banking factors as they pertain to Bank. The major banking needs of the Independence area are presently being served by the local banks and the nearby Kansas City banks. However, applicant indicates that it intends to assist Bank in improving and expanding its operations in such areas as fiduciary services, and commercial and real estate lending. Considerations relating to the convenience and needs appear to be consistent with approval of the application. It is the Board's judgment that consummation of the proposed acquisition would be in the public interest and that the application should be approved.

On the basis of the record, the application is approved for the reasons summarized above. The transaction shall not be consummated: (a) Before March 26, 1973, or (b) later than May 22, 1973, unless such period is extended for good cause by the Board or by the Federal Reserve Bank of St. Louis pursuant to delegated authority.

By order of the Board of Governors,¹ effective February 22, 1973.

[SEAL] TYNAN SMITH,
Secretary of the Board.
[FR Doc.73-3801 Filed 2-28-73;8:45 am]

PARK BANCSHARES, INC.

Formation of One-Bank Holding Company

Park Bancshares, Inc., St. Joseph, Mo., has applied for the Board's approval under section 3(a)(1) of the Bank Holding Company Act (12 U.S.C. 1842(a)(1)) to become a bank holding company through acquisition of 80 percent or more of the voting shares of the Park Bank of St. Joseph, St. Joseph, Mo. The factors that are considered in acting on the application are set forth in section 3(c) of the act (12 U.S.C. 1842(c)).

The application may be inspected at the office of the Board of Governors or at the Federal Reserve Bank of Kansas City. Any person wishing to comment on the application should submit his views in writing to the Reserve bank to be received not later than March 12, 1973.

Board of Governors of the Federal Reserve System, February 22, 1973.

[SEAL] MICHAEL A. GREENSPAN,
Assistant Secretary of the Board.
[FR Doc.73-3799 Filed 2-28-73;8:45 am]

¹ Voting for this action: Chairman Burns and Governors Robertson, Mitchell, Daane, Brimmer, Sheehan, and Bucher.

UNITED MISSOURI BANCSHARES, INC.

Acquisition of Bank

United Missouri Bancshares, Inc., Kansas City, Mo., has applied for the Board's approval under section 3(a)(3) of the Bank Holding Company Act (12 U.S.C. 1842(a)(3)) to acquire 80 percent or more of the voting shares (plus directors' qualifying shares) of United Missouri Bank of St. Louis, National Association, St. Louis, Mo., a proposed new bank. The factors that are considered in acting on the application are set forth in section 3(c) of the act (12 U.S.C. 1842(c)).

The application may be inspected at the office of the Board of Governors or at the Federal Reserve Bank of Kansas City. Any person wishing to comment on the application should submit his views in writing to the Reserve bank to be received not later than March 12, 1973.

Board of Governors of the Federal Reserve System, February 22, 1973.

[SEAL] MICHAEL A. GREENSPAN,
Assistant Secretary of the Board.
[FR Doc.73-3800 Filed 2-28-73;8:45 am]

FEDERAL TRADE COMMISSION

LARGE CORPORATE MERGERS

Requirements for Submission of Special Reports

Notice is hereby given that the Commission wishes to implement its prior resolution issued April 17, 1972, concerning notification of, and submission of special reports relating to, large corporate mergers, as published at FEDERAL REGISTER vol. 37, pages 7951-2; Accordingly the Commission has made the following resolution.

Resolved that henceforth special reports as specified in said prior resolution are hereby ordered to be filed by both acquired and acquiring companies, as follows:

(a) All acquiring companies engaging in acquisitions of assets as to which such notification is required;

(b) All acquiring companies engaged in stock acquisitions as to which such notification is required;

(c) All acquired companies whose assets in excess of \$10 million have been, or are to be, acquired in transaction covered by subparagraph (a) above;

(d) All companies whose assets or sales exceed \$10 million and 50 percent or more of whose voting stock has been, or is to be, acquired in transaction covered by subparagraph (b) above.

For purposes of implementing this order the staff of the Commission is directed to furnish such notices to file special reports as may be necessary to achieve compliance with this program.

By order of the Commission,

[SEAL] CHARLES A. TOBIN,
Secretary.

FEBRUARY 14, 1973.

[FR Doc.73-3857 Filed 2-28-73;8:45 am]

NATIONAL ADVISORY COMMITTEE ON OCCUPATIONAL SAFETY AND HEALTH

SUBCOMMITTEE ON STATE PROGRAMS

Notice of Meeting

Notice is hereby given of a meeting to be held by the Subcommittee on State Programs of the National Advisory Committee on Occupational Safety and Health established by section 7(a) of the Occupational Safety and Health Act of 1970 (29 U.S.C. 556).

The meeting will begin at 9 a.m. on March 15, 1973, in Rooms 216A and B of the Department of Labor Building, 14th Street and Constitution Avenue NW., Washington, D.C.

During the course of the meeting the following subjects will be discussed serially:

(1) Review of criteria for determining the adequacy of State plans to assume responsibility for the development and enforcement of State occupational safety and health standards;

(2) Procedure to be established for amending approved State plans; and

(3) Evaluation of implementation of such State plans.

Members of the public are invited to attend the proceedings.

Any written data, views, or arguments received by the Committee's executive secretary concerning the subjects to be considered on or before March 12, 1973, together with 25 duplicate copies will be provided to the members and will be included in the minutes of the meeting.

Interested persons wishing to address the subcommittee at the meeting should submit a request to be heard together with 25 copies thereof to the executive secretary no later than March 8, 1973, stating the nature of their intended presentation and the amount of time they will need. At the commencement of the meeting the chairman will announce the extent to which time will permit the granting of such requests.

Communications to the executive secretary should be addressed as follows:

Mr. Roger W. Grant, Executive Secretary, National Advisory Committee on Occupational Safety and Health, Room 1120b, 1726 M Street NW., Washington, DC 20210.

Signed at Washington D.C., this 26th day of February 1973.

ROGER W. GRANT,
Executive Secretary.

[FR Doc.73-3928 Filed 2-28-73; 8:45 am]

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice 73-17]

NASA RESEARCH AND TECHNOLOGY ADVISORY COUNCIL, COMMITTEE ON AERONAUTICAL OPERATING SYSTEMS

Notice of Meeting

The NASA Research and Technology Advisory Council, Committee on Aeronautical Operating Systems, will meet on March 7-8, 1973, at the NASA Ames Research Center, Moffett Field, Calif. 94035.

The meeting will be held in the committee room, second floor of the Administration Building (N-200). Members of the public will be admitted on a first-come-first-served basis up to the seating capacity of the room, which is about 40 persons. All visitors must report to the NASA visitor gatehouse.

The NASA Committee on Aeronautical Operating Systems serves in an advisory capacity only. The Chairman is Mr. Franklin W. Kolk. There are 14 members. The approved agenda is outlined below. For further information, please contact Mr. Robin K. Ransone, area code 202-755-2360.

MARCH 7, 1973

Time	Topic
8:30 a.m.----	Chairman's and Executive Secretary's Reports. (Purpose. To review results of the previous meeting of the Research and Technology Advisory Council, recent NASA organizational changes, and to introduce new members.)
9:10 a.m.----	Reports of NASA actions taken on past Committee recommendations. (Purpose. To report to the Committee the NASA responses to their recommendations concerning Flight Management, Wake Turbulence Hazards, General Aviation Research and Technology, Emergency Breathing Oxygen Systems, Ditching, Terminal Configured Vehicle and Avionics Program, and STOLAND Program.)
1:00 p.m.----	Committee discussion -- Future Aircraft Fuels Needs and Associated Research. (Purpose: A discussion of future aircraft fuels needs to elicit advice from the Committee members as to appropriate courses of research action by NASA.)
3:00 p.m.----	Status reports. (Purpose. To provide the Committee members with progress reports and current status of specific NASA Operating Systems Programs, including: Clear Air Turbulence Detection Research, Tire Materials Research, and Jet STOL Transport Financial Risk Analysis.)

MARCH 8, 1973

8:30 a.m.----	Committee discussion—Land Gear Systems Technology Improvement Needs. (Purpose. To discuss problems with current aircraft landing gear systems, to discuss new landing gear concepts, and to elicit advice from the Committee members regarding appropriate NASA landing gear research and technology.)
10:00 a.m.----	Committee discussion—Propulsive Lift Research Needs. (Purpose. To discuss NASA's research in propulsive lift systems, in light of recent cancellation of the QUESTOL program, and to elicit Committee member's advice and comments on propulsive lift research.)

Time	Topic
1:00 p.m.----	Committee discussion—NASA Aviation Safety Research Program. (Purpose. To present outline of NASA Aviation Safety Research Program and to elicit Committee advice and discussion of this program.)
2:00 p.m.----	Executive session. (Purpose. To discuss programs under the cognizance of Committee members' affiliations which are of interest to the Committee, and which have bearing upon future NASA program planning. Closed to public.)
4:30 p.m.----	Adjournment.

HOMER E. NEWELL,
Associate Administrator, National Aeronautics and Space Administration.

[FR Doc.73-3757 Filed 2-28-73; 8:45 am]

RAILROAD RETIREMENT BOARD RAILROAD RETIREMENT SUPPLEMENT ANNUITY PROGRAM

Determination of Quarterly Rate of Excise Tax

In accordance with directions in section 3221(c) of the Railroad Retirement Tax Act (26 U.S.C. 3221(c)) as amended by section 5(a) of Public Law 91-215, the Railroad Retirement Board has determined that the excise tax imposed by such section 3221(c) on every employer, with respect to having individuals in his employ, for each man-hour for which compensation is paid by such employer for services rendered to him during the quarter beginning April 1, 1973, shall be at the rate of 7½ cents.

Dated: February 22, 1973.

By authority of the Board.

[SEAL]

R. F. BUTLER,
Secretary of the Board.

[FR Doc.73-3846 Filed 2-28-73; 8:45 am]

SECURITIES AND EXCHANGE COMMISSION

[File No. 500-1]

ACCURATE CALCULATOR CORPORATION

Order Suspending Trading

FEBRUARY 23, 1973.

It appearing to the Securities and Exchange Commission that the summary suspension of trading in the common stock, \$0.01 par value, and all other securities of Accurate Calculator Corp., being traded otherwise than on a national securities exchange is required in public interest and for the protection of investors;

It is ordered, Pursuant to section 15(c)(5) of the Securities Exchange Act of 1934, that trading in such securities otherwise than on a national securities exchange be summarily suspended, this order to be effective for the period from

February 24, 1973, through March 5, 1973.

By the Commission.

[SEAL] RONALD F. HUNT,
Secretary.

[FR Doc.73-3784 Filed 2-28-73;8:45 am]

[File No. 500-1]

AFCOA

Order Suspending Trading

FEBRUARY 20, 1973.

It appearing to the Securities and Exchange Commission that the summary suspension of trading in the common stock, \$0.10 par value, and all other securities of AFCOA, being traded otherwise than on a national securities exchange is required in the public interest and for the protection of investors: It is ordered, Pursuant to section 15 (c) (5) of the Securities Exchange Act of 1934, that trading in such securities otherwise than on a national securities exchange be summarily suspended, this order to be effective for the period from 11:30 a.m. (e.s.t.), on February 20, 1973, through March 1, 1973.

By the Commission.

[SEAL] RONALD F. HUNT,
Secretary.

[FR Doc.73-3777 Filed 2-28-73;8:45 am]

[File Nos. 7-4337-7-4344]

BERKEY PHOTO, INC., ET AL.

Notice of Applications for Unlisted Trading Privileges and of Opportunity for Hearing

FEBRUARY 23, 1973.

In the matter of applications of the Boston Stock Exchange for unlisted trading privileges in certain securities, Securities Exchange Act of 1934.

The above-named national securities exchange has filed applications with the Securities and Exchange Commission pursuant to section 12(f) (1) (B) of the Securities Exchange Act of 1934 and Rule 12f-1 thereunder, for unlisted trading privileges in the common stocks of the following companies, which securities are listed and registered on one or more other national securities exchanges:

Name	File No.
Berkey Photo, Inc.	7-4337
Chesborough-Ponds, Inc.	7-4338
Coca Cola Bottling of New York (The)	7-4339
Ex-Cell-O Corp.	7-4340
The Fluor Corp.	7-4341
Ideal Toy Corp.	7-4342
Illinois Central Industries, Inc.	7-4343
Jewel Cos., Inc.	7-4344

Upon receipt of a request, on or before March 11, 1973 from any interested person, the Commission will determine whether the application with respect to any of the companies named shall be set down for hearing. Any such request should state briefly the title of the security in which he is interested, the nature of the interest of the person

making the request, and the position he proposes to take at the hearing, if ordered. In addition, any interested person may submit his views or any additional facts bearing on any of the said applications by means of a letter addressed to the Secretary, Securities and Exchange Commission, Washington, D.C. 20549, not later than the date specified. If no one requests a hearing with respect to any particular application, such application will be determined by order of the Commission on the basis of the facts stated therein and other information contained in the official files of the Commission pertaining thereto.

For the Commission, by the Division of Market Regulation, pursuant to delegated authority.

[SEAL] RONALD F. HUNT,
Secretary.

[FR Doc.73-3773 Filed 2-28-73;8:45 am]

[File No. 500-1]

CLINTON OIL CO.

Order Suspending Trading

FEBRUARY 23, 1973.

It appearing to the Securities and Exchange Commission that the summary suspension of trading in the common stock, \$0.03 1/2 par value, and all other securities of Clinton Oil Co., being traded otherwise than on a national securities exchange is required in the public interest and for the protection of investors: It is ordered, Pursuant to section 15 (c) (5) of the Securities Exchange Act of 1934, that trading in such securities otherwise than on a national securities exchange be summarily suspended, this order to be effective for the period from February 26, 1973, through March 7, 1973.

By the Commission.

[SEAL] RONALD F. HUNT,
Secretary.

[FR Doc.73-3785 Filed 2-28-73;8:45 am]

[70-5312]

CONNECTICUT LIGHT & POWER CO.

Proposed Issue and Sale of First and Refunding Mortgage Bonds at Competitive Bidding

FEBRUARY 23, 1973.

Notice is hereby given that the Connecticut Light & Power Co. (CL&P), Selden Street, Berlin, CT 06037, a public-utility subsidiary company of Northeast Utilities, 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 following proposed transaction. All interested persons are referred to the application, which is summarized below, for a complete statement of the proposed transaction.

CL&P proposes to issue and sell, subject to the competitive bidding requirements of Rule 50 under the Act, \$50 mil-

lion principal amount of ----- percent First and Refunding Mortgage Bonds, Series Z, due April 1, 2003. The interest rate (which shall be a multiple of one-eighth of 1 percent) and the price, exclusive of accrued interest, to be paid to CL&P (which shall be not less than 99 percent nor more than 102 3/4 percent of the principal amount thereof) will be determined by the competitive bidding. The bonds will be issued under the Indenture of Mortgage and Deed of Trust dated May 1, 1921, between CL&P and Bankers Trust Co., Trustee, as heretofore supplemented and amended and as to be further supplemented by a Supplemental Indenture to be dated as of April 1, 1973, which contains a prohibition until April 1, 1978, against refunding the issue with the proceeds of funds borrowed at a lower effective interest cost.

The net proceeds from the issue and sale of the bonds will be applied toward repayment of short-term borrowings incurred in financing CL&P's 1972-73 construction program, which borrowings are expected to aggregate \$95 million at the time of the proposed sale. It is anticipated that Northeast Utilities will make a \$20 million capital contribution in March 1973, which will be used by CL&P in further reduction of its short-term borrowings (file No. 70-5308). CL&P's construction program for 1973 is estimated at \$143 million, and it is stated that this program will require an additional \$60 million of external financing which CL&P contemplates will be obtained temporarily through short-term borrowings. CL&P anticipates a further capital contribution from Northeast Utilities, as well as additional long-term financing (first mortgage bonds or preferred stock) later this year. Such additional financing will, to the extent necessary, be the subject of future filings with the Commission.

A statement of the fees and expenses incident to the proposed transaction will be filed by amendment. The filing states that the proposed issue and sale of bonds is subject to the approval of the Connecticut Public Utilities Commission, and indicates 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 March 22, 1973, 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 (airmail 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 with the request.

[File No. 7-4336]

CURTIS PUBLISHING CO.**Application for Unlisted Trading Privileges**

FEBRUARY 23, 1973.

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. Persons who request a hearing or advice as to whether a hearing is ordered will receive notice of further developments in this matter, including the date of the hearing (if ordered) and any postponements thereof.

For the Commission, by the Division of Corporate Regulation, pursuant to delegated authority.

[SEAL] RONALD F. HUNT,
Secretary.

[FR Doc.73-3776 Filed 2-28-73;8:45 am]

[File No. 7-4350]

CURTIS PUBLISHING CO.**Application for Unlisted Trading Privileges**

FEBRUARY 23, 1973.

In the matter of application of the Midwest Stock Exchange for unlisted trading privileges in a certain security, Securities Exchange Act of 1934.

The above named national securities exchange has filed an application with the Securities and Exchange Commission pursuant to section 12(f) (1) (B) of the Securities Exchange Act of 1934 and Rule 12F-1 thereunder, for unlisted trading privileges in the common stock of the following company, which security is listed and registered on one or more other national securities exchange:

The Curtis Publishing Co.----- File No. 7-4350

Upon receipt of a request, on or before March 11, 1973, from any interested person, the Commission will determine whether the application shall be set down for hearing. Any such request should state briefly the nature of the interest of the person making the request and the position he proposes to take at the hearing, if ordered. In addition, any interested person may submit his views or any additional facts bearing on the said application by means of a letter addressed to the Secretary, Securities and Exchange Commission, Washington, D.C. 20549, not later than the date specified. If no one requests a hearing, this application will be determined by order of the Commission on the basis of the facts stated therein and other information contained in the official files of the Commission pertaining thereto.

For the Commission, by the Division of Market Regulation, pursuant to delegated authority.

[SEAL] RONALD F. HUNT,
Secretary.

[FR Doc.73-3771 Filed 2-28-73;8:45 am]

The Curtis Publishing Co.----- File No. 7-4336

Upon receipt of a request, on or before March 11, 1973 from any interested person, the Commission will determine whether the application shall be set down for hearing. Any such request should state briefly the nature of the interest of the person making the request and the position he proposes to take at the hearing, if ordered. In addition, any interested person may submit his views or any additional facts bearing on the said application by means of a letter addressed to the Secretary, Securities and Exchange Commission, Washington, D.C. 20549, not later than the date specified. If no one requests a hearing, this application will be determined by order of the Commission on the basis of the facts stated therein and other information contained in the official files of the Commission pertaining thereto.

For the Commission, by the Division of Market Regulation, pursuant to delegated authority.

[SEAL] RONALD F. HUNT,
Secretary.

[FR Doc.73-3769 Filed 2-28-73;8:45 am]

[File No. 500-1]

FIRST LEISURE CORP.**Order Suspending Trading**

FEBRUARY 23, 1973.

It appearing to the Securities and Exchange Commission that the summary suspension of trading in the common stock, \$0.10 par value and all other securities of First Leisure Corp., being traded otherwise than on a national securities exchange is required in the public interest and for the protection of investors;

It is ordered, Pursuant to section 15(c) (5) of the Securities Exchange Act of 1934, that trading in such securities otherwise than on a national securities exchange be summarily suspended, this

order to be effective for the period from February 25, 1973, through March 6, 1973.

By the Commission.

[SEAL] RONALD F. HUNT,
Secretary.

[FR Doc.73-3783 Filed 2-28-73;8:45 am]

[File No. 500-1]

FIRST WORLD CORP.**Order Suspending Trading**

FEBRUARY 23, 1973.

It appearing to the Securities and Exchange Commission that the summary suspension of trading in the Class A and Class B common stocks, \$0.15 par value, and all other securities of First World Corp. being traded otherwise than on a national securities exchange is required in the public interest and for the protection of investors;

It is ordered, Pursuant to section 15(c) (5) of the Securities Exchange Act of 1934, that trading in such securities otherwise than on a national securities exchange be summarily suspended, this order to be effective for the period from February 24, 1973, through March 5, 1973.

By the Commission.

[SEAL] RONALD F. HUNT,
Secretary.

[FR Doc.73-3787 Filed 2-28-73;8:45 am]

[File Nos. 7-4345-7-4349]

LEEDS & NORTHROP CO. ET AL.**Applications for Unlisted Trading Privileges**

FEBRUARY 23, 1973.

In the matter of applications of the Boston Stock Exchange for unlisted trading privileges in certain securities, Securities Exchange Act of 1934.

The above named national securities exchange has filed applications with the Securities and Exchange Commission pursuant to section 12(f) (1) (B) of the Securities Exchange Act of 1934 and Rule 12f-1 thereunder, for unlisted trading privileges in the common stocks of the following companies, which securities are listed and registered on one or more other national securities exchanges:

Name	File No.
Leeds & Northrop Co.-----	7-4345
Newmont Mining Corp.-----	7-4346
Paine, Webber, Jackson & Curtis, Inc.	7-4347
Jos. Schlitz Brewing Co.-----	7-4348
Dean Witter & Company, Inc.-----	7-4349

Upon receipt of a request, on or before March 11, 1973, from any interested person, the Commission will determine whether the application with respect to any of the companies named shall be set down for hearing. Any such request should state briefly the title of the security in which he is interested, the nature of the interest of the person making the request, and the position he proposes to

[File No. 500-1]

MANAGEMENT DYNAMICS, INC.

Order Suspending Trading

FEBRUARY 23, 1973.

It appearing to the Securities and Exchange Commission that the summary suspension of trading in the common stock, \$0.01 par value, and all other securities of Management Dynamics, Inc., being traded otherwise than on a national securities exchange is required in the public interest and for the protection of investors;

It is ordered, Pursuant to section 15 (c) (5) of the Securities Exchange Act of 1934, that trading in such securities otherwise than on a national securities exchange be summarily suspended, this order to be effective for the period from February 26, 1973, through March 7, 1973.

By the Commission.

[SEAL] RONALD F. HUNT,
Secretary.

[FR Doc. 73-3786 Filed 2-28-73; 8:45 am]

[812-3386]

MORGAN STANLEY & CO. INC.

Filing of Application for an Order of Exemption

Notice is hereby given that Morgan Stanley & Co. Inc., 140 Broadway, New York, NY 10005, a registered broker-dealer corporation with its principal office at 140 Broadway, New York, NY 10005 (Applicant), in connection with a proposed public offering of shares of Common Stock of Pacific American Income Shares, Inc. (the Company), a registered, closed-end, diversified management investment company, has filed an application pursuant to section 6(c) of the Investment Company Act of 1940 (the Act) for an order exempting Applicant and its counterwriters from section 30(f) of the Act to the extent that such section adopts section 16(b) of the Securities Exchange Act of 1934 (the Exchange Act) with respect to their transactions incidental to the distribution of Company shares. All interested persons are referred to the application on file with the Commission for a statement of the representations therein, which are summarized below.

Applicant, E. F. Hutton & Co. Inc., a registered broker-dealer corporation with its principal office at One Battery Park Plaza, New York, N.Y. 10004, and Bateman Eichler, Hill Richards, Inc., a registered broker-dealer corporation with its principal office at 460 South Spring Street, Los Angeles, CA 90013, are the prospective managers (the Managers) of a group of underwriters (the Underwriters) being formed in connection with the above public offering.

Shares of the Company are to be purchased by the Underwriters pursuant to an Underwriting Agreement (the Underwriting Agreement) to be entered into between the Underwriters, represented by the Managers, and the Company. It is also contemplated that one or more dealers will offer to sell certain of the

shares and in connection with such offer and sale, each such dealer will execute a Dealer Agreement. It is intended that the several Underwriters will make a public offering of all the Company shares which such Underwriters are to purchase under the Underwriting Agreement at the price therein specified, as soon on or after the effective date of the Company's Registration Statement on Form S-4 (the Registration Statement) as the Managers deem advisable, and such shares are initially to be offered to the public in accordance with the formulae for the determination of the per share public offering price and underwriting commissions (which vary based upon the number of shares purchased in a single transaction) to be specified in the prospectus incorporated in the Registration Statement (the Prospectus) at the time the Registration Statement becomes effective under the Securities Act of 1933, as amended. Although 6,600,000 shares have been included for registration in the Registration Statement, the actual number of shares which may be the subject of the proposed public offering may be increased or decreased by the Managers and the Company shortly before the effective date of the Registration Statement and the proposed public offering, and depending upon the exercise of an over-allotment election granted to the Underwriters.

Applicant states that it is possible that the original purchase obligation of any one or more of the Underwriters, including each of the Managers, will exceed 10 percent of the aggregate number of shares of the Company's Common Stock to be outstanding after the purchase by the several Underwriters pursuant to the Underwriting Agreement or upon the completion of the initial public offering or at some interim time. Since section 30(f) of the Act subjects every person who is directly or indirectly the beneficial owner of more than 10 percent of any class of outstanding securities of the Company to the same duties and liabilities as those imposed by section 16 of the Exchange Act with respect to the transactions in the securities of the Company, such Underwriter or Underwriters would become subject to the filing requirements of section 16(a) of the Exchange Act and, upon resale of the shares purchased by them to their customers, subject to the obligations imposed by section 16(b) of the Exchange Act.

Rule 16b-2 under the Exchange Act exempts certain transactions in connection with a distribution of securities from the operation of section 16(b) thereof. Applicant states that the purpose of the purchase of the shares by the Underwriters will be for resale in connection with the initial distribution of the shares. Applicant states that such purchases and sales, therefore, will be transactions effected in connection with a distribution of a substantial block of securities within the purpose and spirit of Rule 16b-2.

Applicant states that it is possible that one or more of the Underwriters, through their participation in the distribution of

take at the hearing, if ordered. In addition, any interested person may submit his views or any additional facts bearing on any of the said applications by means of a letter addressed to the Secretary, Securities and Exchange Commission, Washington, D.C. 20549 not later than the date specified. If no one requests a hearing with respect to any particular application, such application will be determined by order of the Commission on the basis of the facts stated therein and other information contained in the official files of the Commission pertaining thereto.

For the Commission, by the Division of Market Regulation, pursuant to delegated authority.

[SEAL] RONALD F. HUNT,
Secretary.

[FR Doc. 73-3774 Filed 2-28-73; 8:45 am]

[File No. 500-1]

LILAC TIME, INC.

Order Suspending Trading

FEBRUARY 23, 1973.

It appearing to the Securities and Exchange Commission that the summary suspension of trading in the common stock, \$0.05 par value, and all other securities of Lilac Time, Inc., being traded otherwise than on a national securities exchange is required in the public interest and for the protection of investors;

It is ordered, Pursuant to section 15 (c) (5) of the Securities Exchange Act of 1934, that trading in such securities otherwise than on a national securities exchange be summarily suspended, this order to be effective for the period from February 24, 1973, through March 5, 1973.

By the Commission.

[SEAL] RONALD F. HUNT,
Secretary.

[FR Doc. 73-3780 Filed 2-28-73; 8:45 am]

[File No. 500-1]

LOGOS DEVELOPMENT CORP.

Order Suspending Trading

FEBRUARY 23, 1973.

It appearing to the Securities and Exchange Commission that the summary suspension of trading in the common stock, \$0.01 par value, and all other securities of Logos Development Corp., being traded otherwise than on a national securities exchange is required in the public interest and for the protection of investors;

It is ordered, Pursuant to section 15 (c) (5) of the Securities Exchange Act of 1934, that trading in such securities otherwise than on a national securities exchange be summarily suspended, this order to be effective for the period from February 24, 1973 through March 4, 1973.

By the Commission.

[SEAL] RONALD F. HUNT,
Secretary.

[FR Doc. 73-3782 Filed 2-28-73; 8:45 am]

the Company's shares, may not be exempted from section 16(b) of the Exchange Act by the operation of Rule 16b-2. They may fail to meet the requirement stated in Rule 16b-2(a) (3) that the aggregate participation of persons not within the purview of section 16(b) of the Exchange Act be at least equal to the participation of persons receiving the exemption under Rule 16b-2 since it is possible that one or more of the Underwriters who, pursuant to the Underwriting Agreement, will purchase more than 10 percent of the shares of the Company may be obligated to purchase more than 50 percent of the shares of the Company being offered.

In addition to purchases of shares from the Company and sales of shares to customers, there may be the usual transactions of purchase or sale incident to a distribution such as stabilizing purchases, purchases to cover overallocments or other short positions created in connection with such distribution, and sales of shares purchased in stabilization.

Applicant states that there is no inside information in existence since the Company, prior to the initial distribution of the shares, will have no assets, other than cash, or business of any sort, and all material facts with respect to the Company will be set forth in the Prospectus pursuant to which the shares will be offered and sold. No director or officer or the Applicant or E. F. Hutton & Co. Inc., or Bateman Elchler, Hill Richards, Inc., is a director or officer of either the company or Western Asset Management Co., the Company's investment adviser (the Adviser), and Applicant states that it does not anticipate that any partner, director or officer of any other Underwriter will be a director or officer of the Company or the Adviser.

Applicant submits that the requested exemption from the provisions of section 30(f) of the Act is necessary and appropriate in the public interest and consistent with the protection of investors and the purposes fairly intended by the policy and provisions of the Act. Applicant further contends that the transactions sought to be exempted cannot lend themselves to the practices section 16(b) of the Exchange Act and section 30(f) of the Act were enacted to prevent.

Section 6(c) of the Act authorizes the Commission to exempt any person, security or transaction, or any class or classes of persons, securities, or transactions from the provisions of the Act and Rules promulgated thereunder if and to the extent that such exemption is necessary or appropriate in the public interest and consistent with the protection of investors and the purposes fairly intended by the policy and provisions of the Act.

Notice is further given that any interested person may, not later than March 9, 1973 at 5:30 p.m., submit to the Commission in writing a request for a hearing on this matter accompanied by a statement as to the nature of his interest, the reason for such request and the issues of fact or law proposed to be controverted, or he may request that he

be notified if the Commission shall order a hearing thereon. Any such communication should be addressed: Secretary, Securities and Exchange Commission, Washington, D.C. 20549. A copy of such request shall be served personally or by mail (airmail if the person being served is located more than 500 miles from the point of mailing) upon Applicant at the address stated above. Proof of such service (by affidavit or in case of an attorney-at-law by certificate) shall be filed contemporaneously with the request. At any time after said date, as provided by Rule 0-5 of the Rules and Regulations promulgated under the act, an order disposing of the Application herein may be issued by the Commission upon the basis of the information stated in said application, unless an order for hearing upon said Application shall be issued upon request or upon the Commission's own motion. Persons who request a hearing or advice as to whether a hearing is ordered, will receive notice of further developments in this matter, including the date of the hearing (if ordered) and any postponements thereof.

For the Commission, by the Division of Investment Management Regulation, pursuant to delegated authority.

[SEAL] RONALD F. HUNT,
Secretary.
[FR Doc.73-3775 Filed 2-28-73;8:45 am]

[File No. 500-1]

NOVA EQUITY VENTURES, INC.

Order Suspending Trading

FEBRUARY 21, 1973.

It appearing to the Securities and Exchange Commission that the summary suspension of trading in the common stock, \$0.01 par value, and all other securities of Nova Equity Ventures, Inc., being traded otherwise than on a national securities exchange is required in the public interest and for the protection of investors;

It is ordered, Pursuant to section 15(c) (5) of the Securities Exchange Act of 1934, that trading in such securities otherwise than on a national securities exchange be summarily suspended, this order to be effective for the period from February 22, 1973, through March 3, 1973.

By the Commission.
[SEAL] RONALD F. HUNT,
Secretary.
[FR Doc.73-3789 Filed 2-28-73;8:45 am]

[File No. 500-1]

PARADOX PRODUCTION CORP.

Order Suspending Trading

FEBRUARY 20, 1973.

It appearing to the Securities and Exchange Commission that the summary suspension of trading in the common stock, \$1 par value, and all other securities of Paradox Production Corp., being traded otherwise than on a national se-

curities exchange is required in the public interest and for the protection of investors;

It is ordered, Pursuant to section 15(c) (5) of the Securities Exchange Act of 1934, that trading in such securities otherwise than on a national securities exchange be summarily suspended, this order to be effective for the period from 11:30 a.m. (e.s.t.) on February 20, 1973 through March 1, 1973.

By the Commission.

[SEAL] RONALD F. HUNT,
Secretary.
[FR Doc.73-3779 Filed 2-28-73;8:45 am]

[File No. 500-1]

PELOREX CORP.

Order Suspending Trading

FEBRUARY 23, 1973.

It appearing to the Securities and Exchange Commission that the summary suspension of trading in the common stock, \$0.10 par value, and all other securities of Pelorex Corporation, being traded otherwise than on a national securities exchange is required in the public interest and for the protection of investors;

It is ordered, Pursuant to section 15 (c) (5) of the Securities Exchange Act of 1934, that trading in such securities otherwise than on a national securities exchange be summarily suspended, this order to be effective for the period from February 25, 1973 through March 6, 1973.

By the Commission.

[SEAL] RONALD F. HUNT,
Secretary.
[FR Doc.73-3781 Filed 2-28-73;8:45 am]

[File No. 7-4351]

RAPID AMERICAN CORP. (DELAWARE)

Applications for Unlisted Trading Privileges

FEBRUARY 23, 1973.

In the matter of application of the PBW Stock Exchange, Inc., for unlisted trading privileges in certain securities.

The above named national securities exchange has filed application with the Securities and Exchange Commission pursuant to section 12(f)(1)(B) of the Securities Exchange Act of 1934 and Rule 12f-1 thereunder, for unlisted trading privileges in the warrants to purchase common stock of the following company which security is listed and registered on one or more other national securities exchanges:

Rapid-American Corp (Delaware), File No. 7-4351.

Upon receipt of the request, on or before March 11, 1973, for any interested person, the Commission will determine whether the application with respect to the company named shall be set down for hearing. Any such request should state briefly the title of the security in which he is interested, the nature of the interest of the person making the request, and the position he proposes to

take at the hearing, if ordered. In addition, any interested person may submit his views or any additional facts bearing on any of the said applications by means of a letter addressed to the Secretary, Securities and Exchange Commission, Washington, D.C. 20549, not later than the date specified. If no one requests a hearing with respect to any particular application, such application will be determined by order of the Commission on the basis of the facts stated therein and other information contained in the official files of the Commission pertaining thereto.

For the Commission, by the Division of Market Regulation pursuant to delegated authority.

[SEAL] RONALD F. HUNT,
Secretary.

[FR Doc.73-3770 Filed 2-28-73;8:45 am]

[File No. 7-4352]

RAPID AMERICAN CORP. (DELAWARE)

Application for Unlisted Trading Privileges

FEBRUARY 23, 1973.

In the matter of application of the PBW Stock Exchange, Inc. For unlisted trading privileges in a certain security.

The above named national securities exchange has filed an application with the Securities and Exchange Commission pursuant to section 12(f) (1) (B) of the Securities Exchange Act of 1934 and Rule 12f-1 thereunder, for unlisted trading privileges in the common stock of the following company, which security is listed and registered on one or more other national securities exchange:

Rapid-American Corp. (Delaware), File No. 7-4352.

Upon receipt of a request, on or before March 11, 1973 from any interested person, the Commission will determine whether the application shall be set down for hearing. Any such request should state briefly the nature of the interest of the person making the request and the position he proposes to take at the hearing, if ordered. In addition, any interested person may submit his views or any additional facts bearing on the said application by means of a letter addressed to the Secretary, Securities and Exchange Commission, Washington, D.C., 20549, not later than the date specified. If no one requests a hearing, this application will be determined by order of the Commission on the basis of the facts stated therein and other information contained in the official files of the Commission pertaining thereto.

For the Commission, by the Division of Market Regulations, pursuant to delegated authority.

[SEAL] RONALD F. HUNT,
Secretary.

[FR Doc.73-3772 Filed 2-28-73;8:45 am]

[File No. 500-1]

TOPPER CORP.

Order Suspending Trading

FEBRUARY 22, 1973.

The common stock, \$1 par value of Topper Corp. being traded on the American Stock Exchange, pursuant to provisions of the Securities Exchange Act of 1934 and all other securities of Topper Corp. being traded otherwise than on a national securities exchange; 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 19(a) (4) and 15(c) (5) of the Securities Exchange Act of 1934, that trading in such securities on the above mentioned exchange and otherwise than on a national securities exchange be summarily suspended, this order to be effective for the period from February 23, 1973 through March 4, 1973.

By the Commission.

[SEAL] RONALD F. HUNT,
Secretary.

[FR Doc.73-3768 Filed 2-28-73;8:45 am]

[File No. 500-1]

TRIEX INTERNATIONAL CORP.

Order Suspending Trading

FEBRUARY 22, 1973.

It appearing to the Securities and Exchange Commission that the summary suspension of trading in the common stock, \$0.01 par value, of Triex International Corp. being traded otherwise than on a national securities exchange is required in the public interest and for the protection of investors;

It is ordered, Pursuant to section 15(c) (5) of the Securities Exchange Act of 1934, that trading in such securities otherwise than on a national securities exchange be summarily suspended, this order to be effective for the period from February 23, 1973, through March 4, 1973.

By the Commission.

[SEAL] RONALD F. HUNT,
Secretary.

[FR Doc.73-3788 Filed 2-28-73;8:45 am]

[File No. 500-1]

U.S. FINANCIAL INC.

Order Suspending Trading

FEBRUARY 22, 1973.

The common stock, \$2.50 par value, of U.S. Financial Inc., being traded on the New York Stock Exchange, pursuant to provisions of the Securities Exchange Act of 1934 and all other securities of U.S.

Financial Inc., being traded otherwise than on a national securities exchange; and

It appearing to the Securities and Exchange Commission that the summary suspension of trading in such securities on such exchange 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 above mentioned exchange and otherwise than on a national securities exchange be summarily suspended, this order to be effective for the period from February 23, 1973, through March 4, 1973.

By the Commission.

[SEAL] RONALD F. HUNT,
Secretary.

[FR Doc.73-3767 Filed 2-28-73;8:45 am]

DEPARTMENT OF LABOR

Bureau of Labor Statistics

BUSINESS RESEARCH ADVISORY COUNCIL'S COMMITTEE ON PRODUCTIVITY AND TECHNOLOGY

Notice of Meeting

The BRAC Committee on Productivity and Technology will meet at 1:30 p.m., March 8, 1973, at the General Accounting Office Building, 441 G Street NW., Room 4454, Washington, DC. The agenda for the meeting is as follows:

1. Discussion of the government productivity measurement project.
2. A report on a pilot study conducted by the office on revised work schedules in selected plants.
3. A report on the development of an index for the private economy adjusted for the effects of shifts.
4. The status report of the work for the National Commission on Productivity.

For further information call:

Kenneth Van Auken, Executive Secretary,
BRAC 202-961-2559.

Signed at Washington, D.C., this 22d day of February 1973.

BEN BURDETSKY,
Deputy Commissioner
of Labor Statistics.

[FR Doc.73-3942 Filed 2-28-73;8:45 am]

Office of Secretary

FEDERAL SAFETY ADVISORY COUNCIL

Notice of Meeting

Notice is hereby given of a meeting to be held by the Federal Safety Advisory Council established to advise the Secretary of Labor with regard to occupational safety and health programs applicable to Federal employees (Executive Order 11612; 3 CFR, 1971 Comp., p. 195).

The meeting will begin at 9 a.m. on March 16, 1973, in Conference Room C

of the departmental auditorium between 12th and 14th Streets on Constitution Avenue NW., Washington, D.C.

During the course of the meeting the following subjects will be discussed serially:

- (1) Safety and health training for Federal employees;
- (2) Proposed new regulations;
- (3) Future national program;
- (4) Regional conferences;
- (5) Role of field chapters;
- (6) Annual Federal statistics;
- (7) Accident reporting; and
- (8) National highway standards.

Members of the public are invited to attend the proceedings.

Any written data, views, or arguments received by the Council concerning the subjects to be considered on or before March 12, 1973, together with 25 duplicate copies will be provided to the members and will be included in the minutes of the meeting.

Interested persons wishing to address the Council at the meeting should submit a request to be heard together with 25 copies thereof no later than March 8, 1973, stating the nature of their intended presentation and the amount of time they will need. At the commencement of the meeting, the chairman will announce the extent to which time will permit the granting of such requests.

Communications to the Council should be addressed as follows:

Mr. Eugene L. Newman, Director, Office of Federal Agency Programs, Room 409, 400 First Street NW., Washington, DC 20210.

Signed at Washington, D.C., this 26th day of February 1973.

CHAIN ROBBINS,
Acting Assistant Secretary of Labor.
[FR Doc. 73-3927 Filed 2-28-73; 8:45 am]

INTERSTATE COMMERCE COMMISSION

[Notice No. 17]

MOTOR CARRIER, BROKER, WATER CARRIER AND FREIGHT FORWARDER APPLICATIONS

FEBRUARY 23, 1973.

The following applications (except as otherwise specifically noted, each applicant (on application filed after Mar. 27, 1972) states that there will be no significant effect on the quality of the human environment resulting from approval of its application), are governed by Special Rule 1100.247¹ of the Commission's general rules of practice (49 CFR, as amended), published in the FEDERAL REGISTER issue of April 20, 1966, effective May 20, 1966. 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 section 247(d) (3) of the rules of practice which requires that

it set forth specifically the grounds upon which it is made, contain a detailed statement of protestant's interest in the proceeding (including a copy of the specific portions of its authority which protestant believes to be in conflict with that sought in the application, and describing in detail the method—whether by joinder, interline, or other means—by which protestant would use such authority to provide all or part of the service proposed), and shall 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 one (1) copy 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 requests shall meet the requirements of section 247(d) (4) of the special rules, and shall include the certification required therein.

Section 247(f) of the Commission's rules of practice further provides that each applicant shall, if protests to its application have been filed, on or before April 30, 1973, notify the Commission in writing (1) that it is ready to proceed and prosecute the application, or (2) that it wishes to withdraw the application, failure in which the application will be dismissed by the Commission.

Further processing steps (whether modified procedure, oral hearing, or other procedures) will be determined generally in accordance with the Commission's general policy statement concerning motor carrier licensing procedures, published in the FEDERAL REGISTER issue of May 3, 1966. This assignment will be by Commission order which will be served on each party of record. Broadening amendments will not be accepted after the date of this publication except for good cause shown, and restrictive amendments will not be entertained following publication in the FEDERAL REGISTER of a notice that the proceeding has been assigned for oral hearing.

No. MC 921 (Sub-No. 23), filed January 23, 1973. Applicant: DEAN TRUCK LINE, INC., Post Office Drawer 631 (Fulton Drive), Corinth, MS 38834. Applicant's representative: Warren A. Goff, 2008 Clark Tower, 5100 Poplar Avenue, Memphis, TN 38137. 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 in 17 M.C.C. 487, livestock, commodities in bulk and articles which because of size or weight require special equipment), serving the plantsite and storage facilities of the Pulvair Corp., at or near Millington, Tenn., serving as an off-route point in connection with carrier's regu-

¹ Copies of Special Rule 247 (as amended) can be obtained by writing to the Secretary, Interstate Commerce Commission, Washington, D.C. 20423.

lar route operations from and to Memphis, Tenn., and Corinth, Miss. Note: If a hearing is deemed necessary, applicant requests it be held at Memphis, Tenn.

No. MC 2202 (Sub-No. 435), filed November 28, 1972. Applicant: ROADWAY EXPRESS, INC., 1077 Gorge Boulevard, Post Office Box 471, Akron, OH 44302. Applicant's representative: James W. Conner (same address as applicant). 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, livestock, household goods as defined by the Commission, commodities in bulk, and those requiring special equipment), between Saginaw and Bay City, Mich.: From Saginaw over Michigan Highway 47 to junction Michigan Highway 47 and U.S. Highway 10, thence over U.S. Highway 10 to Bay City, and return over the same route, serving all intermediate points and points in Midland County as off-route points. Note: Common control may be involved. If a hearing is deemed necessary, applicant requests it be held at Midland, Mich., or Washington, D.C.

No. MC 2900 (Sub-No. 234), filed January 24, 1973. Applicant: RYDER TRUCK LINES, INC., 2050 Kings Road, Post Office Box 2408, Jacksonville, FL 32203. Applicant's representative: John Carter (same address as applicant). Authority sought to operate as a common carrier, by motor vehicle, over regular routes, transporting: Dump bodies and refuse, salvage or waste containers and materials, supplies and equipment useful in the manufacture of dump bodies and containers, except in bulk, in tank vehicles, serving Enterprise, Ala., as an off-route point in connection with carrier's otherwise authorized regular route operations. Note: Common control may be involved. If a hearing is deemed necessary, applicant requests it be held at Birmingham, Ala., or Atlanta, Ga.

No. MC 4405 (Sub-No. 501), filed January 9, 1973. Applicant: DEALERS TRANSIT, INC., 2200 East 170th Street, Post Office Box 361, Lansing, IL 60438. Applicant's representative: Robert E. Joyner, 2008 Clark Tower, 5100 Poplar Avenue, Memphis, TN 38137. Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: (A) Trailers, semitrailers and trailer chassis, other than those designed to be drawn by passenger automobiles, in initial truckaway and driveaway service, from Sioux City, Iowa, to points in the United States (excluding Hawaii); and (B) Tractors in secondary movements in driveaway service only when drawing trailers, semitrailers, and trailer chassis in initial movements, from Sioux City, Iowa, to points in Alaska, Arizona, Nevada, Oregon, and Vermont. Note: Common control may be involved. Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Sioux City, Iowa, or Omaha, Nebr.

No. MC 14702 (Sub-No. 48), filed January 19, 1973. Applicant: OHIO FAST FREIGHT, INC., Post Office Box 808, Warren, OH 44482. Applicant's representative: Paul F. Beery, 88 East Broad Street, Columbus, OH 43215. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Electrical wiring harnesses, and equipment, materials, and supplies* used in the manufacture of electrical wiring harnesses (except commodities in bulk), between the plantsites of General Motors Corp., Packard Electric Division, at Warren, Ohio, on the one hand, and, on the other, the plant site of General Motors Corp., Packard Electric Division, near Clinton, Miss. Note: Applicant states that the requested authority cannot or will not be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 19227 (Sub-No. 182), filed January 12, 1973. Applicant: LEONARD BROS. TRUCKING CO., INC., 2595 Northwest 20th Street, Miami, FL 33152. Applicant's representative: William O. Turney, 2001 Massachusetts Avenue NW., Washington, DC 20036. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Pipe, wrought iron or steel*, other than oilfield, from the facilities of Proler Steel Corp. in Milwaukee, Wis., and Lemont, Ill., to points in California, Georgia, Indiana, Iowa, Kansas, Kentucky, Missouri, Montana, North Carolina, North Dakota, Nebraska, Ohio, South Carolina, South Dakota, Tennessee, Virginia, and Wyoming. Note: Common control may be involved. Applicant states that the requested authority can be tacked with in Georgia by using the third paragraph of the lead certificate, Docket No. MC 19227, and transport the commodities when they require special equipment into Florida, also can be tacked in Missouri under its Sub-No. 75, and perform transportation of these commodities into Oklahoma, Texas, and New Mexico, and by tacking in Sub-No. 143 into Arizona as long as these commodities require the use of special equipment, further, applicant can tack in Texas by using its Sub-No. 88 to perform transportation of these commodities as long as they require the use of special equipment, into Arkansas and Louisiana. If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 24583 (Sub-No. 17), filed January 19, 1973. Applicant: RODNEY STEWART and TROY STEWART, a partnership, doing business as FRED STEWART COMPANY, Post Office Box 665, Magnolia, AR 71753. Applicant's representative: Louis Tarlowski, 914 Pyramid Life Building, Little Rock, Ark. 72201. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Ceramic forms, plastic, and plastic products*, from Hamilton Township, Lawrence County, Ohio, to points in Alabama,

Arkansas, Florida, Georgia, Kansas, Kentucky, Louisiana, Mississippi, Missouri, New Mexico, Oklahoma, Tennessee, and Texas; and (2) *plastic and plastic products*, from Pevely, Mo., to points in Alabama, Arkansas, Florida, Georgia, Kansas, Kentucky, Louisiana, Mississippi, New Mexico, Ohio, Oklahoma, Tennessee, and Texas. Note: Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Little Rock, Ark.

No. MC 29910 (Sub-No. 128), filed January 18, 1973. Applicant: ARKANSAS-BEST FREIGHT SYSTEM, INC., 301 South 11th Street, Fort Smith, AR 72901. Applicant's representative: Thomas Harper and Donald A. Smith, Post Office Box 43, Kelley Building, Fort Smith, AR 72901. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Ceiling suspension systems, iron or steel studding and parts, and plasterboard*, from Westlake, Ohio, to points in Arkansas, Louisiana, Mississippi, Oklahoma, and Texas. Note: Applicant presently holds regular-route authority which duplicates, in part, the authority requested herein, however no duplicating authority is sought. Applicant states that the requested authority can be tacked with its existing authority but indicates that it has no present intention to tack and therefore does not identify the points or territories which can be served through tacking. Persons interested in the tacking possibilities are cautioned that failure to oppose the application may result in an unrestricted grant of authority. If a hearing is deemed necessary, applicant requests it be held at Cleveland, Ohio or Washington, D.C.

No. MC 31389 (Sub-No. 162), filed January 10, 1973. Applicant: McLEAN TRUCKING COMPANY, a Corporation, 617 Waughtown Street, Post Office Box 213, Winston-Salem, NC 27102. Applicant's representative: Francis W. McInerney, 1000 16th Street NW., Washington, DC 20036. 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 Kinetics International Corp., located approximately 6 miles east of Lewisville, Tex., on Texas Highway 121, as an off-route point in connection with applicant's presently authorized regular-route operations to and from Dallas, Tex. Note: Common control may be involved. If a hearing is deemed necessary, applicant requests it be held at Dallas or Austin, Tex.

No. MC 35628 (Sub-No. 343), filed January 15, 1973. Applicant: INTERSTATE MOTOR FREIGHT SYSTEM, a Corporation, 134 Grandville SW., Grand Rapids, MI 49502. Applicant's representative: Leonard D. Verdier, Jr.,

900 Old Kent Building, Grand Rapids, Mich. 49502. 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), (1) between Kansas City, Kans.-Mo., and Oklahoma City, Okla.: From Kansas City over Interstate Highway 70 to Topeka, thence from Topeka over Kansas Turnpike to junction Interstate Highway 35, thence over Interstate Highway 35 to Oklahoma City, and return over the same route; (2) between Kansas City, Kans.-Mo., and Oklahoma City, Okla.: From Kansas City over Interstate Highway 35 to junction U.S. Highway 59, thence over U.S. Highway 59 to junction U.S. Highway 169, thence over U.S. Highway 169 to Tulsa, thence over Interstate Highway 44 to Oklahoma City, and return over the same route; (3) between Kansas City, Kans.-Mo., and Little Rock, Ark.: From Kansas City over U.S. Highway 71 to junction Interstate Highway 40, thence over Interstate Highway 40 to junction U.S. Highway 167, thence over U.S. Highway 167 to Little Rock, and return over the same route; (4) between Kansas City, Kans.-Mo., and Little Rock, Ark.: From Kansas City over U.S. Highway 71 to junction Missouri Highway 7, thence over Missouri Highway 7 to junction Missouri Highway 13, thence over Missouri Highway 13 to Springfield, thence over U.S. Highway 85 to Little Rock, and return over the same route;

(5) Between Kansas City, Kans.-Mo. and Jonesboro, Ark.: From Kansas City over U.S. Highway 71 to junction Missouri Highway 7, thence over Missouri Highway 7 to junction Missouri Highway 13, thence over Missouri Highway 13 to Springfield, thence from Springfield over U.S. Highway 60 to junction U.S. Highway 63, thence over U.S. Highway 63 to Jonesboro, and return over the same route; (6) between St. Louis, Mo., and Oklahoma City, Okla.: From St. Louis over Interstate Highway 44 to Oklahoma City, and return over the same route; (7) between St. Louis, Mo., and Little Rock, Ark.: From St. Louis over Interstate Highway 55 to junction U.S. Highway 67, thence over U.S. Highway 67 to Little Rock, and return over the same route; (8) between St. Louis, Mo., and Little Rock, Ark.: From St. Louis, over Interstate Highway 55 to junction Interstate Highway 40, thence over Interstate Highway 40 to junction U.S. Highway 67, thence over U.S. Highway 67 to Little Rock, and return over the same route; serving the following intermediate or off-route points in (1) through (8) above: Boonville, El Dorado, Fayetteville, Fort Smith, Harrison, Hot Springs, Jacksonville, Jonesboro, Osceola, Paragould, Pine Bluff, Prescott, Rogers, Russellville, Siloam Springs, Springdale, and Walnut Ridge, Ark.; Ada, Ardmore, Bartlesville, Enid, Muskogee, Sand Springs, and Tulsa, Okla. Restriction: Restricted at the named

points and off-route points in (1) through (5) above to the transportation of traffic moving from, to, or through Kansas City, Kans.-Mo., and further restricted at the named points and off-route points in (6), (7), and (8) above to the transportation of traffic moving from, to, or through St. Louis, Mo. **NOTE:** Applicant states that the purpose of this request for authority is to convert certain of its irregular route operations to regular route operations. Applicant further states that it seeks no duplicating authority. If a hearing is deemed necessary, applicant requests it be held at Washington, D.C. or Detroit, Mich.

No. MC 35890 (Sub-No. 41), filed January 12, 1973. Applicant: BLODGETT FURNITURE SERVICE, INC., 3801 36th Street SE., Grand Rapids, MI 49508. Applicant's representative: Kenneth T. Johnson and Ronald W. Malin, Bankers Trust of Jamestown Building, Jamestown, N.Y. 14701. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *New furniture and furnishings*, (1) between points in Michigan, Illinois, Indiana, and Ohio, on the one hand, and, on the other, points in the United States (except Alaska and Hawaii); and (2) between points in Pennsylvania, Maryland, Delaware, Virginia, West Virginia, New Jersey, New York, Massachusetts, Connecticut, Rhode Island, Vermont, New Hampshire, and the District of Columbia, on the one hand, and, on the other, points in Arizona, Arkansas, California, Colorado, Idaho, Iowa, Kansas, Kentucky, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, Wisconsin, and Wyoming. **NOTE:** Applicant states that the requested authority cannot or will not be tacked with its existing authority. If a hearing is deemed necessary, applicant requests three sections of hearings at New York, N.Y., Chicago, Ill., and San Francisco, Calif.

No. MC 42487 (Sub-No. 801), filed January 14, 1973. Applicant: CONSOLIDATED FREIGHTWAYS CORPORATION OF DELAWARE, 175 Linfield Drive, Menlo Park, CA 94025. Applicant's representative: E. T. Lipfert, Suite 1100, 1660 L Street NW., Washington, DC 20036. 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, livestock, household goods as defined by the Commission, commodities in bulk, and those requiring special equipment) (1) between Columbus, Ohio, and Marion, Ohio, from Columbus, over U.S. Highway 23 to junction Ohio Highway 423, at or near Waldo, Ohio, and thence over Ohio Highway 423 to Marion, and return over the same route, serving as an alternate route in connection with carrier's presently authorized regular-route operations, serving no intermediate points; and (2) between Marion, Ohio, and Findlay, Ohio, from Marion over Ohio Highway 423 to junction U.S. Highway 23, thence

over U.S. Highway 23 to junction Ohio Highway 15, thence over Ohio Highway 15 to junction U.S. Highway 68, and thence over U.S. Highway 68 to Findlay, and return over the same route, serving as an alternate route in connection with carrier's presently authorized regular-route operations, serving no intermediate points. **NOTE:** If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 52110 (Sub-No. 133), filed January 8, 1973. Applicant: BRADY MOTORFRATE, INC., 2150 Grand Avenue, Des Moines, IA 50312. Applicant's representative: Cecil L. Goettsch, 11th Floor Des Moines Building, Des Moines, Iowa 50309. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Cast iron pipe, fittings and accessories*, from points in Florence and Burlington County, N.J., to points in the United States (except Maine, Vermont, New Hampshire, Connecticut, Rhode Island, New York, Pennsylvania, Maryland, Delaware, Massachusetts, Alaska, and Hawaii). **NOTE:** Applicant states that although the authority could be tacked with authority currently held by applicant to some degree, it has no current intention to tack. If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill., or Washington, D.C.

No. MC 52657 (Sub-No. 697), filed January 12, 1973. Applicant: ARCO AUTO CARRIERS, INC., 2140 West 79th Street, Chicago, IL 60620. Applicant's representatives: S. J. Zangri (same address as applicant), and A. J. Biebertstein, 121 West Doty Street, Madison, WI 53703. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (A) *Trailers and trailer chassis* (except trailers and trailer chassis designed to be drawn by passenger automobiles), and *trailer converter dollies*, in initial movements, in truckaway service, from points in Bryan County, Okla., to points in the United States (including Alaska, but excluding Hawaii); (B) *Trailers and trailer chassis* (except trailers and trailer chassis designed to be drawn by passenger automobiles), and *trailer converter dollies*, in secondary movements, in truckaway service, and *trash carts, motor vehicle bodies, hoists* (including portable truck cranes, freight gates, lift gates, tall gates, and winches), *packers, portable loading ramps, containers, and materials, supplies* (except commodities in bulk) and *parts* used in the manufacture, assembly or servicing of the commodities described in (A) and (B), above, when moving with such commodities, between points in Bryan County, Okla., on the one hand, and, on the other, points in the United States (including Alaska, but excluding Hawaii). **NOTE:** Applicant states that the requested authority duplicates that authority it presently holds in No. MC-52657 (Sub-No. 655) from Durant, Okla., to transport bodies, hoists (including power gates and lift gates), steel containers, trailers, trailer chassis (except those designed to be drawn by passenger automobiles), in

initial movements, in truckaway service, and materials, supplies and parts used in the manufacture, assembly and servicing of the commodities described above, when moving in mixed loads with such commodities, to Gallion and Lima, Ohio, and Kansas City and St. Louis, Mo. Applicant further states that the requested authority cannot or will not be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Washington, D.C., or Chicago, Ill.

No. MC 63417 (Sub-No. 47), filed January 15, 1973. Applicant: BLUE RIDGE TRANSFER COMPANY, INCORPORATED, 1814 Hollins Road, NW, Post Office Box 2888, Roanoke, VA 24001. Applicant's representative: Nancy Pyeatt, 420 Executive Building, 1030 15th Street NW., Washington, DC 20005. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Plastic products* used in the manufacture of new furniture, from the plantsites of Southeastern Kuson, Inc., at or near Gaffney and Greenville, S.C., to Altavista, Galax, Kenbridge, Richmond, Roanoke, Staunton, Waynesboro, and points in Pulaski County, Va. **NOTE:** Applicant states that the requested authority can be tacked with its existing authority at MC 63417 (Sub-No. 5) which authorizes transportation of general commodities (with usual exceptions) from points in Virginia to Rockymount, Va., but applicant has no present intentions to tack. If a hearing is deemed necessary, applicant requests it be held at Sumter, S.C., or Washington, D.C.

No. MC 66129 (Sub-No. 8), filed January 19, 1973. Applicant: HUGHES BROS. TRANSPORTATION COMPANY, INC., 113 Metropolitan Avenue, Brooklyn, NY 11211. Applicant's representative: Arthur J. Piken, One Lefrak City Plaza, Flushing, NY 11368. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Printing ink*, in bulk, in tank vehicles, from Chicago, Ill., and Louisville, Ky., to Philadelphia, Pa., New York, N.Y., Glen Burnie, Md., Lodi, N.J., Providence, R.I., Hoboken N.J., and Atglen, Pa. **NOTE:** Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at New York, N.Y.

No. MC 71035 (Sub-No. 1), filed January 19, 1973. Applicant: W. T. GIBSON TRANSPORTATION, INC., 216 Southwest Boulevard, Kansas City, MO 64108. Applicant's representative: Jim E. Lee (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Iron and steel articles and iron and steel products*; between ports of navigable portions of the Arkansas and Verdigris Rivers and their navigable tributaries on the one hand, and, on the other, points in Alabama, Arizona, Arkansas, California, Colorado, Florida, Georgia, Idaho, Iowa, Kansas, Louisiana,

Mississippi, Missouri, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Tennessee, Texas, Utah, Washington, and Wyoming. NOTE: Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Tulsa, Okla., or Kansas City, Mo.

No. MC 73165 (Sub-No. 318), filed January 22, 1973. Applicant: EAGLE MOTOR LINES, INC., 830 North 33d Street, Post Office Box 11086, Birmingham, AL 35202. Applicant's representative: Carl U. Hurst, Post Office Box E, Bowling Green, KY 42101. Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: *Compactors, material handling equipment and parts, attachments, accessories and supplies*, between Enterprise, Ala., on the one hand, and, on the other, points in Alabama, Florida, Georgia, North Carolina, South Carolina, Mississippi, Louisiana, and Texas. NOTE: Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Birmingham, Ala., or Washington, D.C.

No. MC 75320 (Sub-No. 162), filed January 31, 1973. Applicant: CAMPBELL SIXTY-SIX EXPRESS, INC., Post Office Box 807, Springfield, MO 65801. Applicant's representative: John A. Crawford, 700 Petroleum Building, Post Office Box 22567, Jackson, MS 39205. 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, (1) between Fort Worth over U.S. Highway 80 and Interstate Highway 20 to Jackson, and return over the same route, serving the intermediate point of Dallas, Tex., also serving Monroe, La., for purposes of joinder only. Restriction: The authority described above is restricted against the transportation of traffic originating at, destined to, or interchanged with connecting carriers at Atlanta, Ga., Birmingham and Mobile, Ala., and points within the commercial zones of each as defined by the Commission, (2) between Monroe, La., and intersection of U.S. Highways 165 and 82, at or near Monroe, Ark., as an alternate route for operating convenience only, from Monroe over U.S. Highway 165 to its intersection with U.S. Highway 82, at or near Monroe, Ark., and return over the same route, serving no intermediate points. Restriction: The authority described above is restricted to the transportation of traffic originating at, destined to, or interchanged with connecting carriers at points in Mississippi. NOTE: Common control may be involved. Applicant states no duplicating authority is sought. If a hearing is deemed necessary, applicant requests it be held at Dallas, Tex., or Jackson, Miss.

No. MC 83217 (Sub-No. 60), filed January 8, 1973. Applicant: DAKOTA EXPRESS, INC., 1614 North Cliff, Post Office Box 1252, Sioux Falls, SD 57101. Applicant's representative: Henry J. Schuette (same address as applicant). Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: *Foodstuffs*, from the distribution center site of Heinz U.S.A. Division, H. J. Heinz at Iowa City, Iowa, and the plantsite and storage facilities of Heinz U.S.A. Division at Muscatine, Iowa, to points in Minnesota, North Dakota, and South Dakota. NOTE: Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill., Pittsburgh, Pa., or Minneapolis, Minn.

No. MC 83539 (Sub-No. 362), filed January 29, 1973. Applicant: C & H TRANSPORTATION CO., INC., 1936-2010 West Commerce Street, Post Office Box 5976, Dallas, TX 75222. Applicant's representative: Thomas E. James (same address as applicant). Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: *Plastic pipe*, from Pueblo West, Colo., to points in California, Colorado, Idaho, Iowa, Kansas, Missouri, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming. NOTE: Common control may be involved. Applicant states that the requested authority can be tacked with its present authority but does not indicate the points or territories which could be served through such tacking. Persons are cautioned that failure to oppose the application may result in an unrestricted grant of authority. If a hearing is deemed necessary, applicant requests it be held at Denver, Colo.

No. MC 92633 (Sub-No. 22), filed January 8, 1973. Applicant: ZIRBEL TRANSPORT, INC., 420 28th Street N., Lewiston, ID 83501. Applicant's representative: Donald A. Ericson, 708 Old National Bank Building, Spokane, Wash. 99201. Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: (1) *General commodities*, in cargo containers either unmounted or mounted on chassis, between Portland, Ore., Seattle and Tacoma, Wash., and points on the Columbia and Snake Rivers in Benton, Franklin, Walla Walla, Columbia, Garfield, Asotin, and Whitman Counties, Wash., and Nez Perce County, Idaho, on the one hand, and, on the other points in Benton, Franklin, Walla Walla, Columbia, Garfield, Asotin, Whitman, Spokane, Adams, and Grant Counties, Wash.; and Idaho, Lewis, Nez Perce, Clearwater, Latah, Benewah, and Kootenai Counties, Idaho; and (2) on return, *empty containers* either unmounted or mounted on chassis, each movement having a prior or subsequent movement by water. NOTE: Common control may be involved. Applicant states that the

requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at either Spokane or Seattle, Wash.; Boise, Idaho, or Portland, Ore.

No. MC 95876 (Sub-No. 132), filed January 8, 1973. Applicant: ANDERSON TRUCKING SERVICE, INC., 203 Cooper Avenue N., St. Cloud, MN 56301. 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: *Wood pallets, wood crating and related materials* used in the manufacture and distribution of wood pallets and wood crating, from Aitkin and Staples, Minn., to points in Illinois, Iowa, and Wisconsin. NOTE: Common control may be involved. Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Minneapolis, Minn.

No. MC 97879 (Sub-No. 2), filed February 1, 1973. Applicant: BAB TRANSFER, INC., Clinton Street Extension, Springfield, Mass. 01101. Applicant's representative: David M. Marshall, 135 State Street, Suite 200, Springfield, MA 01103. 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 and household goods as defined by the Commission), between points in Massachusetts. NOTE: Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Hartford, Conn., Boston, Mass., or Albany, N.Y.

No. MC 104430 (Sub-No. 36), filed January 22, 1973. Applicant: CAPITAL TRANSPORT COMPANY, INC., Post Office Box 408, Highway 24 West, McComb, MS 39648. Applicant's representative: Donald B. Morrison, 717 Deposit Guaranty Bank Building, Jackson, Miss. 39205. Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: *Petroleum and petroleum products* (except liquefied petroleum gases) in bulk, in tank vehicles, from Chalmette, La., to points in Mississippi. NOTE: Applicant states that minor tacking possibilities exist with its existing authority, however it has no present intention to tack and therefore does not identify the points or territories which could be served through such tacking. Persons interested in the tacking possibilities are cautioned that failure to oppose the application may result in an unrestricted grant of authority. If a hearing is deemed necessary, applicant requests it be held at Jackson, Miss., or Memphis, Tenn.

No. MC 106674 (Sub-No. 105), filed January 15, 1973. Applicant: SCHILLI MOTOR LINES, INC., Post Office Box 122, Delphi, IN 46923. Applicant's representative: Edward G. Bazelon, 39 South La Salle Street, Chicago, IL

60603. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Building and roofing materials, insulating materials, fire brick and pipe and pipe fittings*, from Rockdale and Waukegan, Ill., to points in Indiana on and south of U.S. Highway 30; points in Ohio bounded by a line beginning at the Ohio-Indiana State line and extending along U.S. Highway 30 to junction U.S. 30-N, thence along U.S. Highway 30-N to junction U.S. Highway 23, thence along U.S. Highway 23 to junction U.S. Highway 50, thence along U.S. Highway 50 to the Ohio-West Virginia State line near Parkersburg, W. Va., thence along the Ohio River to the Ohio-Indiana State line to point of beginning, including points on the indicated portions of the highways specified, and points in Kentucky, Missouri, and Tennessee. **NOTE:** Applicant states that the requested authority cannot or will not be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 106674 (Sub-No. 106), filed January 22, 1973. Applicant: SCHILLI MOTOR LINES, INC., Post Office Box 122, Delphi, IN 46923. Applicant's representative: Allan C. Zuckerman, 39 South La Salle Street, Chicago, IL 60603. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Canned goods*, from Trafalgar, Ind. to points in Illinois, Ohio, West Virginia, Michigan, Kentucky, Tennessee, and Missouri. **NOTE:** Applicant states that the requested authority cannot or will not be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 106920 (Sub-No. 46), filed January 31, 1973. Applicant: RIGGS FOOD EXPRESS, INC., Post Office Box 26, West Monroe Street, New Bremen, OH 45869. Applicant's representative: Carroll V. Lewis, Post Office Box 717, Sidney, OH 45365. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Frozen foods*, from Wellston, Ohio, to points in Alabama, Florida, Georgia, North Carolina, South Carolina, Tennessee, Maine, New Hampshire, Massachusetts, Connecticut, Rhode Island, New York, New Jersey, Maryland, Delaware, Virginia, West Virginia, Vermont, Pennsylvania, Indiana, Illinois, Michigan, Missouri, Wisconsin, Minnesota, Iowa, and the District of Columbia, and points in the counties of Wyandotte, Johnson, and Leavenworth, Kans. **NOTE:** Common control may be involved. Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Memphis, Tenn., or Washington, D.C.

No. MC 107002 (Sub-No. 430), filed January 12, 1973. Applicant: MILLER TRANSPORTERS, INC., Post Office Box 1123, U.S. Highway 80 West, Jackson, MS 39205. Applicant's representative:

John J. Borth, Post Office Box 8573, Jackson, MS 39204. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Petroleum and petroleum products*, except liquefied petroleum gases, in bulk, in tank vehicles, from Chalmette and Meraux, La., to points in Mississippi. **NOTE:** Applicant states that the requested authority can be tacked with its existing authority but indicates that it has no present intention to tack and therefore does not identify the points or territories which can be served through tacking. Persons interested in the tacking possibilities are cautioned that failure to oppose the application may result in an unrestricted grant of authority. If a hearing is deemed necessary, applicant requests it be held at Jackson, Miss., or New Orleans, La.

No. MC 107496 (Sub-No. 872), filed December 4, 1972. Applicant: RUAN TRANSPORT CORPORATION, Third and Keosauqua Way, Des Moines, Iowa 50309. Applicant's representative: Henry L. Fabritz (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Paint and paint products*, in bulk, from Fort Madison, Iowa, to points in Alabama, Louisiana, and Texas; (2) *flour*, from Minneapolis-St. Paul, and Hastings, Minn., to points in Ohio; (3) *feed ingredients and fertilizer ingredients, dry and agricultural limestone*, between Roberts, Wis., and points in Iowa, Minnesota, North Dakota, and South Dakota; (4) *liquid feed and liquid feed supplements*, in bulk, from Nappanee, Ind., to points in Ohio and Kentucky; and (5) *nitric acid*, from Pine Bend, Minn., to points in the Upper Peninsula of Michigan. **NOTE:** Common control may be involved. Applicant states that the requested authority can be tacked with its existing authority but indicates that it has no present intention to tack and therefore does not identify the points or territories which can be served through tacking. Persons interested in the tacking possibilities are cautioned that failure to oppose the application may result in an unrestricted grant of authority. If a hearing is deemed necessary, applicant requests it be held at Minneapolis, Minn., or Chicago, Ill.

No. MC 107496 (Sub-No. 873), filed December 7, 1972. Applicant: RUAN TRANSPORT CORPORATION, Third and Keosauqua Way, Des Moines, Iowa 50309. Applicant's representative: Henry L. Fabritz, Post Office Box 855, Des Moines, IA 50309. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Chemicals*, in bulk, from points in the Kansas City, Kans.-Mo. commercial zone to points in Alabama, Arkansas, Colorado, Illinois, Iowa, Kansas, Louisiana, Minnesota, Missouri, Montana, Michigan, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, Wisconsin, Wyoming, Kentucky, Ohio, and Indiana. **NOTE:** Common control may be involved. Applicant states

that the requested authority can be tacked with its existing authority but indicates that it has no present intention to tack and therefore does not identify the points or territories which can be served through tacking. Persons interested in the tacking possibilities are cautioned that failure to oppose the application may result in an unrestricted grant of authority. If a hearing is deemed necessary, applicant requests it be held at Kansas City, Mo., or Chicago, Ill.

No. MC 107496 (Sub-No. 874), filed December 8, 1972. Applicant: RUAN TRANSPORT CORPORATION, Third and Keosauqua Way, Des Moines, Iowa 50309. Applicant's representative: Henry L. Fabritz, Post Office Box 855, Des Moines, IA 50304. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Petroleum products*, in bulk, from the terminal facilities of Jebro, Inc., at or near Sioux City, Iowa, to points in Nebraska, South Dakota, and Minnesota. **NOTE:** Common control may be involved. Applicant states that the requested authority can be tacked with its existing authority but indicates that it has no present intention to tack and therefore does not identify the points or territories which can be served through tacking. Persons interested in the tacking possibilities are cautioned that failure to oppose the application may result in an unrestricted grant of authority. If a hearing is deemed necessary, applicant requests it be held at Kansas City, Kans., or Chicago, Ill.

No. MC 107496 (Sub-No. 876), filed December 27, 1972. Applicant: RUAN TRANSPORT CORPORATION, Third and Keosauqua Way, Des Moines, Iowa 50309. Applicant's representative: Henry L. Fabritz, Post Office Box 855, Des Moines, IA 50304. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Printing ink*, in bulk, from Kansas City, Mo., to points in Arkansas, Colorado, Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, Oklahoma, South Dakota, Wisconsin, and Wyoming. **NOTE:** Common control may be involved. Applicant states that the requested authority duplicates the authority it presently holds in No. MC-107496 (Sub-No. 110) to transport petroleum products to Iowa and Nebraska, and by tacking, to most of the other named destination States. Applicant further states that the requested authority can be tacked with its existing authority but indicates that it has no present intention to tack and therefore does not identify the points or territories which can be served through tacking. Persons interested in the tacking possibilities are cautioned that failure to oppose the application may result in an unrestricted grant of authority. If a hearing is deemed necessary, applicant requests it be held at Kansas City, Mo., or Chicago, Ill.

No. MC 107544 (Sub-No. 110), filed January 9, 1973. Applicant: LEMMON

TRANSPORT COMPANY, INCORPORATED, Post Office Box 580, Marion, VA 24354. Applicant's representative: Harry C. Ames, Jr., 666 11th Street NW., Washington, DC 20001. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Fuel oils*, in bulk, from Baltimore, Md., to points in Spotsylvania and Warren Counties, Va. NOTE: Applicant holds contract carrier authority under MC 113959 and Sub 2, therefore, dual operations may be involved. If a hearing is deemed necessary, applicant requests it be held at Washington, D.C., or Roanoke, Va.

No. MC 108393 (Sub-No. 65), filed January 12, 1973. Applicant: SIGNAL DELIVERY SERVICE, INC., 930 North York Road, Hinsdale, IL 60521. Applicant's representative: J. A. Kundtz, 1100 National City Bank Building, Cleveland, Ohio 44114. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Parts of electrical and gas appliances, and equipment, materials and supplies* used in the manufacture, distribution and repair of electrical and gas appliances, between Allegan, Berrien Springs, Charlotte, Dowagiac, Grand Haven, Hartford, Muskegon, South Haven, and Sturgis, Mich., on the one hand, and, on the other, Findlay, Ohio, under a continuing contract or contracts with Whirlpool Corp. NOTE: Common control and dual operations may be involved. If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 108393 (Sub-No. 66), filed January 12, 1973. Applicant: SIGNAL DELIVERY SERVICE, INC., 930 North York Road, Hinsdale, IL 60521. Applicant's representative: J. A. Kundtz, 1100 National City Bank Building, Cleveland, Ohio 44114. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Parts of electrical and gas appliances, and equipment, materials, and supplies* used in the manufacture, distribution and repair of electrical and gas appliances, between Columbus, Ind.; North Branch, Mich.; and Conneaut, Ohio, on the one hand, and, on the other, Danville, Ky., under a continuing contract or contracts with Whirlpool Corp. NOTE: Common control and dual operations may be involved. If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 108393 (Sub-No. 67), filed January 12, 1973. Applicant: SIGNAL DELIVERY SERVICE, INC., 930 North York Road, Hinsdale, IL 60521. Applicant's representative: J. A. Kundtz, 1100 National City Bank Building, Cleveland, Ohio 44114. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Parts of electric and gas appliances, and equipment, materials and supplies* used in the manufacture, distribution, and repair of electric and gas appliances, between Holland and Midland, Mich., Peru, Ill., and Harbor Creek, Pa., on the one hand, and,

on the other, Evansville, Ind., under continuing contract or contracts with Whirlpool Corp. NOTE: Dual operations and common control may be involved. If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 110525 (Sub-No. 1047), filed November 29, 1972. Applicant: CHEMICAL LEAMAN TANK LINES, INC., 520 East Lancaster Avenue, Downingtown, PA 19335. Applicant's representatives: Thomas J. O'Brien (same address as applicant), and Leonard A. Jaskiewicz, 1730 M Street, Suite 501, Washington, DC 20036. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Corn products and blends thereof*, in bulk, from Dayton, Ohio, to points in Alabama, Connecticut, Delaware, Florida, Georgia, Illinois, Indiana, Kentucky, Maine, Maryland, Massachusetts, Michigan, Mississippi, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Vermont, Virginia, West Virginia, Wisconsin, and the District of Columbia. NOTE: Applicant states that the requested authority can be tacked with its existing authority but indicates that it has no present intention to tack and therefore does not identify the points or territories which can be served through tacking. Persons interested in the tacking possibilities are cautioned that failure to oppose the application may result in an unrestricted grant of authority. If a hearing is deemed necessary, applicant requests it be held at Columbus, Ohio, or Washington, D.C.

No. MC 111729 (Sub-No. 373), filed January 30, 1973. Applicant: PUROLATOR COURIER CORP., 2 Nevada Drive, Lake Success, NY 11040. Applicant's representatives: John M. Delany (same address as applicant) and Russell S. Bernhard, 1625 K Street NW., Washington, DC 20006. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Business papers, records, audit and accounting media of all kinds*, between Westwood, Mass., on the one hand, and, on the other, Derry and Nashua, N.H., and points in Connecticut, Maine, New Jersey, and New York; (2) *external and implantable cardiac pacemakers and related accessories; and business papers, records, audit and an accounting media of all kinds, and advertising material moving therewith*, between Detroit, Mich., on the one hand, and, on the other, points in Indiana and Ohio; (3) *automotive parts and supplies*, restricted against the transportation of packages weighing in the aggregate more than 100 pounds from one consignor to one consignee, on any 1 day; and *business papers, records and audit and accounting material moving therewith*, between Detroit and Plymouth, Mich., on the one hand, and, on the other, points in Indiana and Ohio; and (4) *unprocessed specimens of drugs, pharmaceuticals, blood and other items related to the drug industry and business reports and docu-*

ments, between Cincinnati, Ohio, on the one hand, and, on the other, points in Indiana. NOTE: Applicant presently holds a motor contract carrier permit in No. MC-112750 and subs thereunder and dual operations were approved by the Commission in 102 M.C.C. 411. Common control may be involved. Applicant states that the requested authority can be tacked with its existing authority but indicates that it has no present intention to tack and therefore does not identify the points or territories which can be served through tacking. Persons interested in the tacking possibilities are cautioned that failure to oppose the application may result in an unrestricted grant of authority. If a hearing is deemed necessary, applicant requests it be held at Washington, D.C., or Detroit, Mich.

No. MC 112617 (Sub-No. 305), filed January 8, 1973. Applicant: LIQUID TRANSPORTERS, INC., 1292 Fern Valley Road, Post Office Box 21395, Louisville, KY 40221. Applicant's representative: L. A. Jaskiewicz, 1730 M Street NW., Suite 501, Washington, DC 20036. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Liquefied petroleum gases*, from the plantsite of Columbia Hydrocarbon Corp. at or near Siloam, Ky., to points in Virginia. NOTE: Common control may be involved. Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Louisville, Ky., or Washington, D.C.

No. MC 113495 (Sub-No. 56), filed January 24, 1973. Applicant: GREGORY HEAVY HAULERS, INC., 51 Oldham Street, Post Office Box 60628, Nashville, TN 37206. Applicant's representative: Wilmer B. Hill, 805 McLachlen Bank Building, 666 11th Street NW., Washington, DC 20001. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Commodities* which because of size or weight require the use of special equipment; (2) *road construction machinery and equipment*, as described in Appendix VIII to the report in *Descriptions in Motor Carrier Certificates*, 61 M.C.C. 209; (3) *self-propelled articles* (except automobiles, trucks, and buses, as described in *Descriptions in Motor Carrier Certificates*, 61 M.C.C. 209); and (4) *parts, attachments and accessories* for the commodities named in (1), (2), and (3) above, between points in Wisconsin, on the one hand, and, on the other, points in Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia. NOTE: Applicant states that the requested authority could be tacked with its Sub 34 in Kentucky to reach points in southern Indiana, southern Illinois, and southern Missouri, but it has no present intention to tack. If a hearing is deemed necessary, applicant requests it be held at either (1) Chicago, Ill.; (2) Milwaukee, Wis.; or (3) Washington, D.C.

No. MC 113855 (Sub-No. 269), filed December 5, 1972. Applicant: INTERNATIONAL TRANSPORT, INC., 2450 Marion Road SE., Rochester, MN 55901. Applicant's representative: Alan Foss, 502 First National Bank Building, Fargo, N. Dak. 58102. Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: (1) *Commodities which because of size or weight require the use of special equipment, and related machinery parts and related contractors' materials and supplies*, when their transportation is incidental to the transportation of commodities which because of size or weight require the use of special equipment, and *commodities which do not require the use of special equipment* when moving on the same shipment or on the same bill of lading as commodities which because of size or weight require the use of special equipment; and (2) *Self-propelled articles*, each weighing 15,000 pounds or more, and *related machinery, tools, parts, and supplies* moving in connection therewith, restricted to commodities which are transported on trailers, between points in Virginia, Delaware, Maryland, and North Carolina, on the one hand, and, on the other, points in Iowa, Wisconsin, and Illinois. Note: Applicant presently holds authority to transport machinery between some of the points sought herein, therefore duplicating authority may be involved. Applicant states that the requested authority can be tacked with its authority in No. MC-113855 (Sub-Nos. 84, 147, and 217) to provide service to and from various western States. If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill., or Washington, D.C.

No. MC 114211 (Sub-No. 189), filed January 22, 1973. Applicant: WARREN TRANSPORT, INC., 324 Manhard Street, Post Office Box 420, Waterloo, IA 50704. Applicant's representative: Daniel Sullivan, 327 South La Salle, Chicago, IL 60604. Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: (A) *Agricultural implements, pumps, water systems, component parts for water systems, tanks, and towers, and parts for agricultural implements and pumps*, between Beatrice, Nebr., Springfield, Mo., Morton, Ill., and Amarillo, Tex., on the one hand, and, on the other, points in the United States (except Alaska and Hawaii); (B) *equipment, materials and supplies* used in the manufacture or distribution of the above named commodities (except commodities in bulk), from points in the United States (except Alaska and Hawaii), to Beatrice, Nebr., Springfield, Mo., Morton, Ill., and Amarillo, Tex.; and (C) *experimental and show display agricultural implements, pumps, water systems, component parts for water systems, tanks and towers, and parts for agricultural implements and pumps*, between points in the United States (except Alaska and Hawaii). Note: Applicant states that the requested authority can be tacked with its existing authority but indicates that it has no present intentions to tack and

therefore does not identify the points or territories which can be served through tacking. Persons interested in the tacking possibilities are cautioned that failure to oppose the application may result in an unrestricted grant of authority. Applicant further states no duplicating authority sought. If a hearing is deemed necessary, applicant requests it be held at Omaha, Nebr., or Kansas City, Mo.

No. MC 114533 (Sub-No. 272), filed January 19, 1973. Applicant: BANKERS DISPATCH CORPORATION, 4970 South Archer Avenue, Chicago, IL 60632. Applicant's representative: Arnold Burke, Suite 1133, 127 North Dearborn, Chicago, IL 60604. Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: *Audit media and other business records*, between Indianapolis, Ind., and Paris, Ill. Note: Applicant holds contract carrier authority under MC 128616 and Subs thereto, therefore dual operations may be involved. Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held in Indianapolis, Ind., or Chicago, Ill.

No. MC 114569 (Sub-No. 105), filed January 15, 1973. Applicant: SHAFER TRUCKING, INC., Post Office Box 418, New Kingstown, PA 17072. Applicant's representative: James W. Hager, Post Office Box 1166, 100 Pine Street, Harrisburg, PA 17108. Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: *Paper, paper products, and wood pulp*, from Calhoun, Tenn., to points in Connecticut, Delaware, Maryland, Massachusetts, New Jersey, New York, Pennsylvania, Rhode Island, Virginia, West Virginia, and the District of Columbia. Note: Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 114897 (Sub-No. 105), filed January 12, 1973. Applicant: WHITFIELD TANK LINES, INC., 300-316 North Clark, Post Office Drawer 9897, El Paso, TX 79989. Applicant's representative: J. P. Rose (same address as applicant). Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: *Titanium solutions*, in bulk, in tank vehicles, from Henderson, Nev., to points in Louisiana. Note: Common control may be involved. Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Las Vegas, Nev., or El Paso, Tex.

No. MC 115093 (Sub-No. 10), filed January 12, 1973. Applicant: MERCURY MOTOR EXPRESS, INC., 704 West Kennedy Boulevard, Tampa, FL 33606. Applicant's representatives: Clayton R. Byrd (same address as applicant) and James E. Wharton, 17th Floor, CNA

Building, Post Office Box 231, Orlando, FL 32802. 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), (1) between Wilson and Fayetteville, N.C.; From Wilson over U.S. Highway 301 to junction U.S. Highway 70, thence over U.S. Highway 301 to junction U.S. Highway 13, thence over U.S. Highway 13 to Fayetteville, and return over the same route; (2) between Greensboro and Rockingham, N.C.; From Greensboro over U.S. Highway 220 to junction U.S. Highway 1 at Rockingham, and return over the same route; (3) between Petersburg, Va. and Florence, S.C.; From Petersburg over U.S. Highway 1 to junction U.S. Highway 70 at Raleigh, N.C., thence over U.S. Highway 1 to junction U.S. Highway 220 at Rockingham, N.C., thence over U.S. Highway 1 to junction South Carolina Highway 9 at Cheraw, S.C., thence over U.S. Highway 52 to junction U.S. Highway 15 at Society Hill, S.C., thence over U.S. Highway 52 to Florence, and return over the same route;

(4) Between Raleigh and Fayetteville, N.C.; From Raleigh over U.S. Highway 401 to Fayetteville, and return over the same route; (5) between Fayetteville, N.C. and Bradenton, Fla.; Serving Florence, S.C. for purposes of joinder only; and (6) between Bennettsville, S.C. and Columbus, Ga.; Serving Cheraw, S.C. for purposes of joinder only; and serving in (1), (2), (3), and (4) above no intermediate or off-route points except, as pertinent, those points in Virginia presently authorized in carriers regular-route operations. Restriction: Restricted to the transportation of traffic moving (a) between points in Connecticut, New Jersey, Pennsylvania, Delaware, Maryland, Virginia, the District of Columbia, and those in that part of New York on and south of New York Highway 7, on the one hand, and, on the other, points in Georgia and Florida, and (b) through Mount Olive, N.C., and points within 15 miles thereof or those in Florence County, S.C. The requests for authority above are for alternative routes or additional service points for operating convenience only in connection with applicant's presently authorized regular-route operations in No. MC-115093. Note: Applicant states the purpose of this application is to obtain an alternate gateway and certain regular routes for purposes of joinder only. If a hearing is deemed necessary, applicant requests it be held at Tampa or Jacksonville, Fla.

No. MC 115331 (Sub-No. 339), filed January 15, 1973. Applicant: TRUCK TRANSPORT, INCORPORATED, 1931 North Geyer Road, St. Louis, MO 63131. Applicant's representative: J. R. Ferris, 230 St. Clair Avenue, East St. Louis, IL 62201. Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: *Calcium*

chloride (except in bulk), from Ludington and Midland, Mich., to points in Missouri, Iowa, Minnesota, Wisconsin, Illinois, Indiana, Tennessee, and Kentucky. **NOTE:** Common control may be involved. Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 115840 (Sub-No. 85), filed December 15, 1972. Applicant: COLONIAL FAST FREIGHT LINES, INC., 1215 Bankhead Highway, Post Office Box 10327, Birmingham, AL 35202. Applicant's representative: C. E. Wesley (same address as applicant). 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 and automobile as defined by the commodities in bulk), between points in De Kalb County, Ala., on the one hand, and, on the other, points in the United States (excluding Alaska and Hawaii). Restriction: Restricted to traffic originating at and destined to the points indicated. **NOTE:** Common control may be involved. If a hearing is deemed necessary, applicant requests it be held at Chattanooga; Nashville, Tenn., or Birmingham, Ala.

No. MC 115841 (Sub-No. 449), filed January 22, 1973. Applicant: COLONIAL REFRIGERATED TRANSPORTATION, INC., 1215 Bankhead Highway West, Birmingham, AL 35204. Applicant's representative: Roger M. Shaner, Post Office Box 168, Concord, TN 37720. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products, meat by-products, and articles distributed by meat packinghouses*, from Sioux City, Iowa and Omaha, Nebr., to points in Florida, Georgia, North Carolina, South Carolina, and Tennessee (restricted to traffic originating at plant-sites of supporting shipper—Needham Packing Co., Inc.). **NOTE:** Applicant states that the requested authority could be tacked with its present authority in its Subs 71, 74, 77, 146, 188, 195, 213, 220, 223, and 265, but does not indicate the points or territories which could be served by such tacking. Persons are cautioned that failure to oppose the application may result in an unrestricted grant of authority. If a hearing is deemed necessary, applicant requests it be held at Omaha, Nebr., Sioux City, Iowa, or Des Moines, Iowa.

No. MC 116073 (Sub-No. 249), filed January 31, 1973. Applicant: BARRETT MOBILE HOME TRANSPORT, INC., 1825 Main Avenue, Post Office Box 919, Moorhead, MN 56560. Applicant's representative: Robert G. Tassar, 1819 Fourth Avenue South, Moorhead, MN 56560. 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, and buildings in sections mounted on wheeled undercar-

riages, from points in Robeson County, N.C., to points in South Carolina, Virginia, West Virginia, Kentucky, and Tennessee. **NOTE:** Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Raleigh, N.C.

No. MC 116763 (Sub-No. 237), filed January 10, 1973. Applicant: CARL SUBLER TRUCKING, INC., North West Street, Versailles, Ohio 45380. Applicant's representative: H. M. Richters (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Such commodities* as are manufactured, processed, or dealt in by Rubber Manufacturers, from Oklahoma City, Okla., to points in Alabama, Georgia, Mississippi, North Carolina, South Carolina, and Tennessee. **NOTE:** Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Columbus, Ohio.

No. MC 117013 (Sub-No. 2), filed January 1, 1973. Applicant: THOMAS G. BURKHOLDER, 1630 Maine Street, Altoona, PA 16602. Applicant's representative: Henry M. Wick, Jr., 2310 Grant Building, Pittsburgh, Pa. 15219. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: (1) *Paper patterns, related fashion publications, fabrics, buttons, zippers, threads, and other articles* used in the home sewing market between the facilities of the Butterick Fashion Marketing Co., a division of American Can Co., at Altoona, Pa., on the one hand, and, on the other, ports of entry located on the international boundary line between the United States and Canada located in New York; (2) *fashion publications* from points in Maryland, Connecticut, and Indiana to the facilities of the Butterick Fashion Marketing Co., a division of American Can Co., at Altoona, Pa., and to ports of entry located on the international boundary line between the United States and Canada located in New York; (3) *materials, equipment, and supplies* used in the production, sale, or distribution of *paper patterns, related fashion publications, fabrics, buttons, zippers, threads, and other articles* used in the home sewing market from points in New York to the facilities of the Butterick Fashion Marketing Co., a division of American Can Co., at Altoona, Pa., under continuing contracts with the Butterick Fashion Marketing Co., a division of American Can Co., and Butterick Canada, Ltd.; and (4) *toys* from the facilities of James Industries, Inc., at or near Hollidaysburg, Pa., to ports of entry located on the international boundary line between the United States and Canada located in New York; under continuing contracts with James Industries, Inc. **NOTE:** If a hearing is deemed necessary, applicant requests it be held at Pittsburgh, Pa., or Washington, D.C.

No. MC 117644 (Sub-No. 32), filed January 16, 1973. Applicant: D & T TRUCKING CO., INC., Post Office Box 2611, New Brighton, MN 55112. Applicant's representative: William J. Boyd, 29 South La Salle Street, Chicago, IL 60603. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Dairy products*, from Chicago, Ill., and points in Minnesota and Wisconsin, to points in Ohio and Kentucky, under contract with Land O'Lakes, Inc. **NOTE:** If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill., or Washington, D.C.

No. MC 118831 (Sub-No. 93), filed January 9, 1973. Applicant: CENTRAL TRANSPORT, INCORPORATED, Post Office Box 5044, High Point, NC 27262. Applicant's representative: E. Stephen Heisley, 805 McLachlen Bank Building, 666 11th Street NW., Washington, DC 20001. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Commodities*, in bulk, from the sites of Bulk Distribution Centers, Inc., in Mecklenburg and Union Counties, N.C., to points in Alabama, Florida, Georgia, Kentucky, North Carolina, Ohio, South Carolina, Tennessee, Virginia, and West Virginia, restricted to shipments having a prior movement by rail. **NOTE:** Common control may be involved. Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 118989 (Sub-No. 90), filed February 1, 1973. Applicant: CONTAINER TRANSIT, INC., 5223 South Ninth Street, Milwaukee, WI 53221. Applicant's representative: Albert A. Andrin, 29 South La Salle Street, Chicago, IL 60603. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *containers*, metal or plastic, and *parts related thereto*, from points in Milwaukee, Dane, Waukesha, Jefferson, Washington, Dodge, and Racine Counties, Wis., those in St. Louis, Warren, Franklin, Jefferson, and St. Charles Counties, Mo., and those in Cook, Lake, Du Page, Will, and Kane Counties, Ill., to points in Texas, Colorado, Indiana, Kansas, Nebraska, Michigan, Minnesota, Ohio, Tennessee, Kentucky, Pennsylvania, Illinois, Iowa, Missouri, and Wisconsin. **NOTE:** Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill., or Milwaukee, Wis.

No. MC 119302 (Sub-No. 19), filed January 23, 1973. Applicant: MILLER TRANSFER AND RIGGING CO., a corporation, 3917 State Route 183, Edinburg, OH 58227, or Post Office Box 6077, mailing address, Akron, OH 44312. Applicant's representative: A. David Millner, 744 Broad Street, Newark, NJ 07102. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Electric tools, lawn*

and garden equipment, and component parts, between the Black & Decker Manufacturing Co. plants at Tarboro and Fayetteville, N.C., Hampstead, Md., and ports of entry on the international boundary line between the United States and Canada, located at or near Ogdensburg and Wellesley Islands, N.Y. Restriction: The operations under the foregoing authority are to be limited to a transportation service to be performed under a continuing contract or contracts with Black & Decker Manufacturing Co., Towson, Md. **NOTE:** Applicant holds common carrier authority under MC 87103, therefore dual operations may be involved. If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 119441 (Sub-No. 32), filed January 31, 1973. Applicant: BAKER HI-WAY EXPRESS, INC., Box 484, Dover, OH 44622. Applicant's representative: Richard H. Brandon, 79 East State Street, Columbus, OH 43215. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Clay building brick and tile*, from Columbus, Ohio, to points in Pennsylvania, Delaware, Maryland, New York, New Jersey, Virginia, and the District of Columbia and (2) *Materials and supplies* used in the manufacture of clay building brick and tile (except bulk commodities) from the above-named destinations to Columbus, Ohio. **NOTE:** Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Columbus, Ohio.

No. MC 119493 (Sub-No. 98), filed January 11, 1973. Applicant: MONKEM COMPANY, INC., West 20th Street Road, Post Office Box 1196, Joplin, MO 64801. Applicant's representative: Ray F. Kempt (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Canned goods and animal feed*, from the plantsites and/or warehouses of Allen Canning Co., located at or near Van Buren and Alma, Ark., to points in Arkansas, Iowa, Illinois, Louisiana, Mississippi, Missouri, Kansas, Nebraska, Oklahoma, North Dakota, South Dakota, Tennessee, and Texas. **NOTE:** Applicant states that the requested authority cannot be tacked with its existing authority. No duplicating authority sought. If a hearing is deemed necessary, applicant requests it be held at Little Rock, Ark.

No. MC 119493 (Sub-No. 99), filed January 15, 1973. Applicant: MONKEM COMPANY, INC., West 20th Street Road, Post Office Box 1196, Joplin, MO 64801. Applicant's representative: Ray F. Kempt (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Agricultural chemicals*, in containers, from Military, Kans., to points in Illinois, Indiana, Iowa, Michigan, Minnesota, Nebraska, and Wisconsin. **NOTE:** Applicant states that

the requested authority cannot be tacked with its existing authority. No duplicating authority sought. If a hearing is deemed necessary, applicant requests it be held at Houston, Tex.

No. MC 119547 (Sub-No. 34), filed January 15, 1973. Applicant: EDGAR W. LONG, INC., Route 4, Zanesville, Ohio 43215. Applicant's representative: Richard H. Brandon, 79 East State Street, Columbus, OH 43215. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Canned dog food*, from Corwin, Ohio, to points in Alabama, Delaware, Georgia, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, New Jersey, North Carolina, Pennsylvania, South Carolina, Tennessee, Virginia, Wisconsin, and West Virginia, restricted to traffic originating at the plantsite of The Thorobred Co., Inc., Corwin, Ohio. **NOTE:** Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Columbus, Ohio.

No. MC 119656 (Sub-No. 13), filed January 18, 1973. Applicant: NORTH EXPRESS, INC., 219 East Main Street, Winamac, IN 46996. Applicant's representative: Donald W. Smith, 900 Circle Tower, Indianapolis, Ind. 46204. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Iron and steel articles, and steel springs* (1) from Winamac, Ind., to points in Minnesota, Kentucky, Pennsylvania, Missouri, Iowa, Tennessee, Alabama, Georgia, Oklahoma, Kansas, North Dakota, Texas, and Wisconsin; (2) from Reynolds, Ind., to points in Minnesota, Kentucky, Pennsylvania, Missouri, Iowa, Tennessee, Alabama, Georgia, Oklahoma, Kansas, North Dakota, Texas, Wisconsin, Ohio, New York, New Jersey, Illinois, and the Lower Peninsula of Michigan; and (3) *Materials and supplies* used in the manufacture of iron and steel articles, and springs, from points in New York to Winamac and Reynolds, Ind. **NOTE:** Common control may be involved. The requested authority duplicates, in part, that authority which applicant holds in No. MC-119656 to transport finished and semifinished motor vehicle springs and plow and cultivator parts (other than hand), from Winamac, Ind., to Horicon and La Crosse, Wis. Applicant states that the requested authority cannot or will not be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Indianapolis, Ind., or Chicago, Ill.

No. MC 119777 (Sub-No. 249), filed January 11, 1973. Applicant: LIGON SPECIALIZED HAULER, INC., Post Office Box L, Madisonville, KY 42431. Applicant's representative: Ronald E. Butler (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Supplies and equipment* used in the poultry, egg, and livestock industries, from Athens, Ga.,

to points in the United States (except Alaska and Hawaii). **NOTE:** Applicant holds contract carrier authority under MC 126970 and subs, therefore dual operations and common control may be involved. Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Atlanta, Ga., or Indianapolis, Ind.

No. MC 119789 (Sub-No. 139) (Correction), filed December 29, 1972, published FR issue of February 8, 1973, and republished as corrected this issue. Applicant: CARAVAN REFRIGERATED CARGO, INC., Post Office Box 6188, 1612 East Irving Boulevard, Dallas, TX 75222. Applicant's representative: James K. Newbold, Jr., Post Office Box 6188, Dallas, TX 75222. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Canned and bottled foodstuffs*, (1) from Hoopeston and Princeville, Ill., to points in Kansas and Missouri; (2) from St. Francisville, La., to points in Illinois; and (3) from St. Francisville and Belledeau, La., to points in Arkansas, Oklahoma, Missouri, Kansas, Colorado, Utah, Iowa, Nebraska, Wyoming, Minnesota, North Dakota, South Dakota, Montana, and Washington. **NOTE:** The purpose of this republication is to add the origin point of Belledeau, La., to Item (3) above which was inadvertently omitted from previous publication. Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Columbus, Ohio, or Dallas, Tex.

No. MC 119789 (Sub-No. 144), filed December 11, 1972. Applicant: CARAVAN REFRIGERATED CARGO, INC., Post Office Box 6188, 1612 East Irving Boulevard, Dallas, TX 75222. Applicant's representative: James K. Newbold, Jr. (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Playground apparatus, recreational equipment, and sporting goods*, from Bossier City, La., to points in Arizona, California, Colorado, Idaho, Montana, Nevada, Oregon, Utah, Washington, and Wyoming. **NOTE:** Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Shreveport, La., or Dallas, Tex.

No. MC 119789 (Sub-No. 145), filed December 10, 1972. Applicant: CARAVAN REFRIGERATED CARGO, INC., Post Office Box 6188, 1612 East Irving Boulevard, Dallas, TX 75222. Applicant's representative: James K. Newbold, Jr. (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Adhesives and liquid synthetic plastics*, from Columbus, Ohio, to Arkansas, California, and Texas; and (2) *materials and supplies* used in the manufacture of adhesives and liquid

synthetic plastics, from Arkansas, California, and Texas to Columbus, Ohio. **NOTE:** Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Columbus, Ohio, or Dallas, Tex.

No. MC 119789 (Sub-No. 146), filed January 22, 1973. Applicant: CARAVAN REFRIGERATED CARGO, INC., Post Office Box 8188, 1612 East Irving Boulevard, Dallas, TX 75222. Applicant's representative: James K. Newbold, Jr. (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Foodstuffs*, in containers from Wilson, N.C., to points in Alabama, Florida, Georgia, Illinois, Indiana, Kentucky, Louisiana, Michigan, Mississippi, Missouri, Ohio, and Tennessee. **NOTE:** Applicant states that the requested authority can be tacked with its present authority in its Sub 13 at Cade or Lozes, La., to provide through service to points in Arizona, California, Idaho, New Mexico, Nevada, Oregon, Texas, Utah, and Washington. If a hearing is deemed necessary, applicant requests it be held at Lafayette, La., or Dallas, Tex.

No. MC 119903 (Sub-No. 10), filed January 12, 1973. Applicant: D. J. WALRAVEN, Post Office Box 1045, Rome, GA 30161. Applicant's representative: Archie B. Culbreth, Suite 246, 1252 West Peachtree Street NW., Atlanta, GA 30309. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular-regular routes, transporting: *Aluminum extrusions, aluminum doors and windows, scrap aluminum, paint and chemicals* (except in bulk); Irregular route: (1) Between the plantsite of V. E. Anderson Manufacturing Co., at Rome, Ga., on the one hand, and, on the other, points in Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia; Regular route: (2) From the plantsite of V. E. Anderson Manufacturing Co., at Bradenton, Fla., to the plantsite of V. E. Anderson Manufacturing at Rome, Ga., over Interstate 75 and/or U.S. Highway 41 and 411, serving the intermediate or off-route points of Butler, Chamblee, Cordale, Macon, Moultrie, and Valdosta, Ga. (1) and OP-C-6 (2) above are under contract with V. E. Anderson Manufacturing Co. restricted to movement thereunder to be in shippers own trailers. **NOTE:** If a hearing is deemed necessary, applicant requests it be held at Atlanta, Ga.

No. MC 123407 (Sub-No. 116), filed January 18, 1973. Applicant: SAWYER TRANSPORT, INC., U.S. Highway 6, South Haven Square, Valparaiso, Ind. 46383. Applicant's representative: Robert W. Sawyer (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Windows, screens, doors, building wood-work and materials and accessories* used

in the installation thereof, from Bayport, Minn., to points in the United States in and east of Montana, Wyoming, Colorado, and New Mexico and (2) *materials* used in the manufacture and distribution of the above described commodities (except commodities in bulk, in tank vehicles), from the above described destination territory to Bayport, Minn. **NOTE:** Common control may be involved. Applicant states that the requested authority can be tacked with its existing authority but indicates that it has no present intention to tack and therefore does not identify the points or territories which can be served through tacking. Persons interested in the tacking possibilities are cautioned that failure to oppose the application may result in an unrestricted grant of authority. If a hearing is deemed necessary, applicant requests it be held at Minneapolis, Minn., or Washington, D.C.

No. MC 123407 (Sub-No. 118), filed February 2, 1973. Applicant: SAWYER TRANSPORT, INC., South Haven Square, U.S. Highway 6, Valparaiso, Ind. 46383. Applicant's representative: Robert W. Sawyer (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Building, roofing and insulation materials* (except iron and steel commodities in bulk) and *materials* used in the manufacture, installation and distribution thereof, between the plantsites and warehouse facilities of Certain-Teed Products Corp., in Scott County, Minn., on the one hand, and, on the other hand, points in Colorado, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Missouri, Montana, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin, and Wyoming, restricted to traffic originating at or destined to the plantsites and warehouse facilities of Certain-Teed Products Corp., in Scott County, Minn. **NOTE:** Common control may be involved. If a hearing is deemed necessary, applicant requests it be held at Minneapolis, Minn., or Washington, D.C.

No. MC 124117 (Sub-No. 6), filed January 8, 1973. Applicant: EARL FREEMAN, doing business as, MIDTENN EXPRESS, Post Office Box 101, Eagleville, TN 37060. Applicant's representative: Walter Harwood, 1822 Parkway Towers, Nashville, Tenn. 37219. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Malt beverages and related advertising materials*, (1) from Detroit, Mich., and Milwaukee, Wis., to Nashville, Tenn., and (2) from Evansville, Ind., to Memphis, and Nashville, Tenn., and points in Alabama, Arkansas, Florida, Georgia, Louisiana, and Mississippi. **NOTE:** Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Nashville, Tenn.

No. MC 124221 (Sub-No. 39), filed January 15, 1973. Applicant: HOWARD BAER, Post Office Box 27, Morton, IL

61550. Applicant's representative: Robert W. Loser, 1009 Chamber of Commerce Building, Indianapolis, Ind. 46204. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Meats* other suspended and intended for use in the manufacture of weiners, sausage, and lunch meats, moving in temperature-controlled vehicles, from points in Iowa (except Dubuque, Sioux City, and Waterloo); Indiana, Illinois, Wisconsin, Virginia, Kentucky, Tennessee, Missouri, and Wichita, Kans.; Albert Lea, Minn.; Amarillo, Dallas, and El Paso, Tex.; New Orleans, La.; Pittsburgh, Pa.; and Atlanta, Ga.; to the Kroger Company Sausage Plant facility located in Springdale, Ohio, and the storage facilities for the aforesaid plant at Cincinnati, Ohio. **Restriction:** The operations authorized herein are limited to a transportation service to be performed under a continuing contract with the Kroger Co. **NOTE:** If a hearing is deemed necessary, applicant requests it be held at Cincinnati, Ohio; Indianapolis, Ind.; or Washington, D.C.

No. MC 124327 (Sub-No. 9), filed January 23, 1973. Applicant: COASTAL CONTRACT CARRIER CORPORATION, Post Office Box 261, Selmer, TN 38375. Applicant's representative: R. Conner Wiggins, Jr., Suite 909, 100 North Main Building, Memphis, Tenn. 38103. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: (1) *Finished and unfinished piece goods*, from points in Alabama, Georgia, North Carolina, and South Carolina, to Nashville, Tenn.; and (2) *general commodities*, between Nashville, Tenn., on the one hand, and, on the other, Pecos, Waco, and Dallas, Tex., to be performed under a continuing contract or contracts with Genesco, Inc. **NOTE:** If a hearing is deemed necessary, applicant requests it be held at Atlanta, Ga.

No. MC 124813 (Sub-No. 101), filed January 15, 1973. Applicant: UMTHUN TRUCKING CO., a corporation, 910 South Jackson Street, Eagle Grove, IA 50533. Applicant's representative: William L. Fairbank, 900 Hubbell Building, Des Moines, Iowa 50309. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Feed ingredients*, from Weeping Water, Nebr., to points in Kansas and Missouri; and (2) *lime, limestone products, and feed ingredients* from Alden, Iowa, to points in Kansas and Missouri. **NOTE:** Applicant holds contract carrier authority under MC 118468 and Subs thereto, therefore dual operations may be involved. Applicant further states that its requested authority could be tacked with its existing authority at Weeping Water to serve Kansas from Iowa. If a hearing is deemed necessary, applicant requests it be held at either Omaha, Nebr., Kansas City, Mo., or Chicago, Ill.

No. MC 125708 (Sub-No. 129), filed January 21, 1973. Applicant: THUNDERBIRD MOTOR FREIGHT LINES, INC.,

Highway 32 East, Crawfordsville, Ind. 47933. Applicant's representative: Donald W. Smith, 900 Circle Tower, Indianapolis, Ind. 46204. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Sky lights, sky lights and ventilators combined, hatches, and plastic articles*, from Garland, Tex., to points in Alabama, Arkansas, California, Delaware, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Mississippi, Massachusetts, Missouri, Nebraska, New Jersey, New York, North Carolina, Ohio, Oklahoma, Pennsylvania, South Carolina, Tennessee, Virginia, West Virginia, and Wisconsin. NOTE: Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Dallas or Fort Worth, Tex.

No. MC 126588 (Sub-No. 1), filed January 24, 1973. Applicant: KERR MOTOR LINES, INC., 1/4 Jackson Street, Binghamton, NY 13901. Applicant's representative: Herbert M. C. nter, 315 Seitz Building, 201 East Jefferson Street, Syracuse, NY 13202. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Computing machine paper*, from the plantsite of Moore Business Forms, Inc., at or near Honesdale, Pa., to points in Massachusetts (except points in Berkshire, Franklin, Hampshire, and Hampden Counties, Mass.); and (2) *paper in wrapped rolls* from the warehouse or storage facilities of Moore Business Forms, Inc., at or near Avon, Mass., to the plantsite of Moore Business Forms, Inc., at or near Honesdale, Pa. NOTE: Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Buffalo or Syracuse, N.Y., or Washington, D.C.

No. MC 127100 (Sub-No. 12), filed January 4, 1973. Applicant: B & B MOTOR LINES, INC., 911 Summit Street, Toledo, OH 43604. Applicant's representative: Earl F. Boxell, Ninth Floor, Toledo Trust Building, Toledo, Ohio 43604. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Malt beverages* (beer and ale), in containers from Chicago (Bensenville), Ill., to Toledo, Ohio, and *empty containers* on return trip from Toledo, Ohio, to Chicago (Bensenville), Ill., under contract with Metropolitan Distributing Co. NOTE: If a hearing is deemed necessary, applicant requests it be held at Columbus, Ohio, Lansing, Mich., or Indianapolis, Ind.

No. MC 128114 (Sub-No. 2), filed January 15, 1973. Applicant: PAUL E. SAVAGE, doing business as SAVAGE TRANSPORTATION CO., Building 141, Pasco Airport, Pasco, Wash. 99302. Applicant's representative: Donald A. Ericson, 708 Old National Bank Building, Spokane, Wash. 99201. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Animal feed and feed ingredi-*

ents, from points in Benton, Kittitas, Walla Walla, and King Counties, Wash., to points in the counties of Morrow, Umatilla, Marion, Wallowa, Union, Baker, and Malheur, Oreg., and the counties of Nez Prece, Lewis, Idaho, Latah, Benewah, and Kootenai, Idaho. NOTE: Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Spokane and Seattle, Wash., or Portland, Oreg.

No. MC 128384 (Sub-No. 3), filed December 18, 1972. Applicant: JUNIOR EVERETT DE PRIEST, doing business as JUNIOR DE PRIEST TRUCKING CO., Birchtree, Mo. 65438. Applicant's representative: B. W. LaTourette, Jr., 611 Olive Street, Suite 1850, St. Louis, MO 63101. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Stacking strips*, from Birchtree, Mo., to points in Texas, under a continuing contract with Missouri Hardwood Flooring Co. at St. Louis, Mo. NOTE: If a hearing is deemed necessary, applicant requests it be held at St. Louis, Mo.

No. MC 133106 (Sub-No. 24), filed January 3, 1973. Applicant: NATIONAL CARRIERS, INC., 1501 East Eighth Street, Post Office Box 1358, Liberal, KS 67901. Applicant's representative: Frederick J. Coffman, 521 South 14th Street, Post Office Box 80806, Lincoln, NE 68501. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Pipe fittings and connections, pipe hangers, indicator post, hydrants, pipe, bars and rods, valves* (with or without operating apparatus), *castings, water motor alarms, pipe cement, joint compound, automatic sprinkler heads, automatic fire protection and prevention systems, air heaters, blowers, and parts* (except commodities which because of size or weight require the use of special equipment), from the plant, warehouse, and storage facilities utilized by International Telephone & Telegraph Corp.—Grinnel, at or near Cranston and West Kingston, R.I., Elmira, N.Y., and Columbia and Wrightsville, Pa., to Indianapolis, Ind., and Memphis, Tenn., under a continuing contract, or contracts, with International Telephone & Telegraph Corp., at Providence, R.I. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C., or Memphis, Tenn.

No. MC 133276 (Sub-No. 9), filed January 8, 1973. Applicant: BERRY TRANSPORT, INC., 5315 Southwest St. Helens Road, Portland, OR 97210. Applicant's representative: Nick I. Goyak, 404 Oregon National Building, 610 Southwest Adler, Portland, OR 97205. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Liquid fertilizer*, in bulk, in tank vehicles, and *chemical fertilizers* in sacks, from Vancouver, Wash., to points in Oregon. NOTE: Applicant holds contract carrier authority under MC 47010 and Sub 5, therefore dual operations may be involved. If a hearing is deemed necessary,

applicant requests it be held at Portland, Oreg. or Seattle, Wash.

No. MC 134387 (Sub-No. 18), filed August 21, 1972. Applicant: BLACKBURN TRUCK LINES, INC., 4998 Branyon Street, South Gate, CA 90280. Applicant's representative: Warren N. Grossman, 825 City National Bank Building, 606 South Olive Street, Los Angeles, CA 90014. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Empty glass containers*, from points in Alameda and Los Angeles Counties, Calif., to points in Cochise County, Ariz. NOTE: Applicant states that the requested authority cannot or will not be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at Los Angeles or San Francisco, Calif.

No. MC 134755 (Sub-No. 34), filed January 23, 1973. Applicant: CHARTER EXPRESS, INC., 1959 East Turner Street, Box 3772, Springfield, MO 65804. Applicant's representative: Le Roy Smith (same address as applicant). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Dairy products* (except in bulk, in tank vehicles) from Carthage, Mo., to Landover, Md. NOTE: Applicant states that the requested authority cannot be tacked with its existing authority. If a hearing is deemed necessary, applicant requests it be held at San Francisco, Calif.

No. MC 134974 (Sub-No. 1), filed January 11, 1973. Applicant: BE-WELL FARMS, INC., 2 Franklin Street, Medway, MA 02053. Applicant's representative: Frederick T. O'Sullivan, 622 Lowell Street, Peabody, MA 01960. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Meat, meat products, and meat byproducts* (except hides, commodities in bulk, in tank vehicles, in hopper-style vehicles), from Boston, Mass., to points in Pennsylvania, Delaware, Maryland, Virginia, West Virginia, Ohio, Indiana, Illinois, Michigan, Kentucky, Tennessee, Missouri, North Carolina, South Carolina, Florida, Mississippi, Alabama, Georgia, Louisiana, and the District of Columbia, under contract with Newmarket Boneless Beef, Inc. NOTE: If a hearing is deemed necessary, applicant requests it be held at Boston, Mass.

No. MC 135218 (Sub-No. 2), filed January 15, 1973. Applicant: MONTI MOVING & STORAGE, INC., 209 MacDougal Street, Brooklyn, NY 11233. Applicant's representative: Robert J. Gallagher, 1776 Broadway, New York City, NY 10019. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Used household goods*, restricted to the transportation of traffic having a prior or subsequent movement, in containers, beyond the points authorized, and further restricted to the performance of pickup and delivery service in connection with packing, crating, and containerization or unpacking, uncrating, and decontainerization of such traffic, between points in New Jersey,

points in Sullivan, Westchester, Ulster, Dutchess, Putnam, New York, Bronx, Kings, Queens, Nassau, Suffolk, Richmond, Orange, and Rockland Counties, N.Y., and Fairfield County, Conn. **NOTE:** If a hearing is deemed necessary, applicant requests it be held at New York, N.Y.

No. MC 135691 (Sub-No. 4), filed January 18, 1973. Applicant: DALLAS CARRIERS CORP., 7621 Inwood Road, Dallas, TX 75209. Applicant's representative: E. Stephen Heisley, 805 McLachlen Bank Building, 666 11th Street NW., Washington, DC 20001. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products, dairy products, articles distributed by meat packinghouses and such commodities* as are used by or dealt in by meat packers and food distributors in the conduct of their business (except commodities in bulk, in tank vehicles, and hides), between points in Michigan, Indiana, Missouri, Kansas, Nebraska, Iowa, Wisconsin, Minnesota, Illinois, North Dakota, South Dakota, Colorado, Oklahoma, Texas, Arkansas, Louisiana, Ohio, Kentucky, and Massachusetts, on the one hand, and, on the other, points in Ohio, Pennsylvania, New Jersey, Massachusetts, New York, Kentucky, Indiana, Virginia, Maryland, Delaware, West Virginia, the District of Columbia, Maine, New Hampshire, Vermont, Connecticut, and Rhode Island. Restriction: The operations authorized herein are limited to a transportation service to be performed under a continuing contract or contracts with Trinity Valley Foods, Inc., and U.S. Pet Food Supply Company of Dallas, Tex. **NOTE:** If a hearing is deemed necessary, applicant requests it be held at Dallas, Tex.

No. MC 135691 (Sub-No. 5), filed January 23, 1973. Applicant: DALLAS CARRIERS CORP., 7621 Inwood Road, Dallas, TX 75209. Applicant's representative: E. Stephen Heisley, 805 McLachlen Bank Building, 666 11th Street NW., Washington, DC 20001. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products, meat by-products, dairy products, articles distributed by meat packinghouses, and such commodities* as are used by or dealt in by meat packers and food distributors in the conduct of their business (except commodities in bulk, in tank vehicles and hides), between points in Michigan, Indiana, Ohio, Illinois, Wisconsin, Minnesota, Iowa, Louisiana, North Dakota, South Dakota, New Mexico, Nebraska, Missouri, Kansas, Oklahoma, Texas, Kentucky, and Colorado. Restriction: The above authority is restricted to transportation of traffic moving under a continuing contract or contracts with Trinity Valley Foods, Inc., and U.S. Pet Food Supply Co., both of Dallas, Tex. **NOTE:** If a hearing is deemed necessary, applicant requests it be held at Dallas, Tex.

No. MC 135691 (Sub-No. 6), filed January 23, 1973. Applicant: DALLAS CARRIERS CORP., 7621 Inwood Road, Dal-

las, TX 75209. Applicant's representative: E. Stephen Heisley, 805 McLachlen Bank Building, 666 11th Street NW., Washington, DC 20001. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Meat, meat products, meat by-products, dairy products, articles distributed by meat packinghouses and such commodities* as are used by or dealt in by meat packers and food distributors in the conduct of their business (except commodities in bulk, in tank vehicles and hides), between points in Michigan, Indiana, Missouri, Kansas, Nebraska, Iowa, Wisconsin, Minnesota, Illinois, North Dakota, South Dakota, Colorado, Oklahoma, Texas, Arkansas, Louisiana, Ohio, and Kentucky, on the one hand, and, on the other, points in Florida, Georgia, Alabama, Mississippi, North Carolina, South Carolina, and Tennessee. Restriction: The above authority is restricted to transportation performed under a continuing contract or contracts with Trinity Valley Foods, Inc., and U.S. Pet Food Supply Co., of Dallas, Tex. **NOTE:** If a hearing is deemed necessary, applicant requests it be held at Dallas, Tex.

No. MC 135691 (Sub-No. 8), filed January 24, 1973. Applicant: DALLAS CARRIERS CORP., 7621 Inwood Road, Dallas, TX 75209. Applicant's representative: E. Stephen Heisley, 805 McLachlen Bank Building, 666 11th Street NW., Washington, DC 20001. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products, meat by-products, dairy products, and articles distributed by meat packinghouses and such commodities* as are used by or dealt in by meat packers and food distributors in the conduct of their business (except commodities in bulk, in tank vehicles and hides), between points in Pennsylvania, New York, Ohio, Indiana, Michigan, Illinois, Massachusetts, Wisconsin, Minnesota, Iowa, Kansas, New Jersey, Nebraska, South Dakota, North Dakota, and Missouri, on the one hand, and, on the other, points in California, Oregon, Washington, Utah, Arizona, New Mexico, Colorado, Wyoming, Montana, Idaho, and Nevada, under continuing contracts with Trinity Valley Foods, Inc. and U.S. Pet Food Supply Co., both at Dallas, Tex. **NOTE:** If a hearing is deemed necessary, applicant requests it be held at Dallas, Tex.

No. MC 135874 (Sub-No. 16), filed January 16, 1973. Applicant: LTL PERISHABLES, INC., Post Office Box 37468, Millard Station, Omaha, NE 68137. Applicant's representative: Donald L. Stern, 530 Univac Building, Omaha, Nebr. 68106. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Meats, meat products, and meat by-products, 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 and hides), (1) from the

Minneapolis-St. Paul, Minn. Commercial Zone to points in Iowa, Nebraska, and South Dakota; and (2) from Mason City, Davenport, and Tama, Iowa, to points in Nebraska. **NOTE:** Applicant presently holds no authority which can be tacked or joined. If a hearing is deemed necessary, applicant requests it be held at Omaha, Nebr.

No. MC 135913 (Sub-No. 2), filed January 23, 1973. Applicant: BREEN TRUCKING, INC., 8459 Church Road, Grosse Isle, MI 48138. Applicant's representative: Theodore Polydoroff, 1250 Connecticut Avenue NW., Washington, DC 20036. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: (1) *Foundry core compounds and high temperature bonding mortar or cement* (except in bulk), from the facilities of C-E Cast Products at or near Rockwood, Mich., to points in Illinois, Indiana, Iowa, Kentucky, Maryland, Michigan, Minnesota, Missouri, New Jersey, New York, Ohio, Pennsylvania, Virginia, West Virginia, and Wisconsin; (2) *materials and supplies* (except in bulk) used in the manufacture and distribution of foundry core compounds and high temperature bonding mortar or cement; from points in Illinois, Indiana, Iowa, Kentucky, Maryland, Michigan, Minnesota, Missouri, New Jersey, New York, Ohio, Pennsylvania, Virginia, West Virginia, and Wisconsin to the facilities of C-E Cast Products at or near Rockwood, Mich.; and (3) *silica flour*, from points in Perry and Knox Counties, Ohio to the facilities of C-E Cast Products at or near Rockwood, Mich., 1, 2, and 3 above are restricted to operations to be performed under a continuing contract with C-E Products, a Division of the Ceram-atec Group of Combustion Engineering, Inc. If a hearing is deemed necessary, applicant requests it be held at Detroit, Mich.

No. MC 136211 (Sub-No. 8), filed December 22, 1972. Applicant: MERCHANT'S HOME DELIVERY SERVICE, INC., 210 St. Mary's Drive, Suite G, Oxnard, CA 93030. Applicant's representative: Joseph E. Rebman, 314 North Broadway, Suite 1230, St. Louis, MO 63102. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *New furniture*, from the warehouse and shipping facilities of Levitz Furniture Corp.: (1) at Whitehall (Lehigh County), Pa. (near Allentown, Pa.) to points in Warren, Morris, and Hunterdon Counties, N.J., and returned or rejected shipments on return; (2) at Cherry Hill (Camden County), N.J. to points in Philadelphia, Bucks, and Montgomery Counties, Pa., and returned or rejected shipments on return; and (3) at Langhorne, Pa., to points in Hunterdon, Somerset, Middlesex, Mercer, and Burlington Counties, N.J., and returned or rejected shipments on return, with the operations in (1), (2), and (3) above performed under a continuing contract, or contracts with Levitz Furniture Corp., at King of Prussia, Pa. **NOTE:** If a hearing is deemed necessary, applicant requests it be held at

Philadelphia, Pa.; St. Louis, Mo.; or Washington, D.C.

No. MC 136646 (Sub-No. 2), filed January 12, 1973. Applicant: DYKSTRA TRANSPORT, INC., 317 Fourth Avenue SE., Sioux Center, IA 51250. Applicant's representative: Earl H. Scudder, Jr., Post Office 82028, 605 South 14th Street, Lincoln, NE 68501. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Liquid fertilizer and liquid fertilizer ingredients*, from Dubuque, Iowa, to points in Illinois, Wisconsin, and Minnesota. NOTE: If a hearing is deemed necessary, applicant requests it be held at Des Moines, Iowa; or Chicago, Ill.

No. MC 136992 (Sub-No. 1), filed January 11, 1973. Applicant: T-W TRANSPORT, INC., 2121 Waterworks Way, Spokane, WA 99220. Applicant's representative: George H. Hart, 1100 IBM Building, Seattle, Wash. 98101. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Wine and malt beverages*, from San Francisco, Azusa, Madera, Van Nuys, and points in Napa County, Calif., to Spokane, Wash., under contract with Joe August Distributors, Inc., and August-Flaherty Distributors. NOTE: If a hearing is deemed necessary, applicant requests it be held at Spokane or Seattle, Wash.

No. MC 138016 (Sub-No. 2), filed January 18, 1973. Applicant: MENANTICO TRANSPORT CO., INC., 184 Sherman Avenue, Vineland, NY 08360. Applicant's representative: Jacob P. Billig, 1108 16th Street NW., Washington, DC 20036. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Commodities*, sold, dealt in, or utilized by construction and road building companies, and by construction and road building supply companies, between points in New Jersey, on the one hand, and, on the other, points in Berks, Bucks, Chester, Delaware, Lancaster, Lebanon, Lehigh, Montgomery, Northampton, Philadelphia, and York Counties, Pa., restricted against the movement of cement in bulk in tank vehicles, and to movements performed under a contract with Tuckahoe Sand & Gravel Co., Inc. NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C.

No. MC 138032 (Sub-No. 1) (Amendment), filed November 22, 1972, published in the FEDERAL REGISTER issue of February 8, 1973, and republished as amended, this issue. Applicant: ED LYNN, doing business as LYNN'S EMERGENCY DELIVERY SERVICE, 408 Mercury Drive, Godfrey, IL 62035. Applicant's representative: Gregory M. Rebman, 1230 Boatmen's Bank Building, 314 North Broadway, St. Louis, MO 63102. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *General commodities* (restricted to the transportation of shipments of general commodities weighing 2,000 pounds or less in an emergency service) between St. Louis, Mo., and points in St. Louis County, Mo., on the one hand, and,

on the other, Alton, Godfrey, Carol Stream, Morris, and Chicago, Ill.; Elkhart, Ind.; and Kalamazoo, Mich.; and (2) *hydraulic parts, machine gears, belts, pulleys, bushings, and printing cylinders* (restricted to the transportation of shipments of said commodities weighing 2,000 pounds or less in an emergency service) between St. Louis, Mo., and points in St. Louis County, Mo., on the one hand, and, on the other, Cincinnati, Ohio. NOTE: The purpose of this amendment is to broaden the commodity description and territorial scope of the application. If a hearing is deemed necessary, applicant requests it be held at St. Louis, Mo.

No. MC 138071 (Sub-No. 2), filed December 15, 1972. Applicant: D. A. HAMPTON, doing business as D. A. HAMPTON TRUCKING COMPANY, 1504 Oak Street, Charlotte, NC 28213. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Sand, crushed stone, plant mix asphalt, and dirt*, from points in Mecklenburg County, N.C., to points in York County, S.C., under contract with Queen City Paving Co. NOTE: If a hearing is deemed necessary, applicant requests it be held at Charlotte, or Raleigh, N.C.

No. MC 138105, filed October 6, 1972. Applicant: BILL WALSH, doing business as WALSH TRUCK COMPANY, Post Office Box 485, Los Banos, CA 93635. Applicant's representative: Dennis R. Scott, 1519 11th Street, Firebaugh, CA 93622. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Lumber and hardware, raw material and equipment* for the manufacture of doors, (1) between the Port of San Francisco, and Los Banos, Calif., via California Highway 152 and Interstate Highway 5; and (2) from Los Banos to the Port of Alameda or Oakland, Calif., and return, under contract with Lifetime Doors, Inc. NOTE: If a hearing is deemed necessary, applicant requests it be held at Fresno or San Francisco, Calif.

No. MC 138183 (Sub-No. 2), filed January 22, 1973. Applicant: CHEROKEE MILLING COMPANY, INC., 447 Cedar Bluff Road, Centre, AL 35960. Applicant's representative: D. H. Markstein, Jr., 512 Massey Building, Birmingham, Ala. 35203. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: (1) *Animal feed ingredients*, (a) from Chattanooga, Tenn., to points in Hall and Forsyth Counties, Ga., (b) from Gainesville, Ga., to points in Cherokee and Marshall Counties, Ala., (c) from Guntersville, Ala., to points in Hamilton County, Tenn., and those in Hall, Gordon, and Whitfield Counties, Ga., and (d) from Decatur, Ala., to Tunnel Hill, Ga.; and (2) *Soybean meal* in bulk, in hopper trailers, from Chattanooga, Tenn., to Tunnel Hill, Ga. NOTE: If a hearing is deemed necessary, applicant requests it be held at Birmingham, Ala., or Chattanooga, Tenn.

No. MC 138202 (Sub-No. 1), filed January 12, 1973. Applicant: T. RAFFAELE

TRUCKING CORP., 1535 A Kennelworth Place, Bronx, NY 10465. Applicant's representative: Edward M. Alfano, 2 West 45th Street, New York, NY 10036. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Foodstuffs*, including foodstuffs in vehicles equipped with mechanical refrigeration (except in bulk) between Richter Brothers, Inc., warehouse located at Carlstadt, N.J., on the one hand, and, on the other, points in the New York, N.Y., commercial zone as defined by the Commission. Restriction: Restricted to transportation under a continuing contract or contracts with Richter Brothers, Inc. NOTE: If a hearing is deemed necessary, applicant requests it be held at New York, N.Y.

No. MC 138318, filed January 3, 1973. Applicant: FURNESS (MONTREAL) LIMITED, 500 Place D'Armes, Montreal, 126, PQ, Canada. Applicant's representative: Francis E. Barrett, Jr., 10 Industrial Park Road, Hingham, MA 02043. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Forest products, wood pulp, and paper products*, from Woodland, Maine, to the port of entry on the United States-Canada international boundary line located at or near Calais, Maine, under contract with Georgia Pacific Corporation of Portland. NOTE: If a hearing is deemed necessary, applicant requests it be held at either Burlington, Vt., Albany, N.Y., or Boston, Mass.

No. MC 138345 (Sub-No. 1), filed January 18, 1973. Applicant: BASIL B. GORDON AND CLAY M. POPE, copartners, doing business as VALLEY SPREADER COMPANY, 260 North Ninth Street, Brawley, CA 92227. Applicant's representative: Carl H. Fritze, 1545 Wilshire Boulevard, Los Angeles, CA 90017. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Farm machinery and equipment, used irrigation systems and irrigation pipe*, between points in Imperial County, Calif., on the one hand, and points in Mohave and Yuma Counties, Ariz., on the other hand. Restricted to the transportation of traffic both originating at and destined to points in the above-described territory. NOTE: If a hearing is deemed necessary, applicant requests it be held at Yuma, Ariz., or Los Angeles, Calif.

No. MC 138365, filed December 19, 1972. Applicant: GERALD HAEGELE, doing business as GERALD TRANSPORTATION, 5227 Brass Lantern, St. Louis, MO 63128. Applicant's representative: B. W. LaTourette, Jr., 611 Oliver Street, Suite 1850, St. Louis, MO 63101. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Paper, printing rollers, ink, shellac, and items related to the printing industry*, between points in St. Louis County, Mo., and points in the St. Louis, Mo.-East St. Louis, Ill., commercial zone as defined by the Commission under contract with Orchard Corporation of America, St. Louis, Mo. NOTE: If a hearing is deemed necessary, applicant

requests it be held at St. Louis or Jefferson, Mo.

No. MC 138377, filed January 11, 1973. Applicant: BURRIS EXPRESS CO., a corporation, Harrington, Del. Applicant's representative: V. Baker Smith, 2107 The Fidelity Building, Philadelphia, Pa. 19109. Authority sought to operate as a contract carrier, by motor vehicle, over irregular routes, transporting: Foodstuffs (except in bulk), in vehicles equipped with mechanical refrigeration, from the facilities of Burris Warehouse Co., at or near Harrington, Del., to points in Maryland, New Jersey, New York, Pennsylvania, Virginia, West Virginia, and the District of Columbia, under contract with Burris Warehouse Co. NOTE: Dual operations may be involved. If a hearing is deemed necessary, applicant requests it be held at Philadelphia, Pa., or Washington, D.C.

No. MC 138382, filed January 22, 1973. Applicant: PATTERSON COASTAL TRANSPORT, INC., Rural Route No. 2, Frankfort, Ill. 60423. Applicant's representative: Daniel C. Sullivan, 327 South La Salle Street, Chicago, Ill. 60604. Authority sought to operate as a contract carrier, by motor vehicle, over irregular routes, transporting: (1) Matches and printed and unprinted match books, from Frankfort, Ill., to points in the United States (except Alaska and Hawaii); and (2) materials, equipment, and supplies, from points in the United States (except Alaska and Hawaii) to Frankfort, Ill., under a continuing contract in (1) and (2) above with Bradley Industries, Inc., at Frankfort, Ill. NOTE: If a hearing is deemed necessary, applicant requests it be held at Chicago, Ill.

No. MC 138387, filed January 18, 1973. Applicant: FOOSE TRANSPORT, INC., 286 Glen Avenue, Dumont, NJ 07628. Applicant's representative: Morton E. Kiel, 149 Cedar Street, New York, NY 10006. Authority sought to operate as a contract carrier, by motor vehicle, over irregular routes, transporting: Such commodities as are dealt in by a chemical manufacturer (except in bulk), (1) between Azusa, Calif., on the one hand, and, on the other, points in and east of Texas, Arkansas, Missouri, Iowa, and Minnesota; and (2) between Lodi, N.J., on the one hand, and, on the other, points in Tennessee, Ohio, Indiana, and Illinois and points in and west of Louisiana, Arkansas, Missouri, Iowa, and Minnesota, under contract with the Norac Co. NOTE: If a hearing is deemed necessary, applicant requests it be held at New York, N.Y.

No. MC 13891, filed November 8, 1972. Applicant: FRED A. PERELLA, 340 39th Street, Pittsburgh, PA 15201. Applicant's representative: Robert McKenzie, 11th Floor, 100 Fifth Avenue, Pittsburgh, PA 15222. Authority sought to operate as a contract carrier, by motor vehicle, over irregular routes, transporting: Ice cream cones and wafers, paper drinking cups,

straws and containers; plastic drinking cups, straws and containers and all types of supplies, materials, and equipment used in the production of the forementioned products, carriage to be provided other than in bulk, and tank vehicles, between Chicago, Ill.; Baltimore, Md.; Boston, Mass.; Detroit, Mich.; Fair Lawn, N.J.; Brooklyn and Rochester, N.Y.; Charlotte, N.C.; Akron, Canton, Cincinnati, Cleveland, Warren, and Youngstown, Ohio; Pittsburgh, Pa.; Morgantown and Wheeling, W. Va., under contract with Keystone Cone Co., Inc. (Division of Maryland Cup). NOTE: If a hearing is deemed necessary, applicant requests it be held at Washington, D.C., or Pittsburgh, Pa.

No. MC 138394, filed January 9, 1973. Applicant: EARL L. CLYMER AND STANLEY D. BRAMMER, a partnership, doing business as B & C TRANSPORT, Route 1, Henderson, Iowa 51541. Applicant's representative: Earl L. Clymer (same address as applicant). Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: (1) Multipurpose goose neck trailers, from the plantsite and storage facilities of Smith Trailer Co. at or near Shenandoah, Iowa, to points in Arizona, Arkansas, California, Colorado, Florida, Idaho, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Mexico, North Dakota, Ohio, Oklahoma, South Dakota, Texas, Utah, Wisconsin, and Wyoming; (2) repurchased or repossessed multipurpose goose neck trailers, from the destination territory named in (1) above, to Shenandoah, Iowa; (3) travel trailers, with goose neck connectors, from the plantsite and storage facilities of Klasic Manufacturing Co., Inc., at or near Sedalia, Mo., to Arkansas, Colorado, Illinois, Indiana, Iowa, Kansas, Louisiana, Minnesota, Missouri, Nebraska, Oklahoma, Tennessee, and Texas; and (4) repurchased or repossessed travel trailers, with goose neck connectors from the destination States named in (3) above, to Sedalia, Mo. NOTE: If a hearing is deemed necessary, applicant requests it be held at Omaha, Nebr., or St. Joseph, Mo.

APPLICATION FOR FILING BROKERAGE LICENSE

No. MC 12572 (Sub-No. 3), filed January 22, 1973. Applicant: GEORGE ST. PIERRE, 27 Kent Street, Plainville, CT 06062. Applicant's representative: Thomas W. Murrett, 342 North Main Street, West Hartford, CT 06117. For a license (BMC-5) to engage in operations as a broker at Plainville, Conn., in arranging for the transportation, by motor vehicle, in interstate or foreign commerce, of Passengers and their baggage, between points in Hartford and New Haven Counties, Conn., on the one hand, and, on the other, points in Alabama, Connecticut, Delaware, Florida, Georgia, Illinois, Indiana, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Mich-

igan, Mississippi, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Vermont, Virginia, West Virginia, Wisconsin, and the District of Columbia.

MOTOR CARRIER OF PASSENGER

No. MC 138199 (Sub-No. 1), filed January 17, 1973. Applicant: LEONARD J. MARKOWSKI, doing business as AIR-LINK, Route 3, Box 579, Coeur d'Alene, Idaho 83814. Applicant's representative: Herbert Nagel, Post Office Box 907, Coeur d'Alene, Idaho 83814. Authority sought to operate as a common carrier, by motor vehicle, over irregular routes, transporting: Passengers, baggage, express, and newspapers, in the same vehicle. Occasional special or charter operations for clubs and groups in Idaho utilizing the Spokane International Airport are anticipated. Operations to be conducted between individual homes and business establishments in Kootenai County, Idaho, and Spokane International Airport, Spokane County, Wash., and return. NOTE: If a hearing is deemed necessary, applicant requests it be held at Coeur d'Alene, Idaho, or Spokane, Wash.

APPLICATIONS IN WHICH HANDLING WITHOUT ORAL HEARING HAS BEEN REQUESTED

No. MC 56679 (Sub-No. 73), filed December 18, 1972. Applicant: BROWN TRANSPORT CORP., 125 Milton Avenue, Atlanta, GA 30315. Applicant's representative: B. K. McClain (same address as applicant). 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 in bulk, and those requiring special equipment because of size or weight), serving the terminal site of Harper Motor Lines, Inc., at the junction of U.S. Highway 29 and South Carolina Highway 8, near West Pelzer, S.C., serving as an off-route point in connection with applicant's present regular route operations between Elberton, Ga. and Greenville, S.C.

No. MC 113908 (Sub-No. 247) (Correction), filed November 17, 1972, published in the FEDERAL REGISTER issue of December 21, 1972 and January 11, 1973, republished as corrected this issue. Applicant: ERICKSON TRANSPORT CORPORATION, 2105 East Dale Street, Springfield, MO 65804. Applicant's representative: B. B. Whitehead (same address as applicant). NOTE: The purpose of this republication is to show that this application has been assigned No. MC 113908 Sub-No. 247 as originally published on December 21, 1972. The rest of the notice remains as previously published.

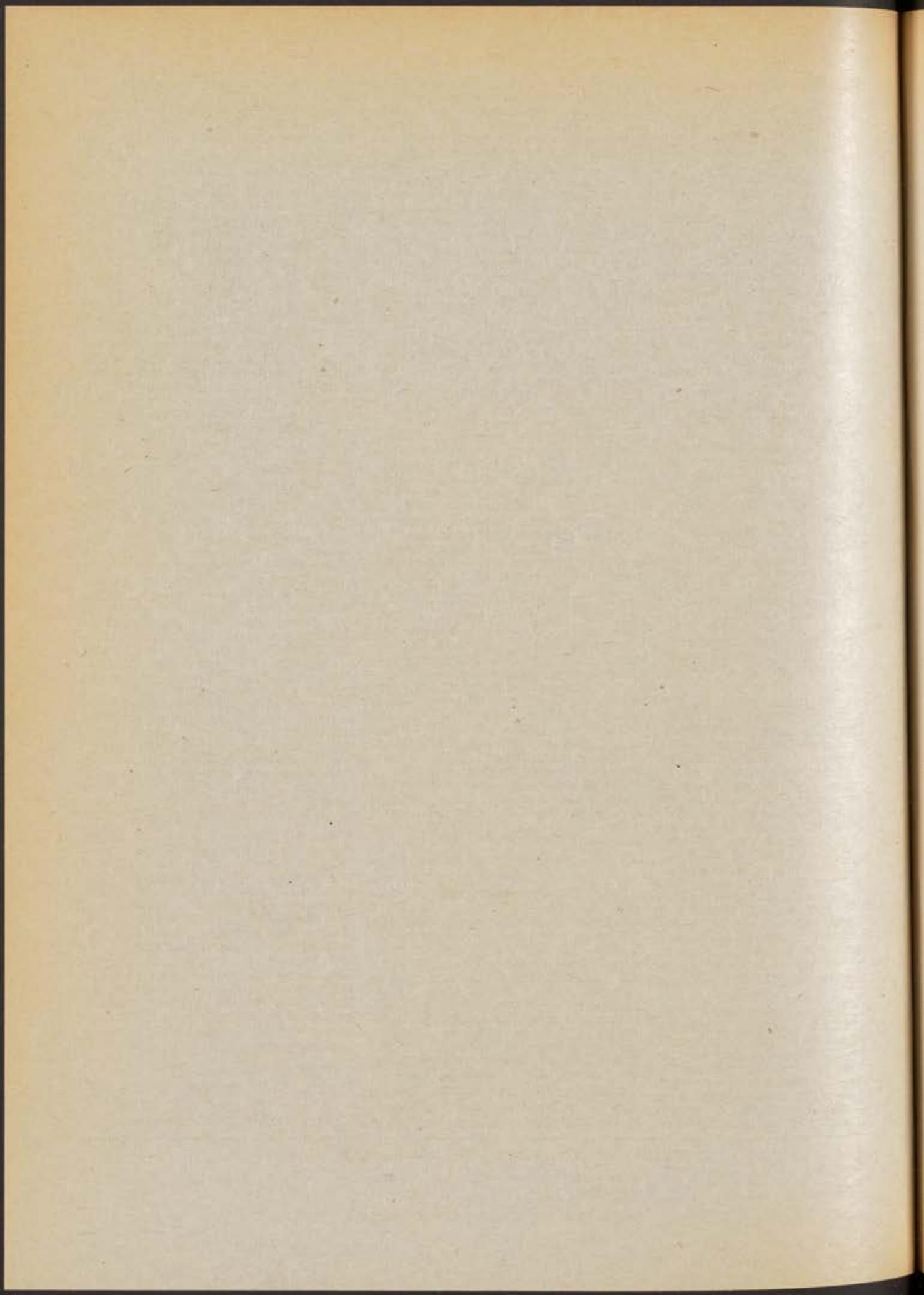
By the Commission.

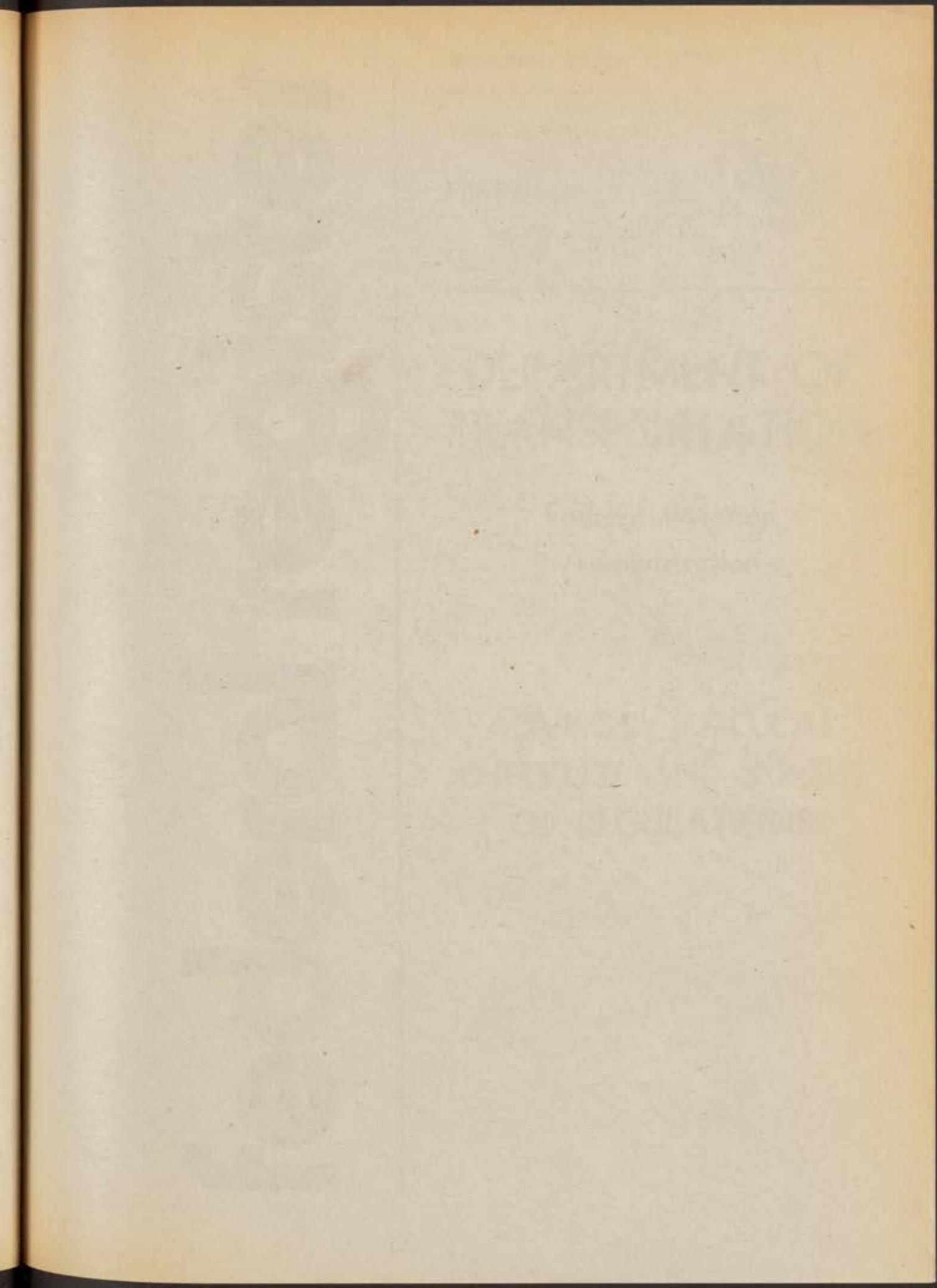
[SEAL] ROBERT L. OSWALD,
Secretary.

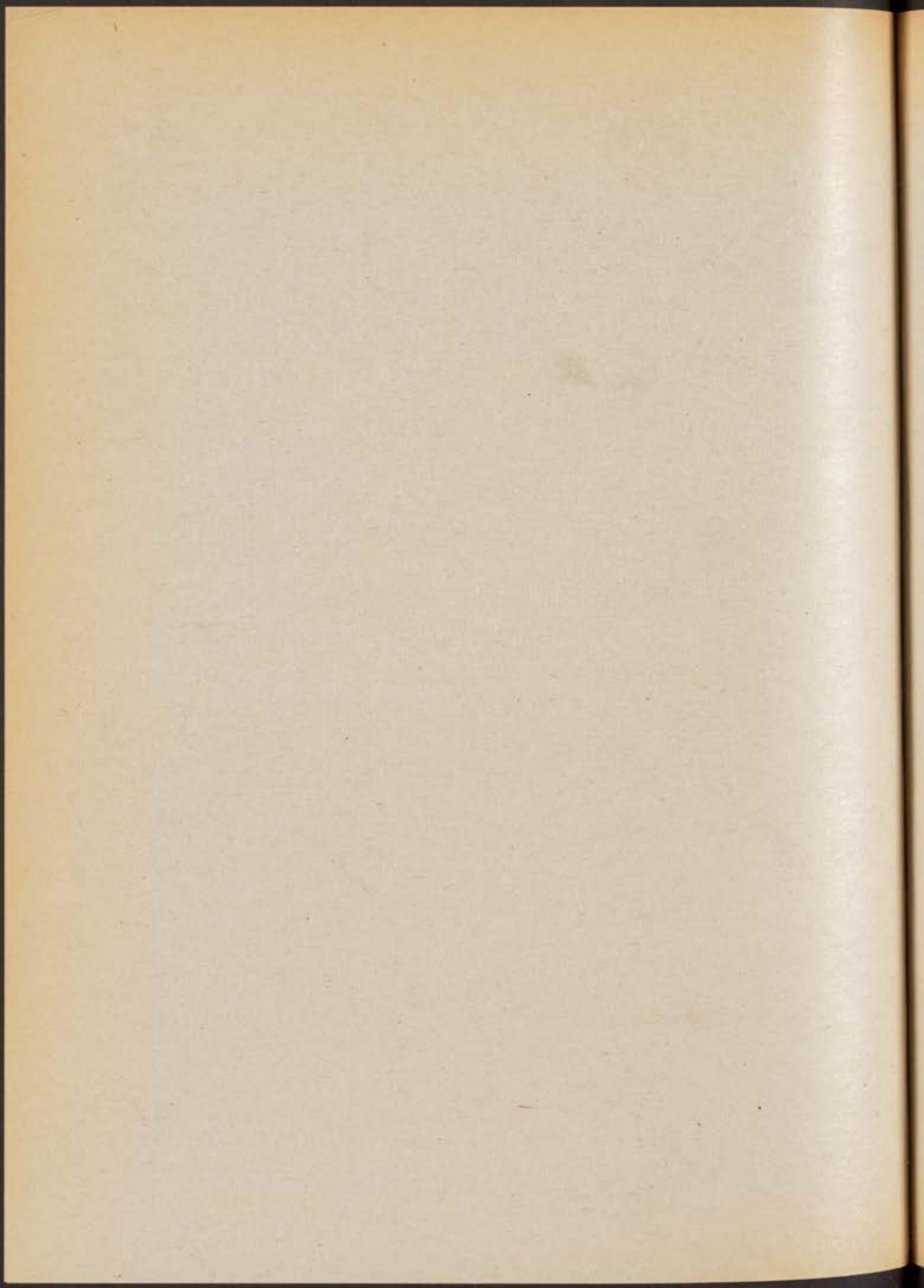
[FR Doc. 73-3730 Filed 2-28-73; 8:45 am]

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federal register

THURSDAY, MARCH 1, 1973
WASHINGTON, D.C.

Volume 38 ■ Number 40

PART II



DEPARTMENT OF TRANSPORTATION

**Federal Aviation
Administration**



**ADVISORY CIRCULAR
CHECKLIST AND STATUS
OF REGULATIONS**

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

[AC 00-2W—Effective December 15, 1972]

ADVISORY CIRCULAR CHECKLIST AND STATUS OF FEDERAL AVIATION REGULATIONS

1. *Purpose.* This notice contains the revised checklist of current FAA advisory circulars and the status of Federal Aviation Regulations as of December 15, 1972.

2. *Explanation.* The FAA issues advisory circulars to inform the aviation public in a systematic way of nonregulatory material of interest. Unless incorporated into a regulation by reference, the contents of an advisory circular are not binding on the public. Advisory circulars are issued in a numbered-subject system corresponding to the subject areas in the recodified Federal Aviation Regulations (14 CFR Ch. I). This checklist is issued triannually listing all current circulars and now includes information concerning the status of the Federal Aviation Regulations.

3. *The Circular Numbering System.*

a. *General.* The advisory circular numbers relate to the subchapter titles and correspond to the Parts, and when appropriate, the specific sections of the Federal Aviation Regulations. Circulars of a general nature bear a number corresponding to the number of the general subject (subchapter) in the FAR's.

b. *Subject numbers.* The general subject matter areas and related numbers are as follows:

Subject Number and Subject Matter

00	General.
10	Procedural.
20	Aircraft.
60	Airmen.
70	Airspace.
90	Air Traffic Control and General Operations.
120	Air Carrier and Commercial Operators and Helicopters.
140	Schools and Other Certified Agencies.
150	Airports.
170	Air Navigational Facilities.
180	Administrative.
210	Flight Information.

c. *Breakdown of subject numbers.* When the volume of circulars in a general series warrants a subsubject breakdown, the general number is followed by a slash and a subsubject number. Material in the 150, Airports, series is issued under the following subsubjects:

Number and Subject

150/1900	Defense Readiness Program.
150/4000	Resource Management.
150/5000	Airport Planning.
150/5100	Federal-aid Airport Program.
150/5150	Surplus Airport Property Conveyance Programs.
150/5190	Airport Compliance Program.
150/5200	Airport Safety—General.
150/5210	Airport Safety Operations (Recommended Training, Standards, Manning).

150/5220	Airport Safety Equipment and Facilities.
150/5230	Airport Ground Safety System.
150/5240	Civil Airports Emergency Preparedness.
150/5300	Design, Construction, and Maintenance—General.
150/5320	Airport Design.
150/5325	Influence of Aircraft Performance on Aircraft Design.
150/5335	Runway, Taxiway, and Apron Characteristics.
150/5340	Airport Visual Aids.
150/5345	Airport Lighting Equipment.
150/5360	Airport Buildings.
150/5370	Airport Construction.
150/5380	Airport Maintenance.
150/5390	Heliports.

d. *Individual circular identification numbers.* Each circular has a subject number followed by a dash and a sequential number identifying the individual circular. This sequential number is not used again in the same subject series. Revised circulars have a letter A, B, C, etc., after the sequential number to show complete revisions. Changes to circulars have CH 1, CH 2, CH 3, etc., after the identification number on pages that have been changed. The date on a revised page is changed to the effective date of the change.

4. *The Advisory Circular Checklist.*

a. *General.* Each circular issued is listed numerically within its subject-number breakdown. The identification number (AC 120-1), the change number of the latest change, if any, to the right of the identification number, the title, and the effective date for each circular are shown. A brief explanation of the contents is given for each listing.

b. *Omitted numbers.* In some series sequential numbers omitted are missing numbers, e.g., 00-8 through 00-11 have not been used although 00-7 and 00-12 have been used. These numbers are assigned to advisory circulars still in preparation which will be issued later or were assigned to advisory circulars that have been canceled.

c. *Free and sales circulars.* This checklist contains advisory circulars that are for sale as well as those distributed free of charge by the Federal Aviation Administration. Please use care when ordering circulars to ensure that they are ordered from the proper source.

d. *Internal directives for sale.* A list of certain internal directives sold by the Superintendent of Documents is shown at the end of the checklist. These documents are not identified by advisory circular numbers, but have their own directive numbers.

5. *How to get circulars.*

a. When a price is listed after the description of a circular, it means that this circular is for sale by the Superintendent of Documents. When (Sub.) is included with the price, the advisory circular is available on a subscription basis only. After your subscription has been entered by the Superintendent of Documents, supplements or changes to the basic document will be provided automatically at no additional charge until

the subscription expires. When no price is given, the circular is distributed free of charge by FAA.

b. Request free advisory circulars shown without an indicated price from:

Department of Transportation, Distribution Unit, TAD 484.3, Washington, D.C. 20590.

NOTE: Persons who want to be placed on FAA's mailing list for future circulars should write to the above address. Be sure to identify the subject matter desired by the subject numbers and titles shown in paragraph 3b because separate mailing lists are maintained for each advisory circular subject series. Checklists and circulars issued in the general series will be distributed to every addressee on each of the subject series lists. Persons requesting more than one subject classification may receive more than one copy of related circulars and this checklist because they will be included on more than one mailing list. Persons already on the distribution list for AC's and changes to FAR's will automatically receive related circulars.

c. Order advisory circulars and internal directives with purchase price given from:

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402;

or from any of the following bookstores located throughout the United States:

GPO Bookstore, Federal Building, Room 1023, 450 Golden Gate Avenue, San Francisco, CA 94102.
GPO Bookstore, Federal Office Building, Room 1463, 14th Floor, 219 South Dearborn Street, Chicago, IL 60604.
GPO Bookstore, Federal Building, 300 North Los Angeles Street, Los Angeles, CA 90012.
GPO Bookstore, Federal Building, Room 185, 601 East 12th Street, Kansas City, MO 64106.
GPO Bookstore, Room G25, John F. Kennedy Federal Building, Sudbury Street, Boston, MA 02203.
GPO Bookstore, Room 110, 26 Federal Plaza, New York, NY 10007.
GPO Bookstore, Federal Building, U.S. Courthouse, Room 1421, 1961 Stout Street, Denver, CO 80202.
GPO Bookstore, Room 1C46, Federal Building, U.S. Courthouse, 1100 Commerce Street, Dallas, TX 75202.
GPO Bookstore, Room 100, Federal Building, 275 Peachtree Street NE., Atlanta, GA 30303.
GPO Bookstore, Room 102A, 2121 Building, 2121 Eighth Avenue North, Birmingham, AL 35203.
GPO Bookstore, Federal Office Building, 201 Cleveland Avenue SW., Canton, OH 44702.
GPO Bookstore, Room 1015, Federal Office Building, 300 North Los Angeles Street, Los Angeles, CA 90012.

Send check or money order with your order to the Superintendent of Documents. Make the check or money order payable to the Superintendent of Documents in the amounts indicated in the list. Order for mailing to foreign countries should include an additional amount of 25 percent of the total price to cover postage. No c.o.d. orders are accepted.

6. *Reproduction of Advisory Circulars.* Advisory circulars may be reproduced in their entirety or in part without permission from the Federal Aviation Administration.

7. **Cancellations.** The following advisory circulars are canceled:

- AC 00-2V *Advisory Circular Checklist, 8-15-72.* Canceled by AC 00-2W, *Advisory Circular Checklist, 12-15-72.*
- AC 20-6R *U.S. Civil Aircraft Register, 1-1-72.* Canceled by AC 20-6S, *U.S. Civil Aircraft Register, 7-1-72.*
- AC 20-7H *General Aviation Inspection Aids, Summary, August 1971.* Canceled by AC 20-7J, *General Aviation Inspection Aids, Summary, August 1972.*
- AC 20-17A *Surplus Aircraft of the Armed Forces, 3-7-72.* Canceled by AC 20-17B, *Surplus Aircraft of the Armed Forces, 10-11-72.*
- AC 20-36A *Index of Materials, Parts, and Appliances Certified Under the Technical Standard Order System—March 1, 1966.* Canceled by AC 20-36B, *Index of Materials, Parts, and Appliances Certified Under the Technical Standard Order System—July 1, 1972, 10-24-72.*
- AC 20-67 *Airborne VHF Communication System Installations, 3-6-70.* Canceled by AC 20-67A, *Airborne VHF Communication System Installations, 10-17-72.*
- AC 20-79 *National Seminar—Quality Assurance Systems Analysis Review (QASAR) Program, 7-19-72.* Canceled.
- AC 20-80 *The Eighth Annual FAA International Aviation Maintenance Symposium, 9-7-72.* Canceled.
- AC 21.303-1 *Replacement and Modification Parts, 3-2-68.* Canceled by AC 21.303-1A, *Certification Procedures for Products and Parts, 8-10-72.*
- AC 23-1 *Type Certification Spin Test Procedures, 4-1-64.* Canceled.
- AC 33-2 *Aircraft Engine Type Certification Handbook, 3-30-66.* Canceled by AC 33-2A, *Aircraft Engine Type Certification Handbook, 6-5-72.*
- AC 39-6B *Summary of Airworthiness Directives, 5-20-70.* Canceled by AC 39-6C, *Summary of Airworthiness Directives, 8-29-72.*
- AC 61-8B *Instrument Rating (Airplane) Written Test Guide, 4-24-69.* Canceled by AC 61-8C, *Instrument Rating (Airplane) Written Test Guide, 5-31-72.*
- AC 61-12D *Student Pilot Guide, 7-16-70.* Canceled by AC 61-12E, *Student Pilot Guide, 3-10-72.*
- AC 61-30 *Flight Test Guide—Gyroplane, Commercial Pilot, 2-8-66.* Canceled by AC 61-30A, *Flight Test Guide—Gyroplane, Private and Commercial, 3-23-72.*
- AC 61-31 *Gyroplane Pilot Examination Guide, Private and Commercial, 2-9-66.* Canceled by AC 61-31A, *Gyroplane Pilot Written Test Guide Private and Commercial, 6-9-72.*
- AC 61-32 *Private Pilot Written Examination Guide, 8-15-67.* Canceled by AC 61-32A, *Private Pilot Written Test Guide, 12-1-71.*
- AC 61.117-1C *Flight Test Guide—Commercial Pilot, Airplane, 2-7-69.* Canceled by AC 61.117-1D, *Flight Test Guide—Commercial Pilot, Airplane, 2-14-72.*
- AC 65-2A *Airframe and Powerplant Mechanics Certification Guide, 10-12-67.* Canceled by AC 65-2B, *Airframe and Powerplant Mechanics Certification Guide, 11-4-71.*
- AC 65-16 *The Eighth Annual FAA International Aviation Maintenance Symposium, 3-20-72.* Canceled.
- AC 70/7460-1A *Obstruction Marking and Lighting, 1-1-72.* Canceled by AC 70/7460-1B, *Obstruction Marking and Lighting, 10-1-72.*
- AC 90-42 *Traffic Advisory Practices at Nontower Airports, 12-9-68.* Canceled by AC 90-42A, *Traffic Advisory Practices at Nontower Airports, 8-16-72.*

- AC 90-44 *Airport Ground Operations During Low Visibility Conditions, 4-25-69.* Canceled.
- AC 120-26B *Civil Aircraft Operator Designators, 5-11-71.* Canceled by AC 120-26C, *Civil Aircraft Operator Designators, 9-28-72.*
- AC 140-2F *List of Certificated Pilot Flight and Ground Schools, 7-9-71.* Canceled by AC 140-2G, *List of Certificated Pilot Flight and Ground Schools, 9-13-72.*
- AC 147-2J *Directory of FAA Certificated Aviation Maintenance Technician Schools, 2-4-72.* Canceled by AC 147-2K, *Directory of FAA Certificated Aviation Maintenance Technician Schools, 10-14-72.*
- AC 150/5000-3 *Address List for Regional Airports Divisions and Airport District Offices, 2-29-72.* Canceled by AC 150/5000-3A, *Address List for Regional Airports Divisions and Airport District Offices, 7-13-72.*
- AC 150/5190-3 *Model Airport Zoning Ordinance, 1-16-67.* Canceled by AC 150/5190-3A, *Model Airport Hazard Zoning Ordinance, 9-19-72.*
- AC 150/5300-7A *FAA Policy on Facility Relocations Occasioned by Airport Improvements or Changes, 9-27-71.* Canceled by AC 150/5300-7B, *FAA Policy on Facility Relocations Occasioned by Airport Improvements or Changes, 11-8-72.*
- AC 150/5325-6 *Effects of Jet Blast, 4-15-65.* Canceled by AC 150/5325-6A, *Airport Design Standards—Effects and Treatment of Jet Blast, 7-13-72.*
- AC 150/5345-37B *FAA Specification L-850, Light Assembly Airport Runway Centerline and Touchdown Zone, 1-8-68.* Canceled by AC 150/5345-37C, *FAA Specification L-850, Light Assembly Airport Runway Centerline and Touchdown Zone, 6-27-72.*

8. **Additions.** The following advisory circulars are added to the list:

- AC 00-2W *Advisory Circular Checklist (12-15-72).*
- AC 00-35 *Emergency Locator Transmitters—Operational and Maintenance Practices (10-27-72).*
- AC 20-6S *U.S. Civil Aircraft Register (7-1-72).*
- AC 20-7J *General Aviation Inspection Aids, Summary (August 1972).*
- AC 20-7J Supplement 1, *General Aviation Inspection Aids (September 1972).*
- AC 20-7J Supplement 2, *General Aviation Inspection Aids (October 1972).*
- AC 20-7J Supplement 3, *General Aviation Inspection Aids (November 1972).*
- AC 20-7J Supplement 4, *General Aviation Inspection Aids (December 1972).*
- AC 20-17B *Surplus Aircraft of the Armed Forces (10-11-72).*
- AC 20-36B *Index of Materials, Parts, and Appliances Certified Under the Technical Standard Order System—July 1, 1972 (10-24-72).*
- AC 20-59 *Ch-1 Maintenance Inspection Notes for Convair 240, 340/440, 240T, and 340T Series Aircraft (8-24-72).*
- AC 20-78 *Maintenance Inspection Notes for McDonnell Douglas DC-8 Series Aircraft (7-11-72).*
- AC 21.303-1A *Certification Procedures for Products and Parts (8-10-72).*
- AC 33-2A *Aircraft Engine Type Certification Handbook (6-5-72).*
- AC 39-6C *Summary of Airworthiness Directives (8-29-72).*
- AC 43.13-2 *Ch-12 Acceptable Methods, Techniques, and Practices—Aircraft Alterations (7-26-72).*
- AC 45-2 *Identification and Registration Marking (7-7-72).*
- AC 61-8C *Instrument Rating (Airplane) Written Test Guide (5-31-72).*

- AC 61-12E *Student Pilot Guide (3-10-72).*
- AC 61-30A *Flight Test Guide—Gyroplane, Private and Commercial (3-23-72).*
- AC 61-31A *Gyroplane Pilot Written Test Guide, Private and Commercial (6-9-72).*
- AC 61-32A *Private Pilot Written Test Guide (12-1-71).*
- AC 61-52 *1972 Flight Instructor of the Year Award Program (8-24-72).*
- AC 61-53 *Crediting of second-in-command Pilot Time Toward the Flight Experience Requirements for Airline Transport Pilot Certificate (8-29-72).*
- AC 61.117-1D *Flight Test Guide—Commercial Pilot, Airplane (2-14-72).*
- AC 65-2B *Airframe and Powerplant Mechanics Certification Guide (11-4-72).*
- AC 65-15 *Airframe and Powerplant Mechanics Airframe Handbook (9-18-72).*
- AC 70/7460-1B *Obstruction Marking and Lighting (10-1-72).*
- AC 90-42A *Traffic Advisory Practices at Nontower Airports (8-16-72).*
- AC 90-61 *Practice Instrument Approaches (6-12-72).*
- AC 91-34 *Model Aircraft Operating Standards (7-1-72).*
- AC 91-36 *VFR Flight Near Noise-Sensitive Areas (8-7-72).*
- AC 120-26C *Civil Aircraft Operator Designators (9-28-72).*
- AC 120-29 *Ch-1 Criteria for Approving Category I and Category II Landing Minima for FAR 121 Operators (7-26-72).*
- AC 140-2G *List of Certificated Pilot Flight and Ground Schools (9-13-72).*
- AC 147-2K *Directory of FAA Certificated Aviation Maintenance Technician Schools (10-14-72).*
- AC 150/5000-3A *Address List for Regional Airports Divisions and Airport District Offices (7-13-72).*
- AC 150/5100-9 *Engineering Services Under the Airport Development Aid Program (ADAP) (7-1-72).*
- AC 150/5190-2A *Ch-1 Exclusive Rights at Airports (10-2-72).*
- AC 150/5190-3A *Model Airport Hazard Zoning Ordinance (9-19-72).*
- AC 150/5300-7B *FAA Policy on Facility Relocations Occasioned by Airport Improvements or Changes (11-8-72).*
- AC 150/5325-6A *Airport Design Standards—Effects and Treatment of Jet Blast (7-13-72).*
- AC 150/5345-37C *FAA Specification L-850, Light Assembly Airport Runway Centerline and Touchdown Zone (6-27-72).*

ADVISORY CIRCULAR CHECKLIST

Notice

Superintendent of Documents catalogue numbers have been included to aid Superintendent of Documents personnel in processing orders. Please use them when ordering—along with the title and FAA number. To avoid unnecessary delays, do not order single-sales material and subscription-sales material on the same order form, as orders are separated for processing by different departments when they arrive at Superintendent of Documents.

General

SUBJECT NO. 00

00-1 *The Advisory Circular System (12-4-62).*

Describes the FAA Advisory Circular System.

00-2W *Advisory Circular Checklist (12-15-72).*

Transmits the revised checklist of current FAA advisory circulars and the status of the Federal Aviation Regulations as of 12-15-72.

00-6 Aviation Weather (5-20-65).

Provides an up-to-date and expanded text for pilots and other flight operations personnel whose interest in meteorology is primarily in its application to flying. Reprinted 1969. (\$4 GPO.) FAA 5.8/2: W 37.

00-7 State and Regional Defense Airlift Planning (4-30-64).

Provides guidance for the development of plans by the FAA and other Federal and State agencies for the use of non-air-carrier aircraft during an emergency.

00-7 CH 1 State and Regional Defense Airlift Planning (1-5-65).

Provides an example of a State Plan for the Emergency Management of Resources in Appendix 4, and adds new Appendix 9.

00-7 CH 2 State and Regional Defense Airlift Planning (2-20-67).

Revises Appendix 6, SCATANA.

00-14 Flights by U.S. Pilots Into and Within Canada (4-16-65).

Provides information concerning flights into and within Canada.

00-15 Potential Hazard Associated With Passengers Carrying "Anti-Mugger" Spray Devices (8-20-65).

Advises aircraft operators, crewmembers, and others who are responsible for flight safety, of a possible hazard to flight should a passenger inadvertently or otherwise discharge a device commonly known as an "anti-mugger" spray device in the cabin of an aircraft.

00-17 Turbulence in Clear Air (12-16-65).

Provides information on atmospheric turbulence and wind shear, emphasizing important points pertaining to the common causes of turbulence, the hazards associated with it, and the conditions under which it is most likely to be encountered.

00-21 Shoulder Harness (10-5-66).

Provides information concerning the installation and use of shoulder harnesses by pilots in general aviation aircraft.

00-23C Near Midair Collision Reporting (1-20-72).

Advises that the FAA policy on the reporting of near midair collisions, made effective in 1968 (32 F.R. 16539) and continued in effect since that time, will terminate on December 31, 1971, and advises how the reports will be handled after December 31, 1971.

00-24 Thunderstorms (6-12-68).

Contains information concerning flights in or near thunderstorms.

00-25 Forming and Operating a Flying Club (3-24-69).

Provides preliminary information that will assist anyone or any group of people interested in forming and operating a flying club (\$0.35 GPO.) TD 4.8:F 67.

00-26 Definitions of "U.S. National Aviation Standards" (1-22-69).

Informs the aviation community of the approval by the FAA Administrator of a definition of U.S. National Aviation Standards, the need for such standards, and their relationship to the Federal Aviation Regulations.

00-27 U.S. National Standard for the IFF Mark X (SIF) Air Traffic Control Radar Beacon System Characteristics (ATCRBS) (1-24-69).

Informs the aviation community of the approval by the FAA Administrator of the U.S. National Aviation Standard for the ATCRBS.

00-28 Communications Interference Caused by Sticking Microphone Buttons (8-6-69).

Alerts the industry of communications interference from undesired radiofrequency transmissions.

00-29 Airborne Automatic Altitude Reporting Systems (12-9-69).

Provides information regarding the nature and extent of erroneous altitude reporting systems.

00-30 Rules of Thumb for Avoiding or Minimizing Encounters with Clear Air Turbulence (3-5-70).

Brings to the attention of pilots and other interested personnel, the "Rule of Thumb" for avoiding or minimizing encounters with clear air turbulence (CAT).

00-31 U.S. National Aviation Standard for the VORTAC System (6-10-70).

Informs the aviation community of the establishment and content of the U.S. National Aviation Standard for the VORTAC (VOR-TACAN-DME) System.

00-32 Civil Air Patrol and State and Regional Defense Airlift Relationships (7-2-70).

Advises interested persons of the Memorandum of Understanding between CAP and FAA, and provides additional guidance to further improve the use of non-air carrier aircraft in time of national emergency.

00-33 Nickel-Cadmium Battery Operational, Maintenance, and Overhaul Practices (8-26-71).

Provides guidelines for more reliable nickel-cadmium battery operation through sound operational and maintenance practices.

00-34 Aircraft Ground Handling and Servicing (4-12-72).

Contains information and guidance for the servicing and ground handling of aircraft.

00-35 Emergency Locator Transmitters—Operational and Maintenance Practices (10-27-72).

Provides guidelines relative to the licensing, installation, maintenance, and testing of emergency locator transmitters (ELT).

Procedural**SUBJECT NO. 10*****11-1 Airspace Rule-Making Proposals and Changes to Air Traffic Control Procedures (10-28-64).**

Emphasizes the need for the early submission of proposals involving airspace rule-making activity or changes to existing procedures for the control of air traffic.

Aircraft**SUBJECT NO. 20****20-3B Status and Availability of Military Handbooks and ANC Bulletins for Aircraft (5-12-69).**

Announces the status and availability of Military Handbooks and ANC Bulletins prepared jointly with FAA.

20-5B Plane Sense (1970)

Provides general aviation information for the private aircraft owner.

20-6S U.S. Civil Aircraft Register (7-1-72).

Lists all active U.S. civil aircraft by registration number. (\$10 GPO.) TD 4.18/2:970.

20-7J General Aviation Inspection Aids, Summary (August 1972).

Provides the aviation community with a uniform means for interchanging service experience that may improve the durability and safety of aeronautical products. Of value to mechanics, operators of repair stations, and others engaged in the inspection, maintenance, and operation of aircraft in general. (\$5, \$6.25 foreign—Sub. GPO.) TD 4.409:9720.

20-7J Supplement 1 (September 1972).**20-7J Supplement 2 (October 1972).****20-7J Supplement 3 (November 1972).****20-7J Supplement 4 (December 1972).****20-9 Personal Aircraft Inspection Handbook (12-2-64).**

Provides a general guide, in simple, nontechnical language, for the inspection of aircraft. Reprinted 1972. (\$1.50 GPO.) FAA 5.8/2:AI 7/2.

20-10 Approved Airplane Flight Manuals for Transport Category Airplanes (7-30-63).

Calls attention to the regulatory requirements relating to FAA Approved Airplane Flight Manuals.

20-13A Surface-Effect Vehicles (8-28-64).

States FAA policy on surface-effect vehicles (vehicles supported by a cushion of compressed air).

20-17B Surplus Aircraft of the Armed Forces (10-11-72).

Sets forth the method of obtaining copies of Federal Aviation Regulations which might be required for certification of surplus military aircraft.

20-18A Qualification Testing of Turbojet Engine Thrust Reversers (3-16-66).

Discusses the requirements for the qualification of thrust reversers and sets forth an acceptable means of compliance with the tests prescribed in Federal Aviation Regulations, Part 33, when run under nonstandard ambient air conditions.

20-20A Flammability of Jet Fuels (4-9-65).

Gives information on the possibility of combustion of fuel in aircraft fuel tanks.

20-23D Interchange of Service Experience—Mechanical Difficulties (2-12-71).

Provides information on the voluntary exchange service experience data used in improving durability and safety of aeronautical products.

20-24A Qualification of Fuels, Lubricants, and Additives (4-1-67).

Establishes procedures for the approval of the use of subject materials in certificated aircraft.

20-27B Certification and Operation of Amateur-Built Aircraft (4-20-72).

Provides information and guidance concerning certification and operation of amateur-built aircraft, including gliders, free balloons, helicopters, and gyroplanes, and sets forth an acceptable means, not the sole means, of compliance with FAR Part 21 and FAR Part 91.

20-28 Nationally Advertised Aircraft Construction Kits (8-7-64).

Explains that using certain kits could render the aircraft ineligible for the issuance of an experimental certificate as an amateur-built aircraft.

20-29B Use of Aircraft Fuel Anti-icing Additives (1-18-72).

Provides information on the use of anti-icing additives PFA-55MB and MIL-I-27686 as an acceptable means of compliance with the FARs that require assurance of continuous fuel flow under conditions where ice may occur in turbine aircraft fuel systems.

20-30A Airplane Position Lights and Supplementary Lights (4-18-68).

Provides an acceptable means for complying with the position light requirements for airplane airworthiness and acceptable criteria for the installation of supplementary lights on airplanes.

20-32A Carbon Monoxide (CO) Contamination in Aircraft—Detection and Prevention (9-13-68).

Informs aircraft owners, operators, maintenance personnel, and pilots of the potential dangers of carbon monoxide contamination and discusses means of detection and procedures to follow when contamination is suspected.

20-33 Technical Information Regarding Civil Aeronautics Manuals 1, 3, 4a, 4b, 5, 6, 7, 8, 9, 10, 13, and 14 (2-8-65).

Advises the public that policy information contained in the subject Civil

Aeronautics Manuals may be used in conjunction with specific sections of the Federal Aviation Regulations.

20-34A Prevention of Retractable Landing Gear Failures (4-21-69).

Provides information and suggested procedures to minimize landing accidents involving aircraft having retractable landing gear.

20-35B Tie-Down Sense (4-19-71).

Provides information of general use on aircraft tie-down techniques and procedures.

20-36B Index of Materials, Parts, and Appliances Certified Under the Technical Standard Order System—July 1, 1972 (10-24-72).

Lists the materials, parts, and appliances for which the Administrator has received statements of conformance under the Technical Standard Order system as of July 1, 1972. Such products are deemed to have met the requirements for FAA approval as provided in Part 37 of the Federal Aviation Regulations.

20-37A Aircraft Metal Propeller Blade Failure (4-4-69).

Provides information and suggested procedures to increase service life and to minimize blade failures of metal propellers.

20-38A Measurement of Cabin Interior Emergency Illumination in Transport Airplanes (2-8-66).

Outlines acceptable methods, but not the only methods, for measuring the cabin interior emergency illumination on transport airplanes, and provides information as to suitable measuring instruments.

20-39 Installation Approval of Entertainment Type Television Equipment in Aircraft (7-15-65).

Presents an acceptable method (but not the only method) by which compliance may be shown with Federal Aviation Regulations 23.1431, FAR 25.1309(b), FAR 27.1309(b), or FAR 29.1309(b), as applicable.

20-40 Placards for Battery-Excited Alternators Installed in Light Aircraft (8-11-65).

Sets forth an acceptable means of complying with placarding rules in Federal Aviation Regulations 23 and 27 with respect to battery-excited alternator installations.

20-41 Replacement TSO Radio Equipment in Transport Aircraft (8-30-65).

Sets forth an acceptable means for complying with rules governing transport category aircraft installations in cases involving the substitution of technical standard order radio equipment for functionally similar radio equipment.

20-42 Hand Fire Extinguishers in Transport Category Airplanes and Rotorcraft (9-1-65).

Sets forth acceptable means (but not the sole means) of compliance with cer-

tain hand fire extinguisher regulations in FAR 25 and FAR 29, and provides related general information.

20-43B Aircraft Fuel Control (6-8-71).

Alerts the aviation community to the potential hazards of inadvertent mixing or contamination of turbine and piston fuels, and provides recommended fuel control and servicing procedures.

20-44 Glass Fiber Fabric for Aircraft Covering (9-3-65).

Provides a means, but not the sole means, for acceptance of glass fiber fabric for external covering of aircraft structure.

20-45 Safeguarding of Turnbuckles on Civil Aircraft (9-17-65).

Provides information on turnbuckle safeguarding methods that have been found acceptable by the FAA during past aircraft type certification programs.

20-46 Suggested Equipment for Gliders Operating Under IFR (9-23-65).

Provides guidance to glider operators on how to equip their gliders for operation under instrument flight rules (IFR), including flight through clouds.

20-47 Exterior Colored Band Around Exits on Transport Airplanes (2-8-66).

Sets forth an acceptable means, but not the only means, of complying with the requirement for a 2-inch colored band outlining exits required to be openable from the outside on transport airplanes.

20-48 Practice Guide for Decontaminating Aircraft (5-5-66).

The title is self-explanatory.

20-49 Analysis of Bird Strike Reports on Transport Category Airplanes (7-27-66).

Provides the results of a statistical study on the frequency of collisions of birds with transport aircraft and the resulting damages.

20-51 Procedures for Obtaining FAA Approval of Major Alterations to Type Certificated Products (4-12-67).

Provides assistance to persons who desire to obtain FAA approval of major alterations to type certificated products.

20-52 Maintenance Inspection Notes for Douglas DC-6/7 Series Aircraft (8-24-67).

Describes maintenance inspection notes which can be used for the maintenance support of certain structural parts of DC-6/7 series aircraft.

20-53 Protection of Aircraft Fuel System Against Lightning (10-6-67).

Sets forth acceptable means, not the sole means, by which compliance may be shown with fuel system lightning protection airworthiness regulations.

20-54 Hazards of Radium-Activated Luminous Compounds Used on Aircraft Instruments (10-24-67).

Provides information concerning health hazards associated with the repair

and maintenance of instruments containing luminous markings activated with radium-226 or radium-228 (mesothorium).

20-55 Turbine Engine Overhaul Standard Practices Manual—Maintenance of Fluorescent Penetrant Inspection Equipment (1-22-68).

Advises operators of the necessity for periodic checking of black light lamps and filters used during fluorescent penetrant inspection of engine parts.

20-56 Marking of TSO-C72a Individual Flotation Devices (1-19-68).

Outlines acceptable methods for marking individual flotation devices which also serve as seat cushions.

20-57A Automatic Landing Systems (ALS) (1-12-71).

Sets forth an acceptable means of compliance, but not the only means, for the installation approval of automatic landing systems in transport category aircraft which may be used initially in Category II operations. Approval of these aircraft for use under such conditions will permit the accumulation of data for systems which may be approved for Category IIIa in the future.

20-58A Acceptable Means of Testing Automatic Altitude Reporting Equipment for Compliance With FAR 91.36(b) (4-28-59).

Title is self-explanatory.

20-59 Maintenance Inspection Notes for Convair 240, 340/440, 240T, and 340T Series Aircraft (2-19-68).

Describes maintenance inspection notes which can be used for the maintenance support of certain structural parts of Convair 240, 340/440, 240T, and 340T series aircraft.

20-59 CH-1 (8-24-72).

Provides additional material for Convair Models 240 and 600/240D; Models 340/440 and 640/340D/440D series aircraft Maintenance inspection programs.

20-60 Accessibility to Excess Emergency Exits (7-18-68).

Sets forth acceptable means of compliance with the "readily accessible" provisions in the Federal Aviation Regulations dealing with excess emergency exits.

20-61 Nondestructive Testing for Aircraft (May 1969).

Reviews the basic principles underlying nondestructive testing. (\$0.45 GPO.) TD 4.8:T28

20-62A Eligibility, Quality, and Identification of Approved Aeronautical Replacement Parts (6-16-70).

Provides information relative to the determination of the eligibility of aeronautical parts and materials for installation on certificated aircraft.

20-63 Airborne Automatic Direction Finder Installations (Low and Medium Frequency) (7-7-69).

Sets forth one means, but not the only means, of demonstrating com-

pliance with the airworthiness rules governing the functioning of airborne automatic direction finders. It does not pertain to installations previously approved.

20-64 Maintenance Inspection Notes for Lockheed L-188 Series Aircraft (8-1-69).

Describes maintenance inspection notes which can be used for the maintenance support of certain structural parts of Lockheed L-188 series aircraft.

20-65 U.S. Airworthiness Certificates and Authorizations for Operation of Domestic and Foreign Aircraft (8-11-69).

Provides general information and guidance concerning issuance of airworthiness certificates for U.S. registered aircraft, and issuance of special flight authorizations for operation in the United States of foreign aircraft not having standard airworthiness certificates issued by the country of registry.

20-66 Vibration Evaluation of Aircraft Propellers (1-29-70).

Outlines acceptable means, but not the sole means, for showing compliance with the requirements of the FARs concerning propeller vibration.

20-67A Airborne VHF Communication System Installations (10-17-72).

Sets forth one means, but not the only means of demonstrating compliance with the airworthiness rules governing the functioning of airborne VHF communication systems.

20-68 Recommended Radiation Safety Precautions for Airborne Weather Radar (3-11-70).

Sets forth recommended radiation safety precautions for ground operation of airborne weather radar.

20-69 Conspicuity of Aircraft Instrument Malfunction Indicators (5-14-70).

Provides design guidance information on methods of improving conspicuity of malfunction indication devices.

20-71 Dual Locking Devices on Fasteners (12-8-70).

Provides guidance and acceptable means, not the sole means, by which compliance may be shown with the requirements for dual locking devices on removable fasteners installed in rotocraft and transport category airplanes.

20-72 Restricted Category Helicopter Maximum Weight Increases (3-11-71).

Provides assistance to persons who desire to obtain FAA approval of overmaximum certificated takeoff weight condition for restricted category helicopter operations.

20-73 Aircraft Ice Protection (4-21-71).

Provides information relating to the substantiation of ice protection systems on aircraft.

20-74 Aircraft Position and Anticollision Light Measurements (7-29-71).

Contains useful information concerning measurements for intensity, covering and color of aircraft position and anticollision lights.

20-76 Maintenance Inspection Notes for Boeing B-707/720 Series Aircraft (10-21-71).

Provides maintenance inspection notes which can be used for the maintenance support program for certain structural parts of the B-707/720 series aircraft.

20-77 Use of Manufacturers' Maintenance Manuals (3-22-72).

Inform owners and operators about the usefulness of manufacturers' maintenance manuals for servicing, repairing, and maintaining aircraft, engines, and propellers.

20-78 Maintenance Inspection Notes for McDonnell Douglas DC-8 Series Aircraft (7-11-72).

Provides maintenance inspection notes which can be used for the maintenance support program for certain structural parts of the DC-8 series aircraft.

21-1A Production Certificates (7-9-71).

Provides information concerning Subpart G of Federal Aviation Regulations (FAR) Part 21, and sets forth acceptable means of compliance with its requirements.

21-2B Export Airworthiness Approval Procedures (10-2-69).

Announces the adoption of new regulations and provides guidance to the public regarding the issuance of export airworthiness approvals for aeronautical products to be exported from the United States.

21-2B CH 1 (11-13-70).

21-2B CH 2 (2-8-71).

21-3 Basic Glider Criteria Handbook (1962).

Provides individual glider designers, the glider industry, and glider operating organizations with guidance material that augments the glider airworthiness certification requirements of the Federal Aviation Regulations. Reprinted 1969. (\$1 GPO.) FAA 5.8/2:G49/962.

21-4B Special Flight Permits for Operation of Overweight Aircraft (7-30-69).

Furnishes guidance concerning special flight permits necessary to operate an aircraft in excess of its usual maximum certificated takeoff weight.

21-5B Summary of Supplemental Type Certificates (Announcement of Availability) (2-10-71).

Announces the availability to the public of a new edition of the Summary of Supplemental Type Certificates (SSTC), dated January 1971.

21-6 Production Under Type Certificate Only (5-26-67).

Provides information concerning Subpart F of FAR Part 21, and sets forth

examples, when necessary, of acceptable means of compliance with its requirements.

21-7A Certification and Approval of Import Products (11-24-69).

Provides guidance and information relative to U.S. certification and approval of import aircraft, aircraft engines and propellers that are manufactured in a foreign country with which the United States has an agreement for the acceptance of those products for export and import.

21-8 Aircraft Airworthiness; Restricted Category: Certification of Aircraft With Uncertificated or Altered Engines or Propellers (5-21-69).

Sets forth acceptable means of substantiating that uncertificated or altered engines and propellers have no unsafe features for type certification of aircraft in the restricted category.

21-9 Manufacturers Reporting Failures, Malfunctions, or Defects (12-30-70).

Provides information to assist manufacturers of aeronautical products (aircraft, aircraft engines, propellers, appliances, and parts) in notifying the Federal Aviation Administration of certain failures, malfunctions, or defects, resulting from design or quality control problems, in the products which they manufacture.

21-10 Flight Recorder Underwater Locating Device (5-20-71).

Provides one acceptable means (not the only means) of showing compliance with the underwater locating device requirements of FAR 25.1459 and FAR 121.343.

21-11 Quality Assurance Systems Analysis Review (QASAR) Program Manufacturers/Suppliers (5-26-72).

Explains the objectives and concept of the FAA's subject program.

21.25-1 Use of Restricted Category Airplanes for Glider Towing (4-20-65).

Announces that glider towing is now considered to be a special purpose for type and airworthiness certification in the restricted category.

21.303-1A Certification Procedures for Products and Parts (8-10-72).

Provides information concerning section 21.303 of Federal Aviation Regulations, Part 21, and to set forth examples, as necessary, of acceptable means of compliance with its requirements.

23.1329-1 Automatic Pilot Systems Approval (Non-Transport) (12-23-65).

Sets forth an acceptable means by which compliance with the automatic pilot installation requirements of FAR 23.1329 may be shown.

25-2 Extrapolation of Takeoff and Landing Distance Data Over a Range of Altitude for Turbine-Powered Transport Aircraft (7-9-64).

Sets forth acceptable means by which compliance may be shown with the requirements in CAR 4b and SR-422B.

25-4 Inertial Navigation Systems (INS) (2-18-66).

Sets forth an acceptable means for complying with rules governing the installation of inertial navigation systems in transport category aircraft.

25-5 Installation Approval on Transport Category Airplanes of Cargo Unit Load Devices Approved as Meeting the Criteria in NAS 3610 (6-3-70).

Sets forth an acceptable means, but not the sole means, of complying with the requirements of the Federal Aviation Regulations (FAR's) applicable to the installation on transport category airplanes of cargo unit load devices approved as meeting the criteria in NAS 3610.

25.253-1 High-Speed Characteristics (11-24-65).

Sets forth an acceptable means by which compliance may be shown with FAR 25.253 during certification flight tests.

25.253-1 CH 1 (1-10-66).

Provides amended information for the basic advisory circular.

25.981-1A Guidelines for Substantiating Compliance With the Fuel Tank Temperature Requirements (1-20-71).

Sets forth some general guidelines for substantiating compliance with fuel tank temperature airworthiness standards, section 25.981.

25.1329-1A Automatic Pilot System Approval (7-8-68).

Sets forth an acceptable means by which compliance with the automatic pilot installation requirements of FAR 25.1329 may be shown.

25.1457-1A Cockpit Voice Recorder Installations (11-3-69).

Sets forth one acceptable means of compliance with provisions of FAR 25.1457 (b), (e), and (f) pertaining to area microphones, cockpit voice recorder location, and erasure features.

29-1 Approval Basis for Automatic Stabilization Equipment (ASE) Installations in Rotorcraft (12-26-63).

Gives means for compliance with flight requirements in various CAR's.

29-1 CH 1 (3-26-64).

Transmits revised information about the time delay of automatic stabilization equipment.

29.773-1 Pilot Compartment View (1-19-66).

Sets forth acceptable means, not the sole means, by which compliance with FAR 29.773(a) (1), may be shown.

33-1B Turbine-Engine Foreign Object Ingestion and Rotor Blade Containment Type Certification Procedures (4-22-70).

Provides guidance and acceptable means, not the sole means, by which compliance may be shown with the design and construction requirements of Part 33 of the Federal Aviation Regulations.

33-2A Aircraft Engine Type Certification Handbook (6-5-72).

Contains guidance relating to type certification of aircraft engines which will constitute acceptable means, although not the sole means, of compliance with the Federal Aviation Regulations.

33-3 Turbine and Compressor Rotors Type Certification Substantiation Procedures (9-9-68).

Sets forth guidance and acceptable means, not the sole means, by which compliance may be shown with the turbine and compressor rotor substantiation requirements in FAR Part 33.

37-2 Test Procedures for Maximum Allowable Airspeed Indicators (12-9-68).

Provides guidance concerning test procedures which may be used in showing compliance with the standards in FAR 37.145 (TSO-C46a).

37-3 Radio Technical Commission for Aeronautics Document DO-138 (1-10-69).

This circular announces RTCA Document DO-138 and discusses how it may be used in connection with technical standard order authorizations.

39-1A Jig Fixtures; Replacement of Wing Attach Angles and Doublers on Douglas Model DC-3 Series Aircraft Airworthiness Directive 66-18-2 (3-5-70).

Describes methods of determining that jig fixtures used in the replacement of the subject attached angles and doublers meet the requirements of Airworthiness Directive 66-18-2.

39-6C Summary of Airworthiness Directives (8-29-72).

Announces the availability of a new Summary of Airworthiness Directives dated January 1, 1972.

43-1 Matching VHF Navigation Receiver Outputs With Display Indicators (8-2-65).

Alerts industry to the possibility of mismatching outputs, both guidance and flag alarm, of certain VHF navigation receivers when used with some types of display indicators causing the receiver to fail without providing a flag alarm.

43-2 Minimum Barometry for Calibration and Test of Atmospheric Pressure Instruments (9-10-65).

Sets forth guidance material which may be used to determine the adequacy of barometers used in the calibration of aircraft static instruments and presents

information concerning the general operation, calibration, and maintenance of such barometers.

43.9-1B Instruction for Completion of FAA Form 337 (6-27-66).

Provides instructions for completing revised FAA Form 337, Major Repair and Alteration (Airframe, Powerplant, Propeller or Appliance).

43.13-1 Acceptable Methods, Techniques and Practices—Aircraft Inspection and Repair (5-16-66).

Contains methods, techniques, and practices acceptable to the Administrator for inspection and repair to civil aircraft. Published in 1965. (\$3—Sub. GPO.) FAA 5.15:965.

Subscription now includes: Ch. 1 (5-1-67); Ch. 2 (8-9-67); Ch. 3 (1-24-68); Ch. 4 (1-29-68); Ch. 5 (9-20-68); Ch. 6 (5-1-69); Ch. 7 (6-12-69); Ch. 8 (6-11-70 and 10-22-70).

43.13-2 Acceptable Methods, Techniques, and Practices—Aircraft Alterations (4-19-66).

Contains methods, techniques, and practices acceptable to the Administrator in altering civil aircraft. Published in 1965. (\$2—Sub. GPO.) FAA 5.16:965.

Subscription now includes: Ch. 1 (1-12-67); Ch. 2 (5-26-67); Ch. 3 (6-26-67); Ch. 4 (9-12-67); Ch. 5 (11-9-67); Ch. 6 (4-12-68); Ch. 7 (5-12-69); Ch. 8 (10-29-69); Ch. 9 (10-19-70); Ch. 10 (1-20-71); Ch. 11 (8-11-71); Ch. 12 (7-26-72).

43-202 Maintenance of Weather Radar Radomes (6-11-65).

Provides guidance material useful to repair facilities in the maintenance of weather radar radomes.

43-203A Altimeter and Static System Tests and Inspections (6-6-67).

Specifies acceptable methods for testing altimeter and static system. Also, provides general information on test equipment used and precautions to be taken.

45-2 Identification and Registration Marking (7-7-72).

Provides guidance and information concerning the identification and marking requirements of Federal Aviation Regulations (FAR) Parts 21 and 45, and, where considered helpful, to provide an acceptable means, but not the sole means, of compliance with the regulations.

47-1 Aircraft Registration Eligibility, Identification and Activity Report (2-25-70).

Advises owners and operators of U.S. civil aircraft of recent regulatory changes that require the annual submission of current information related to aircraft registration eligibility, and requests similar submission of information related to identification and activity of aircraft; and to call attention to the availability of the reporting form to be used in complying with this regulatory change.

Airmen

SUBJECT No. 60

60-1 Know Your Aircraft (6-12-63).

Describes potential hazards associated with operation of unfamiliar aircraft and recommends good operating practices.

60-2J Annual Aviation Mechanic Safety Awards Program (3-20-72).

Provides the details of the annual Aviation Mechanic Safety Awards Program.

60-4 Pilot's Spatial Disorientation (2-9-65).

Acquaints pilots flying under visual flight rules with the hazards of disorientation caused by the loss of reference with the natural horizon.

60-6 FAA Approved Airplane Flight Manuals, Placards, Listings, Instrument Markings—Small Airplanes (12-13-68).

Alerts pilots to the regulatory requirements relating to the subject and provides information to aid pilots to comply with the provisions of FAR section 91.31.

60-7 Statement of Additional Instruction for Retest (1-27-72).

Announces a new procedure for the use of a computer printed "Statement of Additional Instruction" on each Airman Written Test Report that has an unsatisfactory grade for any section. It explains the statement and strongly recommends its use.

61-1D Aircraft Type Ratings (5-15-72).

Provides designators adopted by the Federal Aviation Administration for aircraft type ratings issued with pilot certificates.

61-2A Private Pilot (Airplane) Flight Training Guide (9-1-64).

Contains a complete private pilot flight training syllabus which consists of 30 lessons. Reprinted in 1972. (\$1.50 GPO.) FAA 5.8/2:P 64/4/964.

61-3B Flight Test Guide—Private Pilot—Airplane—Single Engine (4-2-68).

Assists the private pilot applicant in preparing for his certification flight test. Reprinted in 1969. (\$0.25 GPO.) TD 4.408:P 64/2.

61-4C Multiengine Airplane Class or Type Rating—Flight Test Guide (2-1-71).

Assists the private pilot applicant in preparing for certification or rating flight tests. Reprinted in 1972. (\$0.40 GPO.) TD 4.408:M 91.

61-5A Helicopter Pilot Written Test Guide—Private—Commercial (8-14-67).

Gives guidance to applicants preparing for the aeronautical knowledge requirements for a private or commercial pilot certificate with a helicopter rating.

61-8C Instrument Rating (Airplane) Written Test Guide (5-31-72).

Reflects the current operating procedures and techniques in a background setting appropriate for applicants preparing for the subject test. (\$1.25 GPO.) TD 4.8:In 7/4.

61-9 Pilot Transition Courses for Complex Single-Engine and Light Twin-Engine Airplanes (6-16-64).

Provides training syllabuses and check-out standards for pilots who seek to qualify on additional types of airplanes. Reprinted in 1972. (\$0.20 GPO.) FAA 5.8/2:P 64/7.

61-10 Private and Commercial Pilots Refresher Courses (9-1-64).

Provides a syllabus of ground instruction periods and training lessons. Reprinted in 1969. (\$0.25 GPO.) FAA 5.8/2:P 64/9.

61-11A Airplane Flight Instructor Written Test Guide (9-5-67).

Provides information to prospective airplane flight instructors about certification requirements, application procedures, and reference study materials; a sample examination is presented with explanations of the correct answers. Reprinted in 1969. (\$0.70 GPO.) TD 4.408:In 7.

61-12E Student Pilot Guide (3-10-72).

Provides guidance for prospective student pilots and for those already engaged in their primary flight training, general procedures for obtaining student and private pilot certificates. (\$0.20 GPO.) TD 4.8:P 64/3/970.

61-13 Basic Helicopter Handbook (1-20-66).

Provides detailed information to applicants preparing for private, commercial, and flight instructor pilot certificates with a helicopter rating about helicopter aerodynamics, performance, and flight maneuvers. It will also be useful to certificated helicopter flight instructors as an aid in training students. Reprinted in 1972. (\$1 GPO.) FAA 5.8/2:H 36.

61-14A Flight Instructor Practical Test Guide (10-23-69).

Provides assistance to the certificated pilot in preparing for the practical demonstration required for the issuance of the flight instructor certificate. Reprinted in 1972. (\$0.25 GPO.) TD 4.408:In 7/4.

61-16A Flight Instructor's Handbook (10-14-69).

Gives guidance and information to pilots preparing to apply for flight instructor certificates, and for use as a reference by flight instructors. (\$2 GPO.) Reprinted in 1972. TD 4.408:In 7/3.

61-17B Flight Test Guide—Instrument Pilot Airplane (1-12-72).

Provides assistance for the instrument pilot applicant in preparing for his in-

strument rating flight test. (\$0.25 GPO.) TD 4.408:In 7/2.

61-18C Airline Transport Pilot (Airplane) Written Test Guide (4-19-71).

Reflects current operating procedures and techniques in a background setting appropriate for applicants preparing for the Airline Transport Pilot (Airplane) Written Test. (\$0.75 GPO.) Reprinted in 1972. TD 4.408: P64/3.

61-19 Safety Hazard Associated With Simulated Instrument Flights (12-4-64).

Emphasizes the need for care in the use of any device restricting visibility while conducting simulated instrument flights that may also restrict the view of the safety pilot.

61-21 Flight Training Handbook (1-11-66).

Provides information and direction in the introduction and performance of training maneuvers for student pilots, pilots requalifying or preparing for additional ratings, and flight instructors. Reprinted in 1969. (\$1.25 GPO.) FAA 1.8:P 64/4.

61-23A Pilot's Handbook of Aeronautical Knowledge (7-10-70).

Contains essential, authoritative information used in training and guiding applicants for private pilot certification, flight instructors, and flying school staffs. (\$4 GPO.) TD 4.408:P 64/5.

61-25 Flight Test Guide—Helicopter, Private and Commercial Pilot (12-7-65).

Assists the helicopter pilot applicant in preparing for the certification flight tests; provides information concerning applicable procedures and standards. Published in 1965. (\$0.10 GPO.) FAA 1.8:H 36/2.

61-27B Instrument Flying Handbook (9-22-70).

Provides the pilot with basic information needed to acquire an FAA instrument rating. It is designed for the reader who holds at least a private pilot certificate and is knowledgeable in all areas covered in the "Pilot's Handbook of Aeronautical Knowledge." (\$2.50 GPO.) TD 4.2/8:In 7/972.

61-28A Commercial Pilot Written Test Guide (4-28-70).

Reflects current operating procedures and techniques for the use of applicants in preparing for the Commercial Pilot—Airplane Written Test. (\$1.50 GPO.) TD 4.408:P 64/4.

61-29A Instrument Flight Instructor Written Test Guide (10-16-70).

Reflects current operating procedures, regulations, and techniques for the use of applicants in preparing for the Flight Instructor Instrument Written Test (\$0.50 GPO.) TD 4.8:In 7/5.

61-30A Flight Test Guide—Gyroplane, Private and Commercial (3-23-72).

Assist the commercial and private pilot applicant in preparing for his gyroplane test. (\$0.30 GPO.) FAA 5.8/2:G 99/2/966.

61-31A Gyroplane Pilot Written Test Guide, Private and Commercial (6-9-72).

Provides guidance and assistance to applicants who are preparing for the Private or Commercial Pilot Gyroplane Written Test. Covers the basic aeronautical knowledge that the prospective gyroplane pilot must know.

61-32A Private Pilot Written Test Guide (12-1-71).

Provides information, guidelines, and sample test items to assist applicants for the Private Pilot Certificate in attaining necessary aeronautical knowledge. (\$1.75 GPO.) TD 4.408:P 64.

61-33 Gyroplane Flight Instructor Examination Guide (3-25-66).

Assists applicants who are preparing for the Flight Instructor Rotorcraft Gyroplane Written Examination. Revised in 1966.

61-34A Federal Aviation Regulations Written Test Guide for Private, Commercial and Military Pilots (6-18-70).

Outlines the scope of the basic knowledge required of civilian or military pilots who are studying FARs as they pertain to the Regulations terminology; to the certification of private and commercial pilots; to the operation of aircraft in the national airspace; and to the requirements of the National Transportation Safety Board. For use as a guide in preparing for the FAR Written Test. (\$0.40 GPO.) TD 4.8:P 64.

61-38 Rotorcraft Helicopter Written Test Guide (8-16-67).

Gives guidance to applicants preparing for the aeronautical knowledge requirement for a flight instructor certificate with a helicopter rating.

61-39 Flight Test Guide, Private and Commercial Pilot—Glider (8-28-67).

Assists applicants for private and commercial pilot flight tests in gliders.

61-41A Glider Flight Instructor Written Test Guide (1-12-72).

Provides information, guidelines, and sample test items, to assist applicants for the Glider Flight Instructor rating in attaining necessary aeronautical knowledge.

61-42 Airline Transport Pilot (Helicopter) Written Test Guide (11-7-67).

Provides guidance to applicants preparing for the Airline Transport Pilot Rotorcraft/Helicopter (VFR and/or IFR) Written Tests. Describes the type and scope of required aeronautical knowledge covered by the written test. (\$0.35 GPO.) TD 4.408:H 36.

61-43A Glider Pilot Written Test Guide—Private and Commercial (1-12-72).

Provides information, guidelines, and sample test items, to assist applicants for the Glider Pilot Certificate in attaining necessary aeronautical knowledge.

61-45 Instrument Rating (Helicopter) Written Test Guide (1-24-68).

Assists applicants who are preparing for the helicopter instrument rating. Presents a study outline, study materials and a sample test with answers.

61-46 Flight Instructor Procedures (6-1-69).

Informs flight instructors of the procedures involved in the renewal or reinstatement of Flight Instructor Certificates, qualification for "Gold Seal" certificates, and endorsing student pilot logbooks for various operations.

61-47 Use of Approach Slope Indicators for Pilot Training (9-16-70).

Informs pilot schools, flight instructors and student pilots of the recommendation of the Federal Aviation Administration on the use of approach slope indicator systems for pilot training.

61-49 Airline Transport Pilot—Airplane Practical Test Guide (8-9-71).

Describes the practical test requirements for Airline Transport Pilot Certificates (Airplane) and associated class and type ratings. (\$0.25 GPO.) TD 4.408: A17.4.

61-50 Aerial Applicator Aerodynamics Review of "Region of Reversed Command" (2-7-72).

Provided for the purpose of increasing pilot awareness of the aerodynamic limitations pertinent to aerial applicator operations.

61-51 Reporting Flight Time on Pilot Applications, FAA Form 8120-3 (6-26-72).

Advises applicants of the importance of entering their pilot flight time on subject form. (OBM No. 04-R0064.)

61-52 1972 Flight Instructor of the Year Award Program (8-24-72).

Provides the details of the 1972 Flight Instructor of the Year Award Program.

61-53 Crediting of Second in Command Pilot Time Toward the Flight Experience Requirements for Airline Transport Pilot Certificate (8-29-72).

Clarifies the rules governing the crediting of second in command pilot time toward the flight experience required for the issuance of an Airline Transport Pilot Certificate.

61-117-1D Flight Test Guide—Commercial Pilot, Airplane (2-14-72).

Assists the commercial applicant in preparing for his certification flight test. (\$0.20 GPO.) TD 4.8:P 64/2/969.

63-1B Flight Engineer Written Test Guide (10-22-70).

Provides information to prospective flight engineers and others interested in this certification area. Contains information about certification requirements and describes the type and scope of the written test. Lists appropriate study and reference material and presents sample questions similar to those found in the official written tests. (\$0.50 GPO.) TD 4.8:En 3/971.

63-2A Flight Navigator Written Test Guide (4-4-69).

Defines the scope and narrows the field of study to the basic knowledge required for the Flight Navigator Certificate. Published in 1969. (\$0.40 GPO.) TD 4.8:F 64/2.

65-2B Airframe and Powerplant Mechanics Certification Guide (11-4-71).

Provides information to prospective airframe and powerplant mechanics and other persons interested in FAA certification of aviation mechanics. (\$0.65 GPO.) TD 4.8:AI 7/6/971.

65-4A Aircraft Dispatcher Written Test Guide (8-16-68).

Describes the type and scope of aeronautical knowledge covered by the aircraft dispatcher written examination, lists reference materials, and presents sample questions. Published in 1969. (\$0.50 GPO.) TD 4.8:AI 7/12.

65-5 Parachute Rigger Certification Guide (6-19-67).

Provides information on how to apply for a parachute rigger certificate or rating and assists the applicant in preparing for the written, oral, and practical tests. Reprint in 1970. (\$0.25 GPO.) TD 4.8:P 21.

65-9 Airframe and Powerplant Mechanics—General Handbook (8-26-70).

Designed as a study manual for persons preparing for a mechanic certificate with airframe or powerplant ratings. Emphasis in this volume is on theory and methods of application, and is intended to provide basic information on principles, fundamentals, and airframe and powerplant ratings. Reprinted in 1972. (\$8 GPO.) TD 4.408:AI 7/2.

65-11A Airframe and Powerplant Mechanics Certification Information (4-21-71).

Provides answers to questions most frequently asked about Federal Aviation Administration certification of aviation mechanics. (\$0.20 GPO.) TD 4.8:AI:7/21 9-71.

65-12 Airframe and Powerplant Mechanics Powerplant Handbook (9-25-70).

Designed to familiarize student mechanics with the construction, theory of operation, and maintenance of aircraft powerplants. (\$3.75 GPO.) TD 4.408:AI 7/3.

65-13 FAA Inspection Authorization Directory (12-14-70).

Provides a new directory of all FAA certificated mechanics who hold an inspection authorization as of the effective date shown above.

65-15 Airframe and Powerplant Mechanics Airframe Handbook (9-18-72).

Designed to familiarize student mechanics with airframe construction, repair, and the operating theory of airframe systems. (\$4 GPO.) TD 4.408:AI 7/5.

65.95-2B Handbook and Study Guide for Aviation Mechanics Inspection Authorization (10-9-70).

This handbook gives guidance to persons conducting annual and progressive inspections and approving major repairs or alterations of aircraft. While the handbook is primarily intended for mechanics holding or preparing for an Inspection Authorization, it may be useful to aircraft manufacturers and certificated repair stations who have these privileges.

Airspace

SUBJECT NO. 70

70/7460-1B Obstruction Marking and Lighting (10-1-72).

Describes FAA standards on obstruction marking and lighting and establishes the methods, procedures, and equipment types for both aviation red and high intensity white obstruction lights.

70/7460-2C Proposed Construction or Alteration of Objects that may Affect the Navigable Airspace (9-16-71).

Advises those persons proposing to erect or alter an object that may affect the navigable airspace of the requirement to submit a notice to the Administrator of the Federal Aviation Administration (FAA).

70/7460-3 Petitioning the Administrator for Discretionary Review; Section 77.37, FAR (8-8-68).

Revises and updates information concerning the submission of petitions to the Administrator for review, extension, or revision of determinations issued by regional directors or their designees.

73-1 Establishment of Alert Areas (3-11-68).

Announces the establishment of alert areas and sets forth the procedures which FAA will follow in establishing such areas.

Air Traffic Control and General Operations

SUBJECT NO. 90

90-1A Civil Use of U.S. Government Produced Instrument Approach Charts (4-10-68).

Clarifies landing minimums requirements and revises instrument approach charts.

90-5 Coordination of Air Traffic Control Procedures and Criteria (6-13-63).

States Air Traffic Service policy respecting coordination of air traffic procedures and criteria with outside agencies and/or organizations.

90-12 Severe Weather Avoidance (4-15-64).

Provides information regarding air traffic control assistance in avoiding severe weather conditions.

90-14A Altitude—Temperature Effect on Aircraft Performance (1-26-68).

Introduces the Denalt Performance Computer and reemphasizes the hazard-

ous effects density altitude can have on aircraft.

90-19 Use of Radar for the Provision of Air Traffic Control Services (10-29-64).

Advises the aviation community of FAA practice in the use of radar information to provide air traffic control services.

90-20 Weather Radar Radomes (11-12-64).

Highlights some important points to consider in the selection and maintenance of weather radar radomes.

90-22C Automatic Terminal Information Service (ATIS) (2-2-71).

Provides updated information concerning the operation of Automatic Terminal Information Service.

90-23C Wake Turbulence (5-16-72).

Alerts pilots to the hazards of trailing vortex wake turbulence and recommends avoidance procedures.

90-31 Retention of Flight Service Station (FSS) Civil Flight Plans and Related Records (7-1-67).

Establishes new retention periods for flight plans, preflight briefings logs, visual flight rule flight progress strips, and related records with FSS's.

90-32 Radar Capabilities and Limitations (8-15-67).

Advises the aviation community of the inherent capabilities and limitations of radar systems and the effect of these factors on the service provided by air traffic control (ATC) facilities.

90-34 Accidents Resulting from Wheelbarrowing in Tricycle Gear Equipped Aircraft (2-27-68).

Explains "wheelbarrowing", the circumstances under which it is likely to occur, and recommended corrective action.

90-36 The Use of Chaff as an In-Flight Emergency Signal (5-22-68).

Advises of the value and proper usage of chaff to alert radar controllers to the presence of an aircraft in distress which has a two-way radio failure.

90-38A Use of Preferred IFR Routes (12-29-69).

Outlines the background, intent, and requested actions pertaining to the use of preferred IFR routes.

90-41C Revised Standard Instrument Departure/Arrival Procedures (4-13-72).

Describes the revised Standard Instrument Departure (SID) and Standard Terminal Arrival Route (STAR) program which basically eliminates the ability to file STAR's in a flight plan and informs pilots that altitudes and airspeeds will no longer be embedded within the body of a STAR.

90-42A Traffic Advisory Practices at Nontower Airports (8-16-72).

Establishes, as good operating practices, procedures for pilots to be ap-

prised of or exchange traffic information, when approaching or departing uncontrolled airports.

90-43C Operations Reservations for High-Density Traffic Airports (11-14-71).

Advises the aviation community of the means for all aircraft operators, except helicopters, scheduled and supplemental air carriers and scheduled air taxis, to obtain a reservation to operate to and/or from designated high-density traffic airports.

90-45 Approval of Area Navigation Systems for Use in the U.S. National Airspace System (8-18-69).

Provides guidelines for implementation of area navigation (RNAV) within the National Airspace System (NAS).

90-45 CH-1 (10-20-70).

Deletes certain items found to be in excess of minimum requirements and clarifies certain other items.

90-47 Abbreviated Instrument Flight Rules Departure Clearance (3-18-70).

Provides guidance to pilots and operators for participation in the Abbreviated IFR Departure Clearance Program.

90-48 Pilots' Role in Collision Avoidance (3-20-70).

Alerts all pilots to the midair collision and near midair collision hazard and to emphasize those basic problem areas of concern, as related to the human causal factors, where improvements in pilot education, operating practices, procedures, and techniques are needed to reduce mid-air conflicts.

90-50 Air Traffic Control Radio Frequency Assignment Plan for VFR and IFR Communications (9-29-70).

Describes the civil air traffic control assignment of frequencies in the very high frequency (118-136 MHz) band.

90-51 FAA Motion Picture—"Caution—Wake Turbulence" (11-17-70).

Announces the availability of a new wake turbulence film and encourages its viewing.

90-54 Cruise Clearances (5-25-71).

Provides the aviation community guidance when operating under a "cruise" clearance.

90-55 Identification of Air Taxi Operations for Air Traffic Counting (8-31-71).

Informs air taxi and commercial operators (ATCO), certificated under the provisions of Federal Aviation Regulations, Part 135, that they now fall under a separate category for air traffic counting purposes and outlines air traffic identification procedures to be used.

90-58 VOR Course Errors Resulting from 50KHz Channel Selection (2-16-72).

Provides information concerning a potentially hazardous situation when a VOR receiver is tuned 50KHz from the ground station frequency.

90-59 Arrival and Departure Handling of High-Performance Aircraft (2-28-72).

Describes ATC handling of high performance aircraft in terminal areas.

90-60 Weather Observation Reporting Obscured or Partially Obscured Sky Condition (3-31-72).

Provides pilots with information concerning weather conditions reported by weather observers as obscuration or partial obscuration.

90-61 Practice Instrument Approaches (6-12-72).

Advises the aviation community of measures to achieve more organized and controlled operations where practice instrument approaches are conducted.

91-3 Acrobatic Flight (9-30-63).

Sets safe operating practices for the conduct of acrobatic flight operations.

91-5B Waivers of Subpart B, Part 91 of the Federal Aviation Regulations (FARs) (1-28-72).

Provides information concerning the submission of applications for and the issuance of waivers of Subpart B, FAR Part 91.

91-6 Water, Slush, and Snow on the Runway (1-21-65).

Provides background and guidelines concerning the operation of turbojet aircraft with water, slush, and/or snow on the runway.

91-7 Hazards Associated With In-Flight Use of "Visible-Fluid" Type Cigarette Lighters (3-16-65).

Discusses the potential hazards associated with in-flight use of "visible-fluid" type cigarette lighters.

91-8A Use of Oxygen by General Aviation Pilots/Passenger (8-11-70).

Provides general aviation personnel with information concerning the use of oxygen.

91-9 Potential Hazards Associated With Turbojet Ground Operations (6-19-65).

Alerts turbojet operators and flight crews to potential hazards involving turbojet operations at airports.

91-10A Suggestions for Use of ILS Minima by General Aviation Operators of Turbojet Airplanes (10-8-65).

Provides general aviation operators of turbojet airplanes with information on practices and procedures to be considered before utilizing the lowest published IFR minima prescribed by FAR Part 97 and provides information on pilot-in-command experience, initial and recurrent pilot proficiency, and airborne airplane equipment.

91-11A Annual Inspection Reminder (12-3-69).

Provides the aviation community with a uniform visual reminder of the date an annual inspection becomes due. (Reference section 91.169(a)(1) of the FAR's.)

91.11-1 Guide to Drug Hazards in Aviation Medicine (7-19-63).

Lists all commonly used drugs by pharmacological effect on airmen with side effects and recommendations. Reprinted 1970. (\$0.50 GPO.) FAA 7.9:D 84.

91-12B Required Inspection for Aircraft Operating Under FAR Parts 121, 123, 127, or 135 and Reverting to General Operation Under FAR Part 91 (12-9-70).

Describes acceptable methods for complying with the required inspections set forth in FAR Part 91.

91-13A Cold Weather Operation of Aircraft (1-2-70).

Provides background and guidelines relating to operation of aircraft in the colder climates where wide temperature changes may occur.

91-14B Altimeter Setting Sources (10-1-71).

Provides the aviation public, industry, and FAA field personnel with guidelines for setting up reliable altimeter setting sources.

91-15 Terrain Flying (2-2-67).

A pocket-size booklet designed as a tool for the average private pilot. Contains a composite picture of the observations, opinions, warnings, and advice from veteran pilots who have flown this vast land of ours that can help to make flying more pleasant and safer. Tips on flying into Mexico, Canada, and Alaska. (\$0.55 GPO.) TD 4.2:T 27.

91-16 Category II Operations—General Aviation Airplanes (8-7-67).

Sets forth acceptable means by which Category II operations may be approved in accordance with FAR Parts 23, 25, 61, 91, 97, and 135.

91-17 The Use of View Limiting Devices on Aircraft (2-20-68).

Alerts pilots to the continuing need to make judicious and cautious use of all view limiting devices on aircraft.

91-21 Inspection Schedule—for Handley-Page Model HP-137 (4-24-69).

Provides information for use by persons planning to develop an inspection schedule for the Handley-Page Model HP-137 aircraft.

91-22A Altitude Alerting Devices/Systems (12-23-71).

Provides guidelines for designing, installing, and evaluating altitude alerting systems.

91-23 Pilot's Weight and Balance Handbook (5-6-69).

Provides an easily understood text on aircraft weight and balance for pilots who need to appreciate the importance of weight and balance control for safety of flight. Progresses from an explanation of basic fundamentals to the complete application of weight and balance principles in large aircraft operations. Reprinted in 1972 (\$1.25 GPO.) TD 4.408: P 64/3.

91-24 Aircraft Hydroplaning or Aquaplaning on Wet Runways (9-4-69).

Provides information to the problem of aircraft tires hydroplaning on wet runways.

91-25A Loss of Visual Cues During Low Visibility Landings (6-22-72).

Provides information concerning the importance of maintaining adequate visual cues during the descent below MDA or DA.

91-26 Maintenance and Handling of Air-Driven Gyroscopic Instruments (10-29-69).

Advises operators of general aviation aircraft of the need for proper maintenance of air-driven gyroscopic instruments and associated air filters.

91-27A Systemsworthiness Analysis Program—General Aviation (12-16-70).

Explains the purpose and applicability of the Systemsworthiness Analysis Program (SWAP) to certificated air taxis, repair stations, pilot and aviation maintenance technician schools that are operated under the privileges of certificates issued by the Federal Aviation Administration.

91-28 Unexpected Opening of Cabin Doors (12-23-69).

Outlines the importance of assuring that cabin doors are properly closed prior to takeoff.

91-29 Radar Transponder Requirements (3-30-70).

Describes certain aspects of the planned operation of the Air Traffic Control Radar Beacon System (ATCRBS) which will be of interest to aircraft operators who expect to use radar transponders in their aircraft.

91-30 Terminal Control Areas (TCA) (6-11-70).

Explains the TCA concept and answers some of the most frequently asked questions pertaining to TCA.

9-31 FAR Requirement for the Filing of Flight Plans for Flights Between Mexico and the United States (2-1-71).

Informs pilots of the requirements of section 91.12(c) of Part 91 of the Federal Aviation Regulations.

91-32 Safety in and Around Helicopters (5-7-71).

Provides suggestions to improve helicopter safety by means of acquainting nonflight crew personnel and passengers with the precautions and procedures necessary to avoid undue hazards.

91-33 Use of Alternate Grades of Aviation Gasoline for Grade 80/87 (10-6-71).

Provides information relating to the use of alternate grades of aviation gasoline when grade 80/87 is not available, and the resultant effects of the use of the alternate fuels which may have higher TEL (tetraethyl lead) content.

91-34 Model Aircraft Operating Standards (7-1-72).

Outlines safety standards for operators of model aircraft, and encourages voluntary compliance with these standards.

91-35 Noise, Hearing Damage, and Fatigue in General Aviation Pilots (3-28-72).

Acquaints pilots with the hazards of regular exposure to cockpit noise. Especially pertinent are piston-engine, fixed-wing, and rotary-wing aircraft.

91-36 VFR Flight Near Noise-Sensitive Areas (8-7-72).

Encourages pilots making VFR flights near noise-sensitive areas to fly at altitudes higher than the minimum permitted by regulation and on flight paths which will reduce aircraft noise in such areas.

91.29-1 Special Structural Inspections (1-8-68).

Discusses occurrences which may cause structural damage affecting the airworthiness of aircraft.

91.83-1 Canceling or Closing Flight Plans (3-12-64).

Outlines the need for canceling or closing flight plans promptly to avoid costly search and rescue operations.

91.83-2 IFR Flight Plan Route Information (2-16-66).

Clarifies the air traffic control needs for the filing of route information in an IFR (Instrument Flight Rules) flight plan.

95-1 Airway and Route Obstruction Clearance (6-17-65).

Advises all interested persons of the airspace areas within which obstruction clearance is considered in the establishment of Minimum En Route Instrument Altitudes (MEA's) for publication in FAR Part 95.

99-1 Security Control of Air Traffic (1-12-72).

Provides civil aviation with recommended practices for operating aircraft within or penetrating an Air Defense Identification Zone (ADIZ).

101-1 Waivers of Part 101, Federal Aviation Regulations (1-13-64).

Provides information on submission of applications and issuances of waivers to FAR Part 101.

103-2 Information Guide for Air Carrier Handling of Radioactive Materials (7-23-70).

Acquaints air carrier industry and in particular, air freight handling personnel, with the essential requirements and practical application of the various regulations pertaining to the handling and transportation of radioactive materials.

105-2 Sport Parachute Jumping (9-6-68).

Provides suggestions to improve sport parachuting safety; information to assist parachutists in complying with FAR

Part 105; and a list of aircraft which may be operated with one cabin door removed, including the procedures for obtaining FAA authorization for door removal.

107-1 Aviation Security—Airports (5-19-72).

Furnishes guidance to those individuals and organizations having responsibilities under Part 107 of the Federal Aviation Regulations. It also provides recommendations for establishing and improving security for restricted or critical facilities and areas the security of which is not dealt with in Part 107.

Air Carrier and Commercial Operators and Helicopters**SUBJECT NO. 120****120-1A Reporting Requirements of Air Carriers, Commercial Operators, and Travel Clubs (4-24-69).**

Advises of the mechanical reliability reporting requirements contained in FAR Parts 121 and 127 and the accident and incident reporting requirements of NTSB Part 430, Rules Pertaining to Aircraft Accidents, Incidents, Overdue Aircraft, and Safety Investigations.

120-2A Precautionary Propeller Feathering To Prevent Runaway Propellers (8-20-63).

Emphasizes the need for prompt feathering when there is an indication of internal engine failure.

120-5 High Altitude Operations in Areas of Turbulence (8-26-63).

Recommends procedures for use by jet pilots when penetrating areas of severe turbulence.

120-7A Minimum Altitudes for Conducting Certain Emergency Flight Training Maneuvers and Procedures (7-27-70).

Issued to emphasize to all air carriers and other operators of large aircraft the necessity for establishing minimum altitudes above the terrain or water when conducting certain simulated emergency flight training maneuvers.

120-12 Private Carriage Versus Common Carriage by Commercial Operators Using Large Aircraft (6-24-64).

Provides guidelines for determining whether current or proposed transportation operations by air constitute private or common carriage.

120-13 Jet Transport Aircraft Attitude Instrument Systems (6-26-64).

Provides information about the characteristics of some attitude instrument systems presently installed in some jet transport aircraft.

120-16A Continuous Airworthiness Program (9-11-69).

Provide air carriers and commercial operators with guidance and information pertinent to certain provisions of Federal Aviation Regulations Parts 121 and 127.

120-17 Handbook for Maintenance Control by Reliability Methods (12-31-64).

Provides information and guidance material which may be used to design or develop maintenance reliability programs which include a standard for determining the time limitations.

120-17 CH1 (6-24-66).**120-17 CH2 (5-6-68).****120-18 Preservation of Maintenance Records (5-10-65).**

Provides information and guidance relative to the microfilming of maintenance records.

120-21 Aircraft Maintenance Time Limitations (6-24-66).

Provides methods and procedures for the initial establishment and revision of time limitations on inspections, checks, maintenance or overhaul.

120-24A Establishment and Revision of Aircraft Engine Overhaul and Inspection Periods (2-25-69).

Describes methods and procedures used by the FAA in the establishment and revision of aircraft engine overhaul periods.

120-26C Civil Aircraft Operator Designators (9-28-72).

Revises the criteria and states the procedures for the assignment of a designator and a corresponding air/ground call sign to civil aircraft operators engaged in domestic services on a repetitive basis.

120-27 Aircraft Weight and Balance Control (10-15-68).

Provides a method and procedures for weight and balance control.

120-28A Criteria for Approval of Category IIIa Landing Weather Minima (12-14-71).

States an acceptable means, not the only means, for obtaining approval of Category IIIa minima and the installation approval of the associated airborne systems.

120-29 Criteria for Approving Category I and Category II Landing Minima for FAR 121 Operators (9-25-70).

Sets forth criteria used by FAA in approving turbojet landing minima of less than 300-3/4 or RVR 4,000 (Category I) and Category II minima for all aircraft.

120-29 CH1 (12-15-71).

Revises Appendix 1 and deletes statement in Appendix 2 regarding 19-foot criteria (does not apply when using an approved automatic landing system).

120-29 CH2 (7-26-72).

Clarifies the airborne system evaluation by stressing the necessity for meeting maintenance program requirements.

121-1 Standard Maintenance Specifications Handbook (12-15-62).

Consolidated reprint 3-2-72, includes Changes 1 through 26.

Provides procedures acceptable to FAA which may be used by operators when establishing inspection intervals and overhaul times.

121-3M Maintenance Review Board Reports (9-29-71).

Revises the list of Maintenance Review Board Reports that are currently in effect (August 1971).

121-6 Portable Battery-Powered Megaphones (1-5-66).

Sets forth an acceptable means for complying with rules (applicable to various persons operating under Part 121 of the Federal Aviation Regulations) that prescribe the installation of approved megaphones.

121-7 Use of Seat Belts by Passengers and Flight Attendants To Prevent Injuries (7-14-66).

Concerned with the prevention of injury due to air turbulence.

121-12 Wet or Slippery Runways (8-17-67).

Provides uniform guidelines in the application of the "wet runway" rule by certificate holders operating under FAR 121.

121-13 Self-Contained Navigation Systems (Long Range) (10-14-69).

States an acceptable means, not the only means, of compliance with the referenced sections of the FAR as they apply to persons operating under Parts 121 or 123 who desire approval of Doppler RADAR navigation systems or Inertial Navigation Systems (INS) for use in their operations.

121-13 CH1 (7-31-70).

Assures standardization of the Minimum Equipment List (MEL) with respect to Inertial Navigation Systems (INS) through the appropriate Flight Operations Evaluation Board (FOEB).

121-13 CH2 (12-21-70).

Permits all flight training for Doppler and INS qualification, to be completed in a simulator or training device approved for conducting the required pilot training and qualifications in the use of these systems.

121-14 Aircraft Simulator Evaluation and Approval (12-19-69).

Sets forth one means that would be acceptable to the Administrator for approval of aircraft simulators or other training devices requiring approval under section 121.407.

121-16 Maintenance Certification Procedures (11-9-70).

Provides guidance for the preparation of an Operations Specification—Preface Page which will afford nominal and reasonable relief from approved service and overhaul time limits when a part is borrowed from another operator.

121-17 Aviation Security: Certain Air Carriers and Commercial Operators—Security Programs and Other Requirements (3-14-72).

Provides general information regarding the requirements of FAR Amdt. 121-85.

121.195(d)-1 Alternate Operational Landing Distances for Wet Runways: Turbojet Powered Transport Category Airplanes (11-19-65).

Sets forth an acceptable means, but not the only means, by which the alternate provision of section 121.195(d) may be met.

123-1 Air Travel Clubs (10-17-68).

Sets forth guidelines and procedures to assist air travel clubs using large aircraft in meeting safety requirements of FAR Part 123.

135.144-1 Small Propeller-Driven Air Taxi Airplanes That Meet Section 135.144 (4-13-72).

Provides a summary of and information on small propeller-driven air taxi airplanes that comply with section 135.144 and may continue operations under FAR Part 135 after May 31, 1972, with 10 or more passenger seats.

135.155-1 Alternate Static Source for Altimeters and Airspeed and Vertical Speed Indicators (2-16-65).

Sets forth an acceptable means of compliance with provision in FAR Part 135 and Part 23 dealing with alternate static sources.

135-1A Air Taxi Aircraft Weight and Balance Control (9-26-69).

Provides a method and procedures for developing a weight and balance control system for small aircraft operating in the air taxi fleet under FAR Part 135.

135-2 Air Taxi Operators of Large Aircraft (10-14-69).

Provides guidelines and procedures for use by air taxi operators or applicants for Air Taxi Operator certificates who desire to obtain FAA authorization to operate large aircraft (more than 12,500 pounds maximum certificated takeoff weight) in air taxi operations.

135-3 Air Taxi Operators of Small Aircraft (2-17-70).

Sets forth guidelines and procedures to assist persons in complying with the requirements of Federal Aviation Regulations, Part 135.

135.60-1 Aircraft Inspection Programs (5-1-70).

Provides information for use by air taxi operators and commercial operators of small aircraft developing an aircraft inspection program for FAA approval.

137-1 Agricultural Aircraft Operations (11-29-65).

Explains and clarifies the requirements of FAR Part 137 and provides additional information, not regulators in nature,

which will assist interested persons in understanding the operating privileges and limitations of this Part.

Schools and Other Certificated Agencies

SUBJECT NO. 140

140-1F Consolidated Listing of FAA Certificated Repair Stations (10-29-71).

Provides a revised directory of all FAA certificated repair stations as of July 1, 1971.

140-2G List of Certificated Pilot Flight and Ground Schools (9-13-72).

Provides a list of FAA certificated pilot flight and ground schools as of June 30, 1972.

140-3B Approval of Pilot Training Courses Under Subpart D of Part 141 of the FAR (1-8-70).

The title is self-explanatory.

140-4 Use of Audio-Visual Courses in Approved Pilot Ground Schools Certificated Under Part 141 (8-7-68).

Informs operators of certificated pilot schools on the use of audio-visual training aids for instruction in approved ground school courses conducted under the FARs.

140-5 Radio Maintenance Technician School Curriculum (8-11-71).

Provides information on curriculum subjects for persons desiring to establish radio maintenance technician training courses.

143-1B Ground Instructor Examination Guide—Basic—Advanced (4-18-67).

Designed to assist applicants preparing for the Basic or Advanced Ground Instructor Written Examination by outlining the required knowledge and by providing sample questions for practice. Revised in 1967. (\$1 GPO.) TD 4.408; G 91.

143-2B Ground Instructor—Instrument—Written Test Guide (6-25-70).

Provides information to applicants for the instrument ground instructor rating about the subject areas covered in the examination and illustrated by a study outline, a list of study materials, and a sample examination with answers. (\$0.65 GPO.) TD 4.8; G 91.

145.101-1A Application for Air Agency Certificate—Manufacturer's Maintenance Facility (3-10-69).

Explains how to obtain a repair station certificate.

147-2K Directory of FAA Certificated Aviation Maintenance Technician Schools (10-14-72).

Provides a revised directory of all FAA certificated aviation maintenance technician schools as of July 31, 1972.

147-3 Phase III, A National Study of the Aviation Mechanics Occupation (3-22-71).

Announces the availability for purchase by the public of a reprint of a re-

port of Phase III, A National Study of the Aviation Mechanics Occupation.

149-2F Listing of Federal Aviation Administration Certificated Parachute Lofts (10-8-71).

Provides a revised listing of all FAA certificated parachute lofts as of October 1, 1971.

Airports

SUBJECT NO. 150

AIRPORT PLANNING

150/5000-1 Cancellation of Obsolete Publications Issued by Standards Division, Airports Service (4-17-70).

Cancels outstanding airport engineering data sheets, technical standard orders, airport engineering bulletins, and miscellaneous publications that are no longer current and to direct the reader to a new source of information, where applicable.

150/5000-2 Index of Publications, Airport Service, Standards Division (9-28-70).

Transmits the first Airports Service, Standards Division, index of advisory circulars and related publications.

150/5000-3A Address List for Regional Airports Divisions and Airport District Offices (7-13-72).

Transmits the second address list for all regional Airports Divisions and Airport District Offices.

150/5040-1A Announcement of Report—Aviation Demand and Airport Facility Requirement Forecasts for Large Air Transportation Hubs Through 1980 (3-27-69).

Announces the availability of the new report and where to obtain it.

150/5040-2 Announcement of Report—Aviation Demand and Airport Facility Requirement Forecasts for Medium Air Transportation Hubs Through 1980 (5-22-69).

Announces the availability to the public, Federal Aviation Administration personnel, airport and local government planning officials, the aviation industry, and the interested public with forecasts of aviation demand and selected airport facility requirements for medium hubs through 1980.

150/5040-3 Announcement of Report—A Suggested Action Program for the Relief of Airfield Congestion at Selected Airports (6-19-69).

Announces the availability of the report to the public which identifies and analyzes the possible improvements leading to reduced aircraft delays at 18 of the Nation's highest density airports.

150/5040-4 Announcement of Supplementary Report—A Suggested Action Program for the Relief of Airfield Congestion at Selected Airports (3-31-70).

Announces the availability of the report to the public which identifies and analyzes possible improvements needed to prevent delays at 10 additional airports where demand

compared to capacity indicates serious congestion will become a problem. This report is supplementary to the report announced by AC 150/5040-3.

150/5050-2 Compatible Land Use Planning in the Vicinity of Airports (4-13-67).

Advises Federal Aviation Administration personnel, local government officials and the public of the availability of the following two reports prepared under the auspices of the FAA by the firm of Transportation Consultants, Inc. *Compatible Land Use Planning On and Around Airports, and Aids Available for Compatible Land Use Planning Around Airports.*

150/5050-3A Planning the State Airport System (June 1972).

Provides general guidance in preparing a State airport system plan.

150/5060-1A Airport Capacity Criteria Used in Preparing the National Airport Plan (7-8-68).

Presents the method used by the Federal Aviation Administration for determining when additional runways, taxiways, and aprons should be recommended in the National Airport Plan. The material is also useful to sponsors and engineers in developing Airport Layout Plans and for determining when additional airport pavement facilities should be provided to increase aircraft accommodation capacity at airports.

150/5060-3A Airport Capacity Criteria Used in Long-Range Planning (12-24-69).

Describes the method used by the Federal Aviation Administration for determining the approximate practical hourly and practical annual capacities of various airport runway configurations and is used in long-range (10 years or more) planning for expansion of existing airports and construction of new airports to accommodate forecast demand.

150/5070-1 Rapid Transit Service for Metropolitan Airports (8-26-65).

Informs airport officials of a Federal assistance program for rapid transit.

150/5070-2 Planning the Metropolitan Airport (9-17-65). (Consolidated reprint 6-30-66 includes change 1.)

Provides guidance and methodology for planning the metropolitan airport system as a part of the comprehensive metropolitan planning program.

150/5070-3 Planning the Airport Industrial Park (9-30-65).

Provides guidance to communities, airport boards, and industrial developers for the planning and development of Airport Industrial Parks.

150/5070-4 Planning for Rapid Urbanization Around Major Metropolitan Airports (3-31-66).

Alerts planning agencies to the need for developing appropriate planning programs to guide rapid urbanization in the vicinity of major metropolitan airports and suggests procedures for such planning programs.

150/5070-5 Planning the Metropolitan Airport System (5-22-70).

Gives guidance in developing airport-system plans for large metropolitan areas. It may be used by metropolitan planning agencies and their consultants in preparing such system plans and by the FAA in reviewing same. (\$1.25 GPO.) TD 4.108:M56/2.

150/5070-6 Airport Master Plans (2-5-71).

Provides guidance for the preparation of individual airport master plans as provided for under the Airport Airway Development Act of 1970. (\$1.25 GPO.) TD 4.108:P69.

150/5090-1 Regional Air Carrier Airport Planning (2-2-67).

This circular: (1) Informs local and State governments, airport operators, and area planners of a Federal policy concerning the development of a single airport to serve two or more cities and their environs; and (2) provides such planners with guidance for evaluating the feasibility of establishing such regional airports.

150/5090-2 National Airport Classification System (Airport System Planning) (6-25-71).

Sets forth the new national airport classification system. The system is designed for use in the identification and classification of airports within the National System of Airports and for use as a planning tool in long-range airport system planning.

FEDERAL-AID AIRPORT PROGRAMS**150/5100-3A Federal-aid Airport Program-Procedures Guide for Sponsors (9-20-68).**

Provides guidance to public agencies that sponsor or propose to sponsor projects under the Federal-aid Airport Program (FAAP) authorized by the Federal Airport Act.

150/5100-3A CH 1 (11-28-69).

Transmits revised pages to subject advisory circular.

150/5100-5 Land Acquisition in the Federal-aid Airport Program (1-30-69).

Provides general information to sponsors of airport development projects under the Federal-aid Airport Program on the eligibility of land acquisition and extent of Federal participation in land acquisition costs.

150/5100-6 Labor Requirements in Federal-aid Airport Program Contracts (6-6-69).

Covers the basic labor requirements applicable to the Federal-aid Airport Program (FAAP). Intended primarily for the guidance of those public agencies sponsoring projects under the program and the contractors and subcontractors engaged in work under a project.

150/5100-7A Requirement for Public Hearing in the Airport Development Aid Program (2-25-72).

Provides guidance to sponsors of airport development projects under the

Airport Development Aid Program (ADAP) on the necessity for and conduct of public hearings.

150/5100-8 Request for Aid; Displaced Persons; Public Hearings; Environmental Considerations; Opposition to the Project (1-19-71).

Provides general guidance on the information and coordination required in support of a request for aid for an airport development project under the Airport and Airway Development Act of 1970.

150/5100-9 Engineering Services Under the Airport Development Aid Program (ADAP) (7-1-72).

Provides guidance for airport sponsors and Federal Aviation Administration offices in the definition, selection, review, and approval of engineering services used under subject program.

150/5100-10 Accounting Records Guide for Airport Development Aid Program Sponsors (5-15-72).

Assists sponsors of Airport Development Aid Program (ADAP) projects in maintaining accounting records that will satisfy the recordkeeping and auditing requirements which are necessary to support claims for progress and final payments under the Airport and Airway Development Act of 1970 (Public Law 91-258).

SURPLUS AIRPORT PROPERTY CONVEYANCE PROGRAMS**150/5150-2 Federal Surplus Personal Property for Public Airport Purposes (6-27-68).**

Outlines policies and procedures for State and local agencies applying for and acquiring surplus Federal personal property for public airport purposes.

150/5150-2 CH 1 (4-22-69).

Revises the flow of copies of the SF 123 to provide for more accurate review of donated property.

AIRPORT COMPLIANCE PROGRAM**150/5190-1 Minimum Standards for Commercial Aeronautical Activities on Public Airports (8-18-66).**

Gives to owners of public airports information helpful in the development and application of minimum standards for commercial aeronautical activities.

150/5190-2A Exclusive Rights at Airports (4-4-72).

Makes available to public airport owners, and to other interested persons, basic information and guidance on FAA's policy regarding exclusive rights at public airports on which Federal funds, administered by FAA, have been expended.

150/5190-2A CH 1 (10-2-72).

Deletes the reference to the sale of aeronautical charts by the National Ocean Survey (formerly the U.S. Coast Guard and Geodetic Survey) and to encourage airport owners to obtain UNICOM license in their own names and make these facilities available to all fixed base operators.

150/5190-3A Model Airport Hazard Zoning Ordinance (9-19-72).

Provides a model airport hazard zoning ordinance for airports. The model ordinance is intended merely as a guide to control manmade and natural hazards to aircraft and will require modifications and revisions to meet the varying circumstances and the state and local laws.

AIRPORT SAFETY—GENERAL**150/5200-3A Bird Hazards to Aircraft (3-2-72).**

Transmits to the aviation public the latest published information concerning the reduction of bird strike hazards to aircraft in flight and in the vicinity of airports.

150/5200-4 Foaming of Runways (12-21-66).

Discusses runway foaming and suggests procedures for providing this service.

150/5200-5 Considerations for the Improvement of Airport Safety (2-2-67).

Emphasizes that, in the interest of accident/incident prevention, airport management should conduct self-evaluations and operational safety inspections. An exchange of information and suggestions for the improvement of airport safety is also suggested.

150/5200-6A Security of Aircraft at Airports (6-28-68).

Directs attention to the problem of pilferage from aircraft at airports and suggests action to reduce pilferage and the hazards that may result therefrom.

150/5200-7 Safety on Airports During Maintenance of Runway Lighting (1-24-68).

Points the possibility of an accident occurring to airport employees caused by electrocution.

150/5200-8 Use of Chemical Controls to Repel Flocks of Birds at Airports (5-2-68).

Acquaints airport operators with new recommendations on the use of chemical methods for dispersing flocks of birds.

150/5200-9 Bird Reactions and Scaring Devices (6-26-68).

Transmits a report on bird species and their responses and reactions to scaring devices.

150/5200-11 Airport Terminals and the Physically Handicapped (11-27-68).

Discusses the problems of the physically handicapped air traveler and suggests features that can be incorporated in modification or new construction of airport terminal buildings.

150/5200-12 Fire Department Responsibility in Protecting Evidence at the Scene of an Aircraft Accident (8-7-69).

Furnishes general guidance for employees of airport management and other personnel responsible for firefighting and rescue operations, at the scene of an aircraft accident, on the proper presentation of evidence.

150/5200-13 Removal of Disabled Aircraft (8-27-70).

Discusses the responsibility for disabled aircraft removal and emphasizes the need for prearranged agreements, plans, equipment, and improved coordination for the expeditious removal of disabled aircraft from airport operating areas. It also illustrates some of the various methods used, equipment employed, equipment available, and concepts for aircraft recovery.

150/5200-14 Results of 90-Day Trial Exercise on Fire Department Activity (9-8-70).

Transmits statistical data collected during a 90-day trial exercise conducted to determine the relationship between aircraft fire and rescue service activities and airport aeronautical operations.

150/5200-15 Availability of the International Fire Service Training Association's (IFSTA) Aircraft Fire Protection and Rescue Procedures Manual (9-11-76).

Announces the availability of the subject manual.

150/5200-16 Announcement of Report AS-71-1 "Minimum Needs for Airport Fire Fighting and Rescue Services" Dated January 1971 (4-13-71).

Announces the availability of the subject report and describes how to get it.

150/5200-17 Emergency Plan (2-5-72).

Contains guidance material for airport managements to use in developing an emergency plan at civil airports.

150/5200-18 Airport Safety Self-Inspection (2-5-72).

Suggests functional responsibility, procedures, a checklist, and schedule for an airport safety self-inspection.

150/5200-19 Availability of Report No. FAA-RD-71-20 "An Analysis of Airport Snow Removal and Ice Control" dated March 1971 (11-23-71).

Announces the availability of subject report.

150/5210-2 Airport Emergency Medical Facilities and Services (9-3-64).

Provides information and advice so that airports may take specific voluntary preplanning actions to assure at least minimum first-aid and medical readiness appropriate to the size of the airport in terms of permanent and transient personnel.

150/5210-4 FAA Aircraft Fire and Rescue Training Film, "Blanket for Survival" (10-27-65).

Provides information on the purpose, content, and availability of the subject training film.

150/5210-5 Painting, Marking, and Lighting of Vehicles Used on an Airport (8-31-66).

Makes recommendations concerning safety, efficiency, and uniformity in the

interest of vehicles used on the aircraft operational area of an airport.

150/5210-6A Aircraft Fire and Rescue Facilities and Extinguishing Agents (1-14-70).

Furnishes general guidance for estimating the aircraft fire and rescue facilities needed at civil airports.

150/5210-7A Aircraft Fire and Rescue Communications (3-16-72).

Provides guidance information for use by airport management in establishing communication and alarm facilities by which personnel required to respond to and function at aircraft ground emergencies may be alerted and supplied with necessary information.

150/5210-8 Aircraft Firefighting and Rescue Personnel and Personnel Clothing (1-13-67).

Provides guidance concerning the manning of aircraft fire and rescue trucks, the physical qualifications that personnel assigned to these trucks should meet, and the protective clothing with which they should be equipped.

150/5210-9 Airport Fire Department Operating Procedures During Periods of Low Visibility (10-27-67).

Suggests training criteria which airport management may use in developing minimum response times for aircraft fire and rescue trucks during periods of low visibility.

150/5210-10 Airport Fire and Rescue Equipment Building Guide (12-7-67).

This title is self-explanatory.

150/5210-11 Response to Aircraft Emergencies (4-15-69).

Informs airport operators and others of an existing need for reducing aircraft firefighting response time, and outlines a uniform response time goal of 2 minutes within aircraft operational areas on airports.

150/5210-12 Fire and Rescue Service for Certificated Airports (3-2-72).

Furnishes guidance and explains to Federal Aviation Administration (FAA) airport inspectors and airport management the minimum criteria to be applied when evaluating the aircraft fire and rescue service required at an airport for its compliance with the requirements of FAR Part 139.

150/5210-13 Water Rescue Plans, Facilities, and Equipment (5-4-72).

Suggests planning procedures, facilities, and equipment to effectively perform rescue operations when an aircraft lands in a body of water, swamp, or tidal area where normal aircraft firefighting and rescue service vehicles are unable to reach the accident scene.

150/5220-1 Guide Specification for a Light-Weight Airport Fire and Rescue Truck (7-24-64).

Describes a vehicle with performance capabilities considered as minimum for an acceptable light rescue truck.

150/5220-4 Water Supply Systems for Aircraft Fire and Rescue Protection (12-7-67).

The title is self-explanatory.

150/5220-6 Guide Specification for 1,000-Gallon Tank Truck (4-10-68).

Assists airport management in the development of local procurement specifications.

150/5220-8 Guide Specification for 2,000-Gallon Tank Truck (6-13-69).

Assists airport management in the development of local procurement specifications for 2,000-gallon tank truck.

150/5220-9 Aircraft Arresting System for Joint Civil/Military (4-6-70).

Updates existing policy and describes and illustrates the various types of military aircraft emergency arresting systems that are now installed at various joint civil/military airports. It also informs users of criteria concerning installations of such systems at joint civil/military airports.

150/5220-10 Guide Specification for Water/Foam Type Aircraft Fire and Rescue Trucks (5-26-72).

Assists airport management in the development of local procurement specifications.

150/5230-3 Fire Prevention During Aircraft Fueling Operations (4-8-69).

This advisory circular provides information on fire preventative measures which aircraft servicing personnel should observe during fueling operations.

150/5280-1 Airport Operations Manual (6-16-72).

Sets forth guidelines to assist airport operators in developing an Airport Operations Manual in compliance with the requirements of FAR Part 139.

DESIGN, CONSTRUCTION, AND MAINTENANCE—GENERAL**150/5300-2B Airport Design Standards—Site Requirements for Terminal Navigational Facilities (11-22-71).**

Provides information regarding the relative location and siting requirements for the terminal navigation facilities that may be established on an airport.

150/5300-3 Adaptation of TSO-N18 Criterion to Clearways and Stopways (10-18-64).

Sets forth standards recommended by the FAA for guidance of the public for the adaptation of TSO-N18 criterion to clearways and stopways.

150/5300-4A Utility Airports—Air Access to National Transportation (5-6-69).

Presents recommendations of the Federal Aviation Administration for the design of utility airports. These airports are developed for general aviation operations and this guide has been prepared to encourage and guide persons interested

in their development. (\$1.75 GPO.) TD 4.8:AI 7/968.

150/5300-5 Airport Reference Point (9-26-68).

Defines and presents the method for calculating an airport reference point.

150/5300-6 Airport Design Standards, General Aviation Airports, Basic and General Transport (7-14-69).

Provides recommended design criteria for the development of larger than general utility airports.

150/5300-6 CH-1 (4-13-72).

150/5300-7B FAA Policy on Facility Relocations Occasioned by Airport Improvements or Changes (11-8-72).

Reaffirms the aviation community of the FAA policy governing responsibility for funding relocation, replacement and modification to air traffic control and air navigation facilities that are made necessary by improvements or changes to the airport.

150/5300-8 Planning and Design Criteria for Metropolitan STOL Ports (11-5-70).

Provides the criteria recommended for the planning and design of STOL ports in metropolitan areas.

150/5310-3 FAA Order 5310.2, Relocating Thresholds Due to Obstructions at Existing Runways (5-27-68).

Announces the issuance of instructions to FAA field personnel on the displacement or relocation of thresholds.

150/5320-5B Airport Drainage (7-1-70).

Provides guidance for engineers, airport managers, and the public in the design and maintenance of airport drainage systems. (\$1 GPO.) TD 4.8: 78/970.

150/5320-6A Airport Paving (5-9-67).

Provides data for the design and construction of pavements at civil airports.

150/5320-6A CH 1 (6-11-68).

Transmits page changes and adds new chapter 6 to basic AC.

150/5320-6A CH 2 (2-2-70).

Transmits new paragraphs 3, 4, and 5, and adds a new Appendix 2.

150/5320-6A CH 3 (4-1-70).

Transmits several page changes and new subgrade compaction criteria.

150/5325-2B Airport Design Standards—Air Carrier Airports—Surface Gradient and Line of Sight (2-18-70).

Establishes design standards for airports served by certificated air carriers to assist engineers in (1) designing the gradients of airport surface areas used to accommodate the landing, takeoff, and other ground movement requirements of airplanes while (2) providing adequate line of sight between airplanes operating on airports.

150/5325-3 Background Information on the Aircraft Performance Curves for Large Airplanes (1-26-65).

Provides airport designers with information on aircraft performance curves for design which will assist them in an objective interpretation of the data used for runway length determination.

150/5325-3 CH 1 (5-12-66).

Transmits a revision to the effective runway gradient standards.

150/5325-4 Runway Length Requirements for Airport Design (4-5-65).

Presents aircraft performance curves and sets forth standards for the determination of runway lengths to be provided at airports. The use of these standards is required for project activity under the Federal-Aid Airport Program when a specific critical aircraft is considered as the basis for the design of a runway.

150/5325-4 CH 1 (8-5-65).

Provides amended information for the basic advisory circular and includes aircraft performance curves for the BAC 1-11.

150/5325-4 CH 2 (9-21-65).

Transmits aircraft performance curves for the Boeing 707-300C and the Fairchild F-27 and F-27B.

150/5325-4 CH 3 (4-25-66).

Transmits aircraft performance curves for the Douglas DC-8-55, DC-8F-55, and DC-9-10 Series, the Fairchild F-27J, and the Nord 262.

150/5325-4 CH 4 (5-12-66).

Transmits a revision to the effective runway gradient standards.

150/5325-4 CH 5 (7-13-66).

Transmits aircraft performance curves for the Douglas DC-9-10 Series equipped with Pratt & Whitney JT8D-1 Engines.

150/5325-4 CH 6 (12-8-66).

It is recommended that turbojet powered aircraft use more runway length when landing under wet or slippery, rather than under dry conditions. This change furnishes a basis for estimating the additional recommended length.

150/5325-4 CH 7 (2-7-67).

Presents design curves for landing and takeoff requirements of airplanes in common use in the civil fleet. Also presented are instructions on the use of these design curves and a discussion of the factors considered in their development.

150/5325-4 CH 8 (11-8-67).

Transmits aircraft performance curves for the Boeing 747, Convair 640 (340D or 440D), and Douglas DC-9-30 Series.

150/5325-5A Aircraft Data (1-12-68).

Presents a listing of principal dimensions of aircraft affecting airport design for guidance in aircraft development.

150/5325-6A Airport Design Standards—Effects and Treatment of Jet Blast (7-13-72).

Presents criteria on the jet engine blast velocities associated with aircraft in common use in air carrier service, the effects of these blast velocities during ground operations, and suggested means to counteract or minimize these effects.

150/5325-8 Compass Calibration Pad (5-8-69).

Provides guidelines for the design, location on the airport, and construction of a compass calibration pad, and basic information concerning its use in determining the deviation error in an aircraft magnetic compass.

150/5330-2A Runway/Taxiway Widths and Clearances for Airline Airports (7-26-68).

Presents the Federal Aviation Administration recommendations for landing strip, runway, and taxiway widths and clearances at airports served by certificated air carriers.

150/5330-3 Wind Effect on Runway Orientation (5-5-66).

Provides guidance for evaluating wind conditions and determining their effect on the orientation of runways.

150/5335-1A Airport Design Standards—Airports Served by Air Carriers—Taxiways (5-15-70).

Provides criteria on taxiway design for airports served by certificated route air carriers with present airplanes and those anticipated in the near future.

150/5335-2 Airport Aprons (1-27-65).

Provides the criteria for airport aprons which are acceptable in accomplishing a project meeting the eligibility requirements of the Federal-aid Airport Program.

150/5335-3 Airport Design Standards—Airports Served by Air Carriers—Bridges and Tunnels on Airports (4-19-71).

Provides general guidance to those contemplating the construction of a bridge-type structure to allow aircraft to cross over an essential surface transportation mode.

150/5340-1C Marking of Paved Areas on Airports (11-3-70).

Describes standards for marking serviceable runways and taxiways as well as deceptive, closed, and hazardous areas on airports.

150/5340-4B Installation Details for Runway Centerline and Touchdown Zone Lighting Systems (5-6-69).

Describes standards for the design and installation of runway centerline and touchdown zone lighting systems.

150/5340-5A Segmented Circle Airport Marker System (9-10-71).

Sets forth standards for a system of airport marking consisting of certain pilot aids and traffic control devices.

150/5340-8 Airport 51-foot Tubular Beacon Tower (6-11-64).

Provides design and installation details on the subject tower.

150/5340-9 Prefabricated Metal Housing for Electrical Equipment (8-18-64).

Provides design and installation details on the subject metal housing.

150/5340-13A High Intensity Runway Lighting System (4-14-67).

Provides corrected curves for estimating loads in high intensity series circuits.

150/5340-14B Economy Approach Lighting Aids (6-19-70).

Describes standards for the design, selection, siting, and maintenance of economy approach lighting aids.

150/5340-15B Taxiway Edge Lighting System (4-4-72).

Describes the recommended standards for the design, installation, and maintenance of a taxiway edge lighting system.

150/5340-16B Medium Intensity Runway Lighting System and Visual Approach Slope Indicators for Utility Airports (10-26-70).

Describes standards for the design, installation, and maintenance of medium intensity runway lighting system (MIRL), and visual approach slope indicators for utility airports.

150/5340-17A Standby Power for Non-FAA Airport Lighting Systems (3-19-71).

Describes standards for the design, installation, and maintenance of standby power for nonagency owned airport visual aids associated with the National Airspace System (NAS).

150/5340-18 Taxiway Guidance System (9-27-68).

Describes the recommended standards for design, installation, and maintenance of a taxiway guidance sign system.

150/5340-19 Taxiway Centerline Lighting System (11-14-68).

Describes the recommended standards for design, installation, and maintenance of a taxiway centerline lighting system.

150/5340-20 Installation Details and Maintenance Standards for Reflective Markers for Airport Runway and Taxiway Centerlines (2-17-69).

Describes standards for the installation and maintenance of reflective markers for airport runway and taxiway centerlines.

150/5340-21 Airport Miscellaneous Lighting Visual Aids (3-25-71).

Describes standards for the system design, installation, inspection, testing, and maintenance of airport miscellaneous visual aids; i.e., airport beacons, beacon towers, wind cones, wind tees, and obstruction lights.

150/5340-22 Maintenance Guide for Determining Degradation and Cleaning of Centerline and Touchdown Zone Lights (4-20-71).

Contains maintenance recommendations for determining degradation and cleaning of centerline and touchdown zone lights installed in airport pavement.

150/5340-22 CH 1 (6-23-71).

Transmits a page change to subject advisory circular.

150/5340-23 Guide for Location of Supplemental Wind Cones (8-24-71).

Describes standards for the performance and location of supplemental wind cones.

150/5345-1C Approved Airport Lighting Equipment (10-26-71).

Contains lists of approved airport lighting equipment and manufacturers qualified to supply their product in accordance with the indicated specification requirements.

150/5345-2 Specification for L-810 Obstruction Light (11-4-63).

Required for FAAP project activity.

150/5345-2 CH 1 (10-28-66).

Transmits page changes to the subject advisory circular. This change provides for a new Alloy 360 in the die casting process.

150/5345-3B Specification for L-821 Airport Lighting Panel for Remote Control of Airport Lighting (4-21-72).

Describes the specification requirements for an airport lighting control panel for the remote control of airport lighting circuits and is published by the Federal Aviation Administration for the guidance of the public.

150/5345-4 Specification for L-289 Internally Lighted Airport Taxi Guidance Sign (10-15-63).

Required for FAAP project activity.

150/5345-4 CH 1 (10-28-66).

Transmits page changes to the subject advisory circular. This change provides for a new Alloy 360 in the die casting process.

150/5345-5 Specification for L-847 Circuit Selector Switch, 5,000 Volt 20 Amper (9-3-63).

Required for FAAP project activity.

150/5345-7B Specification for L-824 Underground Electrical Cables for Airport Lighting Circuits (3-18-71).

Describes the specification requirements for underground electrical cables for airport lighting circuits. Published by the FAA for the guidance of the public.

150/5345-9C Specification for L-819 Fixed Focus Bidirectional High Intensity Runway Lights (12-23-69).

Describes the subject specifications requirements and is published by the Fed-

eral Aviation Administration for the guidance of the public.

150/5345-10C Specification for L-828 Constant Current Regulators (10-22-71).

Describes the subject specification requirements and is published by the Federal Aviation Administration for the guidance of the public.

150/5345-11 Specification for L-812 Static Indoor Type Constant Current Regulator Assembly, 4 Kw and 7½ Kw, With Brightness Control for Remote Operations (3-2-64).

Required for FAAP project activity.

150/5345-12A Specification for L-801 Beacon (5-12-67).

Describes the subject specification requirements.

150/5345-12A CH 1 (3-19-71).

Transmits paragraph changes to the subject advisory circular.

150/5345-13 Specification for L-841 Auxiliary Relay Cabinet Assembly for Pilot Control of Airport Lighting Circuits (1-6-64).

Required for FAAP project activity.

150/5345-15 Specification for L-842 Airport Centerline Light 1-6-64).

Required for FAAP project activity.

150/5345-16 Specification for L-843 Airport In-Runway Touchdown Zone Light (1-20-64).

Required for FAAP project activity.

150/5345-17 Specification for L-845 Semiflush Inset Prismatic Airport Light (3-3-64).

Describes the subject specification requirements.

150/5345-18 Specification for L-811 Static Indoor Type Constant Current Regulator Assembly, 4 Kw; With Brightness Control and Runway Selection for Direct Operation (3-3-64).

Required for FAAP project activity.

150/5345-18 CH 1 (5-28-64).

Advises that a detail requirement is not applicable to the circular.

150/5345-19 Specification for L-838 Semiflush Prismatic Airport Light (5-11-64).

Describes the subject specification requirements.

150/5345-20 Specification for L-802 Runway and Strip Light (6-24-64).

Describes the subject specification requirements.

150/5345-20 CH 1 (8-31-64).

Provides amended information for the basic advisory circular.

150/5345-20 CH 2 (1-14-66).

Provides new dimensions for the thickness of the metal stake and an organizational change.

150/5345-20 CH 3 (10-28-66).

Transmits page changes to the subject advisory circular. This change provides for a new Alloy 360 in the die casting process.

150/5345-20 CH 4 (8-5-69).

Describes the subject specification requirements for a runway and strip light.

150/5345-21 Specification for L-813 Static Indoor Type Constant Current Regulator Assembly; 4 Kw and 7½ Kw; for Remote Operation of Taxiway Lights (7-28-64).

Describes the subject specification requirements.

150/5345-22 Specification for L-834 Individual Lamp Series-to-Series Type Insulating Transformer for 5,000 Volt Series Circuit (10-8-64).

Describes the subject specification requirements.

150/5345-23 Specification for L-822 Taxiway Edge Light (10-13-64).

Describes the subject specification requirements.

150/5345-23 CH 1 (1-14-66).

Provides new dimensions for the thickness of the metal stake and an organizational change.

150/5345-23 CH 2 (10-28-66).

Transmits page changes to the subject advisory circular. This change provides for a new Alloy 360 in the die casting process.

150/5345-23 CH 3 (8-5-69).

Describes the subject specification requirements for a taxiway edge light.

150/5345-26A Specification for L-823 Plug and Receptacle, Cable Connectors (5-4-71).

Describes the subject specification requirements.

150/5345-27A Specification for L-807 Eight-foot and Twelve-foot Unlighted or Externally Lighted Wind Cone Assemblies (6-16-69).

Describes the subject specification requirements for a hinged steel pole support, an anodized tapered aluminum hinged base pole support, and an "A" frame fixed support with a pivoted center pipe support.

150/5345-28B Specification for L-851 Visual Approach Slope Indicators and Accessories (2-16-72).

Describes the specification requirements for visual approach slope indicator (VASI) and simple abbreviated visual approach slope indicator (SAVASI) equipment and accessories.

150/5345-29A FAA Specification L-852, Light Assembly, Airport Taxiway Centerline (4-28-71).

Describes FAA Specification L-852, Light Assembly, Airport Taxiway Centerline, for the guidance of the public.

150/5345-30A Specification for L-846 Electrical Wire for Lighting Circuits To Be Installed in Airport Pavements (2-3-67).

Describes, for the guidance of the public, subject specification requirements for electrical wire.

150/5345-31A Specification for L-833 Individual Lamp Series-to-Series Type Insulating Transformer for 600-Volt or 5,000-Volt Series Circuits (4-24-70).

Describes the subject specification requirements and is published by the FAA for the guidance of the public.

150/5345-33 Specification for L-844 Individual Lamp Series-to-Series Type Insulating Transformer for 5,000 Volt Series Circuit 6.6/20 Amperes 200 Watt (1-13-65).

Describes the subject specification requirements.

150/5345-34 Specification for L-839 Individual Lamp Series-to-Series Type Insulating Transformer for 5,000 Volt Series Circuit 6.6/20 Amperes 300 Watt (1-13-65).

Describes the subject specification requirements.

150/5345-35 Specification for L-816 Circuit Selector Cabinet Assembly for 600 Volt Series Circuits (1-28-65).

Describes the subject specification requirements.

150/5345-36 Specification for L-808 Lighted Wind Tee (2-3-65).

Describes the subject specification requirements.

150/5345-37C FAA Specification L-850, Light Assembly Airport Runway Centerline and Touchdown Zone (6-27-72).

Describes subject light assembly for the guidance of the public.

150/5345-38 Changes to Airport Lighting Equipment (3-23-67).

The title is self-explanatory.

150/5345-39A FAA Specification L-853, Runway and Taxiway Centerline Retroreflective Markers (9-17-71).

Describes specification requirements for L-853 Runway and Taxiway Retroreflective markers, for the guidance of the public.

150/5345-41 Specification for L-855, Individual Lamp, Series-to-Series Type Insulating Transformer for 5,000-Volt Series Circuit, 6.6/6.6 Amperes, 65 Watts (4-24-70).

Describes the subject specification and is published by the FAA for the guidance of the public.

150/5345-42 FAA Specification L-857, Airport Light Bases, Transformer Housing and Junction Boxes (10-27-70).

Describes specification requirements for airport light bases, transformer housing and junction boxes for the guidance of the public.

150/5345-43A FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems (11-19-71).

Describes specification requirements for high intensity obstruction lighting systems.

150/5345-44A Specification for L-858 Retroreflective Taxiway Guidance Signs (7-20-71).

Describes the specification for retroreflective taxiway guidance signs.

150/5355-1A International Signs to Facilitate Passengers Using Airports (11-3-71).

Informs airport authorities of the desirability to provide international signs and diagrammatic maps within terminal buildings and of the need for clearly marked road signs for airports.

150/5355-2 Fallout Shelters in Terminal Buildings (4-1-69).

Furnishes guidance for the planning and design of fallout shelters in airport terminal buildings.

150/5360-1 Airport Service Equipment Buildings (4-6-64).

Provides guidance on design of buildings for housing equipment used in maintaining and repairing operational areas.

150/5360-2 Airport Cargo Facilities (4-6-64).

Provides guidance material on air cargo facilities.

150/5360-3 Federal Inspection Service Facilities at International Airports (4-1-66).

Describes and illustrates recommended facilities for inspection of passengers, baggage, and cargo entering the United States through international airport terminals. The material is for the guidance of architect-engineers and others interested in the planning and design of these airport facilities.

150/5370-1A Standard Specifications for Construction of Airports (5-28-68).

Contains specification items for construction of airports and other related information. Acceptable for FAAP project activity. Published in 1968. (\$3.50 GPO.) TD 4.24:968

150/5370-2 Safety on Airports During Construction Activity (4-22-64).

Provides guidelines concerning safety at airports during periods of construction activity.

150/5370-4 Procedures Guide for Using the Standard Specifications for Construction of Airports (5-29-69).

Provides guidance to the public in the use and application of the Standard Specifications for Construction of Airports.

150/5370-5 Offshore Airports (12-15-69).

Announces to the public the availability of a two-volume report on off-

shore airport planning and construction methods.

150/5370-6 Construction Progress and Inspection Report—Federal-Aid Airport Program (3-16-70).

Provides for a report on construction progress and inspection of Federal-aid Airport Program (FAAP) projects, suggests a form for the report, and recommends use of the form unless other arrangements exist to obtain the type of information provided by the form.

150/5370-7 Airport Construction Controls To Prevent Air and Water Pollution (4-26-71).

Supplies guidance material on compliance with air and water standards during construction of airports developed under the Airport and Airway Development Act of 1970.

150/5370-8 Grooving of Runway Pavements (3-16-71).

Provides guidance for the design, installation, and maintenance of grooves in runway pavements.

150/5380-1 Airport Maintenance (4-14-63).

Provides a basic checklist and suggestions for an effective airport maintenance program.

150/5380-2A Snow Removal Techniques Where In-Pavement Lighting Systems Are Installed (12-24-64).

Provides information on damage to in-pavement lighting fixtures by snow removal equipment and recommends procedures to avoid such damage.

150/5380-3A Removal of Contaminants from Pavement Surfaces (10-27-70).

Provides information to the aviation industry relative to cleaning rubber deposits, oil, grease, and jet aircraft exhaust deposits from runway surfaces.

150/5380-4 Ramp Operations During Periods of Snow and Ice Accumulation (9-11-68).

Directs attention to an increased accident potential when snow or ice accumulates on the surfaces of ramps and aircraft parking and holding areas and suggests some measures to reduce this potential.

150/5380-5 Debris Hazards at Civil Airports (3-8-71).

Discusses problems of debris at airports, gives information on foreign objects, and tells how to eliminate such objects from operational areas.

150/5390-1A Heliport Design Guide (11-5-69).

Contains design guidance material for the development of heliports, both surface and elevated. (\$0.75 GPO.) TD 4.108:H36.

Air Navigational Facilities

SUBJECT NO. 170

170-3B Distance Measuring Equipment (DME) (11-8-65).

Presents information on DME and some of its uses to pilots unfamiliar with this navigational aid.

170-6A Use of Radio Navigation Test Generators (3-30-66).

Gives information received from the Federal Communications Commission as to the frequencies on which the FCC will license test generators (used to radiate a radio navigation signal) within the scope of its regulations and gives additional information to assist the user when checking aircraft navigation receivers.

170/6850-1 Aeronautical Beacons and True Lights (8-28-68).

Describes FAA standards for the installation and operation of aeronautical beacons serving as true lights.

170-8 Use of Common Frequencies for Instrument Landing Systems Located on Opposite Ends of the Same Runway (11-7-66).

In the future, common frequencies may be assigned to like components of two instrument landing systems serving opposite ends of the same runway. This will include the localizers, glide slopes, and associated outer and middle marker compass locators (LOM and LMM).

170-9 Criteria for Acceptance of Ownership and Servicing of Civil Aviation Interest(s) Navigational and Air Traffic Control Systems and Equipment (11-26-68).

Contains a revised FAA policy under which the FAA accepts conditional ownership of equipment and systems from civil aviation interests, without the use of Federal funds, and operates, maintains, and provides the logistic support of such equipment.

170-10 FAA Recommendations to FCC on Licensing of Non-Federal Radio Navigation Aids (10-17-69).

Gives background information and describes the basis for recommendations to be made by the FAA to the Federal Communications Commission (FCC) regarding licensing of radio navigation aids.

170-11 Amendment of Federal Aviation Regulation Part 171 (FAR-171)—Cost of Flight and Ground Inspections (9-17-70).

Alerts the public to the amendment to FAR Part 171 pertaining to the payment of ground and flight inspection charges prior to the issuance of an approved IFR procedure.

170-12 Implementation of 50 KHz/Y Channels for ILS/VOR/DME (10-7-70).

Advises aircraft owners, operators and radio equipment manufacturers of plans

for future implementation of split channel assignments in the aeronautical radio navigation bands.

171-1 Estimating Packing and Shipping Costs for Export Shipments for ATC and Navaid Equipments (2-18-66).

Assists personnel engaged in preparing packing and shipping estimates of air navigation and traffic control equipments for overseas shipment.

Administrative

SUBJECT NO. 180

183-30 Directory of FAA Designated Mechanic Examiners (12-14-70).

Provides a new directory of all FAA designated mechanic examiners as of the effective date shown above.

183-31A FAA Designated Parachute Rigger Examiner Directory (1-17-72).

Provides a new directory of all FAA designated parachute rigger examiners as of November 30, 1971.

183.29-1E Designated Engineering Representatives (1-5-70).

Lists in Appendix 1 the Designated Engineering Representatives who are available for consulting work.

Flight Information

SUBJECT NO. 210

210-1 National Notice to Airmen System (2-8-64).

Announces FAA policy for the preparation and issuance of essential flight information to pilots and other aviation interests.

210-2A Established Schedule for Flight Information Effective Dates (9-19-69).

Emphasizes the importance of adherence to the established schedule of effective dates for flight information, and provides a copy of the schedule through June 1971.

210-3 National Notice to Airmen System—Elimination of NOTAM Code (5-22-70).

Announces changes in criteria and procedures for the Notice to Airmen System required to accommodate the transmission of all domestic Notice to Airmen data in clear contracted language and eliminate use of the NOTAM code on the domestic service A circuits.

211-2 Recommended Standards for IFR Aeronautical Charts (3-20-67).

Sets forth standards recommended by the Federal Aviation Administration for the guidance of the public in the issuance of IFR aeronautical charts for use in the National Airspace System (NAS).

Internal Publications

Contractions Handbook, 7340.1C (2-2-72).

Gives approved word and phrase contractions used by personnel connected

with air traffic control, communications, weather, charting, and associated services. (\$6.50—\$8.25 foreign Sub.—GPO.) TD 4.308:C76/969.

Location Identifiers, 7350.1S.

Incorporates all authorized 3-letter location identifiers for special use in United States, worldwide, and Canadian assignments. Dated 5-15-71. (\$6 Sub.—GPO.) TD 4.310:.

En Route Air Traffic Control Handbook, 7110.9C (1-1-73).

Prescribes air traffic control procedures and phraseology for use by personnel providing en route air traffic control service. (\$14 Sub.—GPO.) TD 408:En 1/971.

Terminal Air Traffic Control Handbook, 7110.8C (1-1-73).

Prescribes air traffic control procedures and phraseology for use by personnel providing terminal air traffic control services. (\$24 Sub.—GPO.) TD 4.308:T27/971.

Flight Services, 7110.10B (1-1-73).

This handbook consists of two parts. Part I, the basic, prescribes procedures and phraseology for use by personnel providing flight assistance and communications services. Part II, the teletypewriter portion, includes Services A and B teletypewriter operating procedures, pertinent International Teletypewriter Procedures, and the continuous U.S. Service A Weather Schedules. (\$24—\$30 foreign Sub.—GPO.) TD 4.308:F 64.

International Flight Information Manual, Vol. 20 (April 1972).

This Manual is primarily designed as a preflight and planning guide for use by U.S. nonscheduled operators, business and private aviators contemplating flights outside of the United States.

The Manual, which is complemented by the International Notams publication, contains foreign entry requirements, a directory of aerodromes of entry including operational data, and pertinent regulations, and restrictions. It also contains passport, visa, and health requirements for each country. Published annually with quarterly amendments. \$5—\$5.75 foreign—Annual Sub. GPO.) TD 4.309:16.

International Notams.

Covers notices on navigational facilities and information on associated aeronautical data generally classified as "Special Notices". Acts as a notice-to-airmen service only. Published weekly. (\$11—\$13.75 foreign—Annual Sub. GPO.) D 4.11:.

Airman's Information Manual:

Part 1—Basic Flight Manual and ATC Procedures.

This part is issued quarterly and contains basic fundamentals required to fly in the National Airspace System; adverse factors affecting Safety of Flight; Health and Medical Facts of interest to pilots; ATC information affecting rules, regulations, and procedures; a Glossary of Aeronautical Terms; U.S. Entry and Departure Procedures, including Airports

of Entry and Landing Rights Airports; Air Defense Identification Zones (ADIZ); Designated Mountainous Areas, Scatana, and Emergency Procedures. (Annual Sub. \$7, Foreign mailing—\$1.75 additional. GPO.) TD 4.12:pt. 1/.

Part 2—Airport Directory.

This part is issued semiannually and contains a Directory of all Airports, Seaplane Bases, and Heliports in the conterminous United States, Puerto Rico, and the Virgin Islands which are available for transient civil use. It includes all of their facilities and services, except communications, in codified form. Those airports with communications are also listed in Part 3 which reflects their radio facilities. A list of new and permanently closed airports which updates this part is contained in Part 3.

Included, also, is a list of selected Commercial Broadcast Stations of 100 watts or more of power and Flight Service Stations and National Weather Service telephone numbers. (Annual Sub. \$7, Foreign mailing—\$1.75 additional. GPO.) TD 4.12:pt. 2/.

Parts 3 and 3A—Operational Data and Notices to Airmen.

Part 3 is issued every 28 days and contains an Airport/Facility Directory containing a list of all major airports with communications; a tabulation of Air Navigation Radio Aids and their assigned frequencies; Preferred Routes; Standard Instrument Departures (SIDs); Substitute Route Structures; a Sectional Chart Bulletin, which updates Sectional charts cumulatively; Special General and Area Notices; a tabulation of New and Permanently Closed Airports, which updates Part 2; and Area Navigation Routes.

Part 3A is issued every 14 days and contains Notices to Airmen considered essential to the safety of flight as well as supplemental data to Part 3 and Part 4. (Annual Sub. \$44, Foreign mailing—\$11 additional. GPO.) TD 4.12:pt. 3/.

Part 4—Graphic Notices—Supplemental Data.

Part 4 is issued quarterly and contains abbreviations used in all parts of AIM; Parachute Jump Areas; VOR Receiver Check Points; Special Notice

Area Graphics; and Heavy Wagon and Oil Burner Routes.

Future editions will be expanded to include Special Terminal Area Charts and data not subject to frequent change. (Annual Sub. \$9.50, Foreign mailing—\$2.50 additional. GPO.) TD 4.12:pt. 4/.

Aircraft Type Certificate Data Sheets and Specifications.

Contains all current aircraft specifications and type certificate data sheets issued by the FAA. Monthly supplements provided. (\$72—Sub., Foreign mailing—\$18 additional. GPO.) TD 4.15:967.

Aircraft Engine and Propeller Type Certificate Data Sheets.

Contains all current aircraft engine and propeller type certificate data sheets and specifications issued by FAA. Monthly supplements provided. (\$28.50—Sub., Foreign mailing—\$7.25 additional. GPO.) TD 4.15/2:968.

Summary of Airworthiness Directives for Small Aircraft (1-1-72) Volume I.

Presents, in volume form, all the Airworthiness Directives for small aircraft issued through December 31, 1971. AD's for engines, propeller, and equipment are included in each volume. Each volume is arranged alphabetically by product manufacturer. (\$5.50 Sub.—GPO.) TD 4.10/2:972.

Summary of Airworthiness Directives for Large Aircraft (1-1-72) Volume II.

Presents, in volume form, all the Airworthiness Directives for large aircraft (over 12,500 pounds maximum certificated takeoff weight) issued through December 31, 1971. AD's for engines, propellers, and equipment are included in each volume. (\$6.25 Sub.—GPO.) TD 4.10/3:972.

Summary of Supplemental Type Certificates.

Contains all supplemental type certificates issued by FAA regarding design changes in aircraft, engines, or propellers. List includes description of change, the model and type certificate number, the supplemental type certificate number, and the holder of the change. Quarterly supplements provided. (\$41—Sub., Foreign mailing—\$10.25 additional. GPO.) TD 4.36:971.

STATUS OF THE FEDERAL AVIATION REGULATIONS

As of December 15, 1972

FEDERAL AVIATION REGULATIONS VOLUMES

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Part 25	Airworthiness Standards: Transport Category Airplanes.		
Part 36	Noise Standards: Aircraft Type Certification.		
Volume IV		\$5.00 plus \$1.25 foreign mailing.....	6
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Part 29	Airworthiness Standards: Transport Category Rotorcraft.		
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WILLIAM E. MURPHY,
Acting Manager,
Headquarters Operations.

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federal register

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WASHINGTON, D.C.

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PART III



FEDERAL COMMUNICATIONS COMMISSION

■

FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS

General Rules and Regulations

Title 47—Telecommunication

CHAPTER I—FEDERAL COMMUNICATIONS COMMISSION

[Docket No. 19547; FCC 73-169]

PART 2—FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS

Space Telecommunication

Report and order. In the matter of amendment of Part 2 of the Commission's rules to conform, to the extent practicable, with the Geneva Radio Regulations, as revised by the Space WARC, Geneva, 1971, Docket No. 19547.

1. The Commission, on July 14, 1972, adopted a notice of proposed rule making in the above captioned proceeding, which was released on July 26, 1972, and published in the FEDERAL REGISTER on August 4, 1972 (37 FR 15714). A correction of the FEDERAL REGISTER was published on November 28, 1972 (37 FR 25175). The time for filing comments and reply comments was originally established as September 29, 1972, and October 10, 1972. Pursuant to the filing of motions to extend by the Central Committee on Communications Facilities of the American Petroleum Institute and the Utilities Telecommunications Council, the time for filing comments and reply comments was extended, by Order of the Commission's General Counsel released October 2, 1972, to October 30, 1972, and November 10, 1972, respectively. Pursuant to a filing by Communications Satellite Corp., the time for filing reply comments was, by Order of the Commission's General Counsel, released on November 10, 1972, extended to November 17, 1972.

2. Comments were filed by the Association of Maximum Service Telecasters (AMST); MCI-Lockheed Satellite Corp. (MCI); Department of Health, Education, and Welfare (HEW); American Telephone & Telegraph Co. (A.T. & T.); National Association of Manufacturers (NAM); Aeronautical Radio, Inc. and the Air Transport Association of America (Arinc/ATA); Corporation for Public Broadcasting (CPB); Joint Council on Educational Telecommunications (JCET); General Electric Co. (GE) National Association of Broadcasters (NAB); Central Committee on Communication Facilities of the American Petroleum Institute (API); Communications Satellite Corp. (ComSat); Fairchild Industries (Fairchild); and Utilities Telecommunications Council (UTC). Reply comments were timely filed by the following entities: Hughes Aircraft Co. (Hughes); CPB; AMST; MCI-Lockheed; A.T. & T.; ComSat; and the ABC, CBS and NBC Television Network Affiliates Association (Affiliates).

(3) As set forth in the notice, the purpose of the instant proceeding was to align to the extent practicable Part 2 of the Commission's rules and regulations with the international radio regulations as revised by the Space World Administrative Radio Conference held in Geneva, Switzerland in June-July 1971. The majority of the proposed changes set forth

in the notice evoked no response; however, several of the proposed changes, particularly those affecting sharing of certain microwave bands and the reservation of spectrum for satellite broadcasting, generated substantial controversy. These areas will be discussed in succeeding paragraphs.

BROADCASTING SATELLITE SERVICE

4. In the notice, the Commission proposed to make the following bands available to the broadcasting-satellite service: 2500-2690 MHz shared; 11.7-12.2 MHz in Regions 2 and 3, shared; 41.0-43.0 GHz; and 84-86 GHz exclusive.

It was pointed out that there were no present plans to implement a broadcasting-satellite service on either a domestic or an international basis and that our intentions with respect to the service were to keep our options open for the foreseeable future during which the results of the WARC remained in force.

In carrying out these intentions, the Commission proposed to refrain from reflecting footnote 332A in the national Table of Frequency Allocations. This footnote, adopted at the Space WARC, would have permitted access to the band 620-790 MHz in developing a broadcasting-satellite service. This decision reflected a national unwillingness, at this time at least, to encourage development of the service in that band.

5. With the exception of ComSat, other respondents who commented in this matter supported the Commission's desire to refrain from reflecting footnote 332A in the 620-790 MHz band. ComSat, while concurring with the aforesaid philosophy, did not agree that inclusion of the footnote would constitute a commitment to use the band for the broadcasting-satellite service. On the contrary, ComSat believed that such an omission would indicate a lack of interest, on the part of the United States, in developing the service in that band.

6. GE, NAB, and AMST not only supported the concept of open options, but expressed the view that attempts to sub-allocate or designate the 11.7-12.2 GHz band or any portion thereof for a domestic broadcasting-satellite service were inconsistent with that concept. AMST also expressed the same view with respect to the 41-43 GHz and 84-86 GHz bands.

7. The proposed allocation of the 11.7-12.2 GHz band drew the heaviest volume of comments. Although the proposed Table of Frequency Allocations reflected the broadcasting-satellite and fixed-satellite services sharing on a coequal primary basis with the mobile service sharing on secondary basis, paragraph 11 of the notice indicated the intention to allocate the lower portion of the band to the fixed-satellite service on a primary basis with the broadcasting satellite service on a secondary basis while, in the upper portion, the allocation status would be reversed. The terrestrial mobile service would, of course, remain secondary throughout the 11.7-12.2 GHz band.

8. The majority of the comments filed with respect to the band 11.7-12.2 GHz cited the many uncertainties surround-

ing the parameters of any broadcasting satellite service. Uncertainties cited included not only the bandwidth, power flux density, channel requirements, orbit requirements and frequency sharing criteria, but questions with respect to the interface policies between the satellite and terrestrial broadcasting services were also raised. In an attempt to obviate these uncertainties in order to proceed with fixed-satellite services, whose parameters are more definable at present, several proponents (MCI, ComSat, Fairchild) suggested the reservation of orbital slots for the broadcasting-satellite service. Others, particularly CPB, HEW, AMST, GE, NAB, and NAB, recommended that any allocation be deferred until additional information concerning the system parameters becomes more defined. A.T. & T., in their reply comments, believed that such action would not be in the national interest and that an allocation consistent with the U.S. position to the WARC (i.e. as reflected in the proposed table) should be taken. ComSat, in their reply comments, believed deferral of an allocation at this time could be detrimental to our national interests if other countries' systems were developed which would conceivably dictate less than optimum channeling and/or orbital locations.

9. The proposed allocation of the 2500-2690 MHz band to the broadcasting satellite service was generally endorsed although CPB felt that sharing part of the band with the fixed-satellite service might impair the broadcasting service. Additionally, CPB expressed concern over the possibility of a virtual guard-band established between radio astronomy and the broadcasting satellite service and believed that footnote U.S. 74 should provide adequate protection. In this connection CPB also expressed the hope that NASA proposed experiments using the ATS-F satellite would provide a better assessment of the interference potential in this regard.

10. A second proposed use of the band which elicited numerous comments dealt with the use of the 2500-2535 MHz band as a downlink and the 2655-2690 MHz band as an uplink in the fixed satellite service. The JCET, CPB, Hughes and ComSat expressed the desire that these bands be made available for use in the contiguous United States, as well as in Alaska, Guam, and Hawaii, as proposed in footnote NG 102. Hughes also added that the band is highly desirable for uplinks because of development, power level, cost and reliability status of power transistor amplifiers. HEW cited a lack of clear guidance from the Commission as to the matching uplink for fixed satellite frequencies to feed the broadcasting satellite. ComSat, in their reply comments, saw no justification at this time for restricting the design of satellite systems by assigning a specific up-link frequency band for operation with the 2500-2690 MHz band. Fairchild, pointing to insufficient isolation between the transmitter and receiver, objected to the Commission's proposal, while Hughes Aircraft, basing their opinion on the design

of a satellite transponder using the proposed arrangement, disagreed. Additionally, GE cited possible interference problems in Alaska, Guam, and Hawaii, and stated the need for additional restrictions on installation of transmitters in those areas to be served by community satellites in the 2500-2690 MHz band.

11. After a careful review and consideration of the comments and reply comments, the Commission believes the national interest, with respect to frequency allocations for broadcasting satellites, can best be served in the following manner. Initially, it should be reiterated that our basic policy remains as described in paragraph 9 of the notice and referenced in paragraph 4 above, i.e., keep our options open during the period the Final Acts of the Space WARC remain in force.

12. With respect to the 620-790 MHz band, the Commission is not persuaded that the provisions of footnote 332A would be useful in the United States at this time. Our present posture remains that, to the best of our knowledge, there are no plans in the United States to implement a broadcasting satellite service on either a domestic or international basis in the band 620-790 MHz. The comments of ComSat notwithstanding, we believe reflection of footnote 332A in the 620-790 MHz band would at least imply a willingness nationally to see the service develop in the band—an implication not yet clearly justified. Accordingly, we prefer to adhere to our original posture of not reflecting footnote 332A in the 620-790 MHz band at this time.

13. While the Commission's proposals concerning the 11.7-12.2 GHz and the 41-43 and 84-86 GHz bands might appear to be inconsistent with the approach taken with the 620-790 MHz band insofar as the broadcasting satellite service is concerned (as was alleged by AMST), there is an important distinction. Whereas no plans are known to be under consideration in the United States to use the 620-790 MHz band for broadcasting satellites, studies and experimentation in communication technology by both industry and the NASA are being focused on the use of the 11.7-12.2 GHz band for that purpose. Additionally, since the allocations at 41-43 and 84-86 GHz were made on a worldwide basis, present no known problems domestically, and offer some degree of guidance for future planning, there has been no valid reason demonstrated why those higher bands should not be allocated to the broadcasting service at this time.

14. Our problem with respect to the 11.7-12.2 GHz band lies not with the proposal to allocate the band for the broadcasting satellite service, per se, but how sharing with the fixed-satellite and terrestrial mobile services shall be accomplished. As indicated in paragraphs 7 and 8 supra, the sharing methodology proposed drew substantial opposition. This opposition was based primarily on the uncertainties surrounding the technical parameters and the spectrum requirements for a broadcasting satellite

service vis-a-vis the fixed satellite service.

15. After reviewing both the comments and the technological state-of-the-art and discussing the matter informally with representatives of industry and other Federal agencies, we agree the allocation proposed is premature and could influence adversely the development of either the broadcasting satellite or fixed satellite services or both. While the assignment of either orbital arc or orbital slots, as suggested by MCI, ComSat, and Fairchild might provide a better solution to the problems raised, the space conference rejected that approach. Rather, the conference adopted a philosophy of flexibility, recognizing equal rights for the radio services and for the administrations using the shared bands. Procedures were adopted in Article 9A for the accommodation of new operations in the face of operations in being to include relocation of satellites already in place, if necessary.

16. Allowing the band to lie fallow, as suggested by several respondents, would allow the time for each technology to develop more fully; however, as pointed out by A.T. & T., such action would represent ineffective and inefficient spectrum management. Moreover, we recognize the constraints such action could impose on design and use of satellite systems domestically, if other systems were developed by other countries in an incompatible manner. Consequently, we reject that posture.

17. On balance and, in an effort to retain our flexibility, we will withdraw the proposal to split the 11.7-12.2 GHz band between the broadcasting satellite and fixed satellite services and to make the former service primary in the upper half and secondary in the lower while reversing the status with the latter service. Instead, we believe a better approach is to reflect the allocation to the broadcasting satellite and fixed satellite services on a coequal primary basis with the terrestrial mobile services on a secondary basis over the entire 500 MHz between 11.7-12.2 GHz. However, a new footnote, NG 105, is being applied to the band, which will indicate our intention to make no assignments to the broadcasting or fixed satellite services in that band until the respective service and technical parameters are better defined. At such time, a notice of proposed rule making can be issued to focus attention on the respective service needs. Since system parameters and demands for either service are not yet clear, such action should not be harmful to proponents of either view. Such action is, however, a clear reflection of our ultimate general allocation intentions.

18. With respect to the 2500-2690 MHz band, the majority of the comments dealt with the restrictions imposed by proposed footnote NG 102. CPB, NAEB, JCET, ComSat, and Hughes (in their reply comments) support the extension of the 2500-2535 MHz downlink and 2655-2690 MHz uplink bands in the fixed-satellite service to the contiguous United States as well as Alaska, Hawaii,

Guam, Samoa, and the Trust Territories. As pointed out in the notice (paragraph 14), it was originally planned to limit such use to Alaska, but this use was extended to the Pacific areas to meet a need for an interface between the islands and the global communication networks after it was noted there were no terrestrial assignments in either Guam or Hawaii in the two bands. It was originally believed the present high usage coupled with that anticipated by educators in the 2500-2690 MHz Instructional Television Fixed Service band would preclude satisfactory sharing of the two 35-MHz links in the contiguous United States.

19. In view of the fact that terrestrial usage of the 2500-2690 MHz band appears concentrated in urban areas and that the educational community strongly supports extension of the fixed satellite allocation to the entire United States to meet their prospective needs for two-way audio transmissions, we believe that, with careful system design, a relaxation of the proposed restriction is feasible. Consequently, we are making the 2500-2535 MHz and 2655-2690 MHz bands available to the educational community in the contiguous United States. Because we believe the thin-route fixed-satellite needs in Alaska and the Pacific region can be met by sharing those bands with educational services in those areas, we will retain footnote NG 102 as was proposed, at least until the needs of each service become more clearly defined. Due to the lower antenna elevation angles required in Alaska as opposed to those in lower latitudes, the restrictions imposed on terrestrial stations in the 2655-2690 MHz band by footnote NG 47 will still apply in order to protect satellite-borne receivers in that band.

20. Fairchild, in their comments, indicated that the limited separation between the uplink and downlink would "probably" make it difficult to provide sufficient isolation between the transmitter and receiver within the weight constraints normally associated with communication satellites. Hughes, in their reply comments, did not agree, basing their response on preliminary design work already conducted. While this question was not addressed by other respondents, we believe, based on available study results, that sufficient isolation can, in fact, be achieved.

21. HEW requested guidance with respect to a matching uplink band to feed broadcasting satellite use of the 2500-2690 MHz band. We agree with ComSat that the design of satellite systems should not be restricted at this time. Instead, it should be pointed out that the use of any fixed-satellite band would be appropriate for the purpose. Since, depending on the particular needs and system design, several bands could be required, it appears premature to make a designation at this time.

22. CPB, while pleased with the allocation of the 2500-2690 MHz band to the broadcasting satellite service, nevertheless expressed reservations about the utility of the band for that purpose in

view of the need for sharing the two 35-MHz bands at each end with the fixed-satellite service. Despite their reservations, they advocate use of the bands in the conterminous United States as well as Alaska and the Pacific basin proposed. They explain this inconsistency by expressing the belief that any broadcasting satellite service will likely develop at 12 GHz instead of at 2.5 GHz. Because the United States intends the band to be used for community reception of educational and public service material and for fixed satellite usage by the educational community in the United States (except as stated above), we believe the utility of the 2500-2690 MHz band has been enhanced.

23. CPB also expressed concern about possible constraints in view of a possible guardband between the radio astronomy service in the 2690-2700 MHz band and the broadcasting satellite service between 2500-2690 MHz. GE believed the problems regarding protection of radio astronomy from satellite operations in the 2500-2690 MHz band are overstated. They cited the fact that, because of the continued relative motion of the satellite, the probability of main lobe reception of out-of-band interference is low for the worst case and is zero for most.

24. We believe the incorporation of reasonable technical measures in the bands 2500-2690 and 2690-2700 MHz on behalf of each of the services involved will enhance sharing between broadcasting satellites and radio astronomy operations. The results of the forthcoming ATS-F tests should provide valuable data in this regard. Further, the provisions of existing footnote U.S. 74 are also relevant.

25. GE suggested that additional restrictions were needed on installation of transmitters in those areas of Alaska and the Pacific Basin to be served by community or thin route satellites. We agree that conditions of frequency coordination, siting, elevation angles and power flux density, etc., may need to be imposed. However, pending design of such systems, we are not prepared to delineate with greater specificity than presently imposed. We believe greater utility of the frequency band can be achieved at this time by calling attention to the interference potentials and permitting design flexibility than could be achieved by attempting to develop arbitrary standards based on hypothetical situations. In view of tests scheduled by NASA and other entities in connection with the ATS program, better information in this regard is expected to be made available in the near future.

FIXED SATELLITE SERVICE

26. The frequency bands allocated by the Space WARC to the fixed satellite service were reflected in paragraph 19 of the notice of proposed rule making. In addition to the 2500-2690 MHz and 11.7-12.2 MHz bands which were proposed for sharing with the broadcasting satellite service and which were discussed above, the band 6625-7125 MHz and the bands 10.95-11.2, 11.45-11.7, 17.7-19.7, and 19.7-

21.2 GHz proposed for allocation to the fixed satellite service generated the most comment. The allocation of the 59-64 GHz band to Government services drew significant discussion also.

27. Apparently because the U.S. proposal to allocate the 6625-7125 MHz band to the fixed satellite service on a coequal shared basis with terrestrial fixed and mobile services in Region 2 was a last minute change to our position and had been misunderstood or at least inadequately explained, API, NAM, and the UTC directed a great deal of comment toward it. All three expressed concern for adequate spectrum in which operational fixed microwave growth could be accommodated in this region of the spectrum. As the proposal overlaps the 6525-6875 MHz band, now allocated for private microwave services, it was believed that use of the band by fixed satellites, as proposed by footnote NG 103, would compromise use of the upper 250 MHz by those services. API expressed the opinion that no public interest consideration had been shown for raising footnote 392 AA from the WARC accepted secondary status of the fixed-satellite service to a coequal shared status in the United States.

28. As pointed out in paragraph 14 of the report and order in Docket No. 18294, adopted December 18, 1970, the U.S. proposal regarding the 6625-7125 MHz band was made to the WARC to provide for this essentially one-way service in an economical manner based upon representation of the CBS Television Network Affiliates Association. Additionally, the Affiliates submitted comments and an engineering statement in Docket 16495 which showed that the 6625-7125 MHz band was more effective and efficient for satellite down link, primarily because of increased rainfall attenuation at the higher frequency bands. The Commission's decision in Docket 18294 (the domestic satellite proceeding) considered the public interest aspects of affording local television stations an opportunity to own and operate their own stations should they so desire.

29. With respect to possible interference from space stations to terrestrial stations, the power flux density limits established by footnote No. 470 NM of the Final Acts of the WARC would appear to provide more than adequate protection for terrestrial systems operating in the 6625-7125 MHz band. Further, the burden of providing the coordination contour and proof of noninterference would, as pointed out by ComSat in their reply comments, rest with a potential earth station applicant. In view of the above, we find no merit in the objections of API and UTC to the application of footnote NG 103 to the band 6625-7125 MHz as proposed.

30. UTC also took exception to the Commission's proposal to reallocate the 17.7-19.7 and 27.5-29.5 GHz bands from the fixed and mobile services generally (e.g. both private and common carrier use) to exclusively common carrier. Their objections are based upon a need to provide spectrum relief for operational

fixed services as the bands below 13 GHz become saturated. UTC suggested that sharing between terrestrial operational fixed and space systems can be accommodated just as sharing between terrestrial common carrier and space systems.

31. As A.T. & T. correctly points out in their reply comments, the private users are not being deprived of spectrum availability in that region by virtue of the proposal. Other bands, such as 21.2-22.0 GHz, 22.0-23.6 GHz, 31.0-31.2 GHz and 38.6-40.0 GHz are available although the first two bands cited are presently to be shared with Government services. UTC has not shown any particular needs for this range of the radio spectrum as yet nor can such a showing be made at this time because lower bands allocated for operational fixed use are not yet saturated. On the contrary, common carrier bands at 4, 6 and 11 GHz are rapidly becoming saturated.

32. Further, as UTC is aware, the Commission undertook in 1958 a lengthy proceeding in Docket 11866 to determine spectrum needs and allocation policies in the bands above 890 MHz. Among the resulting policies enunciated by the Commission was the need for separate bands for common carrier and private communication systems. Based principally on differing requirements, reliability and needs between the common carrier and private services, this policy has remained; indeed the policy was underscored pursuant to proceedings in Docket 14729 in 1963 and no showing has been made that a reversal of that policy is now in order.

33. Nevertheless the Commission, on November 29, 1972, adopted a further notice of proposed rule making in Docket No. 18920, in which it was pointed out in footnote 7a, that, before finalizing restriction of the 18 GHz band to common carrier use, we would consider any comments filed therein as to whether private users should also have access to the band on either a shared basis or by allocating a portion for private use.

34. Accordingly, although on the basis of the record in this proceeding, adoption of our proposal to allocate the bands 17.7-19.7 and 27.5-29.5 GHz to common carrier would be justified, we will postpone final decision with respect to the 17.7-19.7 GHz band until the comments in Docket 18920 have been considered. We will, however, allocate the band 27.5-29.5 GHz to the common carrier radio services. A new footnote NG 106, is being applied to the lower band to reflect this decision.

35. In their comments and reply comments, ComSat and A.T. & T. respectively, differ concerning the intent with respect to limiting, by footnote NG 104, the allocation of the 10.95-11.2 and 11.45-11.7 GHz bands to the international satellite service. ComSat questions whether such a general understanding existed prior to and during the WARC and cites the fact that the final Acts do not reflect such an understanding. ComSat further believes the bands should be available for domestic satellite communication as well, and offers comments

showing that the bands could be shared by terrestrial, domestic satellite and international satellite services. ComSat concedes, however, that such sharing could influence the system design of specific systems; however, they believe more efficient use of the spectrum would result.

36. A.T. & T., in response, cites correspondence between it and the Commission as well as proceedings in Docket 18294 which reflect the intent for the two bands in question. A.T. & T., in their comments, requested the insertion of the word "transoceanic" in footnote NG 104 to so limit sharing to those international applications.

37. As the Commission previously indicated in Docket 18294 (sixth notice of proposed rule making, paragraph 38, and seventh report and order, paragraph 28), the anticipated profusion of earth stations coupled with the growth of terrestrial microwave stations in the 10.7-11.7 GHz band was expected to create severe problems if the domestic satellite service were permitted co-use of the bands. While the position may be somewhat inconsistent with that taken with respect to the 4 and 8 GHz bands, as alleged by ComSat, the Commission is not persuaded that a change in the position previously stated is warranted at this time. Accordingly, ComSat's arguments are denied.

38. With respect to the request of A.T. & T. regarding modification of footnote NG 104 to include the word "transoceanic" in further restriction of international satellite operations, we do not concur. As pointed out by ComSat, such a restriction could be interpreted to preclude service to other countries of the Western Hemisphere. We believe the number of earth stations involved with such operations to be so small as to create few problems of potential interference to the terrestrial network. Therefore, footnote NG 104 will remain as proposed.

39. Several respondents, notably A.T. & T., NAM, GE, and Fairchild, recommended action be initiated to extend non-Government sharing of certain frequency bands into spectrum allocated to Government services. These bands included the 59-64 GHz, 7125-8400 MHz, and 14.5-15.35 GHz bands. Such action is outside the scope of the instant proceeding; however, should the necessity arise and adequate justification become available, such action may be initiated in the Commission's continuing review with the Federal Government of spectrum allocation matters.

40. Fairchild indicated the 6625-7125 MHz band fixed satellite downlink approved along with the 14.0-14.5 GHz uplink as a companion band could pose problems because of the possibility of second harmonic interference and urged the Commission to investigate the possibility of a more compatible uplink.

41. As pointed out in paragraph 17 of the notice, the uplink band originally proposed by the United States, 12.75-13.25 GHz, was not accepted by the WARC. As a compromise, the band 14.0-

14.5 GHz was allocated. Since neither the WARC final Acts nor the Commission's rules match a given uplink band with a specific downlink band, this newly allocated band might be employed by domestic systems using the 11.7-12.2 GHz downlink band (subject to footnote NG 105), and by international systems using the 10.95-11.2 and 11.45-11.7 GHz downlink bands.

MISCELLANEOUS ISSUES

42. ARINC/ATA, in their comments, generally supported the Commission's proposal relating to the aviation needs, but raised two points. The first deals with the need to accommodate the conventional aeronautical mobile environment as well as the application of space techniques. Accordingly, they believed that terrestrial use of the 1535-1660 MHz band for the aeronautical mobile (R) services should be on an equal basis with the aeronautical mobile satellite (R) services. The second issue deals with a petition for rule making (RM 1861) which was filed with the Commission on September 30, 1971, and which requests allocations for two subbands of 4 MHz each to accommodate projected 1985 control requirements. That petition is still pending before the Commission.

43. Both of these issues were raised during the development of the U.S. position for the Space WARC in Docket 18294. We are aware the matters have not yet been formally considered and that dispositive actions have not yet been taken. While the Commission understands the concern of ARINC in these matters, we are also aware of discussions now taking place within the aviation community, both domestically and internationally, regarding aeronautical needs in the band. Additionally, the Maritime WARC scheduled for 1974 is also expected to consider use of the 1535-1660 MHz band, portions of which are shared between the Maritime Mobile Satellite and Aeronautical Mobile Satellite Services. We therefore believe consideration of the ARINC/ATA proposals in this proceeding is premature and inappropriate. Accordingly they are denied.

44. General Electric also submitted comments concerning the suitability of bands allocated for the maritime and aeronautical satellite needs. Their comments were based upon an internal study which indicates that the allocations are somewhat less than optimum. GE raised the matter not as a recommendation, but for information primarily because the study is incomplete. Accordingly, we will note the comments and suggest that further information derived be made available when the time is more appropriate and conclusions are more reliable.

45. GE also endorsed the Commission's proposals with respect to the Radio Navigation, Standard Frequency and Time Signal Satellite Services, and suggested changing the wording of certain footnotes (U.S. 201, for example) to read "outside of U.S.A. territorial limits" where flux density limitations are imposed. Such action, GE believes, would be more consistent with the wording of

(332A) where a distinction between domestic and international interference protection might be desired. In addition to the practical problem of adhering to specified limits at prescribed boundaries, it should be noted the power flux density limits were established to meet acceptable operational parameters of the earth exploration satellite service to permit sharing with existing services. Further, such an approach is preferable, since by implication, the proposed condition would permit greater power flux density limits domestically—a condition not intended. Accordingly, the suggestion is denied.

46. In view of the foregoing, the Commission believes the changes discussed are in the public interest, convenience, and necessity. Accordingly, it is ordered. In accordance with authority contained in section 4(i) and 303 of the Communications Act of 1934, as amended, the table of frequency allocations contained in Part 2 of the Commission's rules and regulations is amended as reflected in the attached appendix effective March 1, 1973. Although the Commission is making this order effective on March 1, 1973, it should be noted the Final Acts of the Space WARC entered into force internationally on January 1, 1973.

47. It is further ordered, That the proceedings in Docket 19547, are hereby terminated.

(Secs. 4, 303, 48 Stat., as amended, 1066, 1082; 47 U.S.C. 154, 303)

Adopted: February 14, 1973.

Released: February 23, 1973.

FEDERAL COMMUNICATIONS
COMMISSION,¹

[SEAL] BEN F. WAPLE,
Secretary.

Part 2 is amended as follows:

§ 2.1 [Amended]

1. Section 2.1 is amended as follows:

a. The definitions of the following terms are deleted:

Communication-satellite earth station.
Communication-satellite service.
Communication-satellite space station.
Meteorological-satellite earth station.
Meteorological-satellite space station.
Radionavigation-satellite earth station.

Radionavigation-satellite space station.

Space research earth station.

Space research space station.

Space service.

Stationary satellite.

Terrestrial service.

b. The following definitions are amended to read as set forth below:

Deep space. Space at distances from the earth approximately equal to, or greater than, the distance between the earth and the moon.

Earth station. A station located either on the earth's surface or within the major portion of the earth's atmosphere intended for communication:

¹ Commissioner Johnson concurring in the result; Commissioner Reid absent.

(a) With one or more space stations;
or

(b) With one or more stations of the same kind by means of one or more passive satellites or other objects in space.

Meteorological-satellite service. An earth exploration-satellite service for meteorological purposes.

Radionavigation-satellite service. A radiodetermination-satellite service used for the same purposes as the radionavigation service; in certain cases this service includes transmission or retransmission of supplementary information necessary for the operation of radionavigation systems.

Safety service. A radiocommunication service used permanently or temporarily for the safeguarding of human life and property on the earth's surface, in the air or in space.

Spacecraft. A manmade vehicle which is intended to go beyond the major portion of the earth's atmosphere.

Space research service. A radiocommunication service in which spacecraft or other objects in space are used for scientific or technological research purposes.

Space station. A station located on an object which is beyond, is intended to go beyond, or has been beyond, the major portion of the earth's atmosphere.

Terrestrial station. A station effecting terrestrial radiocommunication.

c. The following new definitions are added in proper alphabetical sequence:

Aeronautical mobile-satellite service. A mobile-satellite service in which mobile earth stations are located on board aircraft. Survival craft stations and emergency position indicating radio-beacon stations may also participate in this service.

Aeronautical radionavigation-satellite service. A radionavigation-satellite service in which mobile earth stations are located on board aircraft.

Amateur-satellite service. A radiocommunication service using space stations on earth satellites for the same purposes as those of the amateur service.

Broadcasting-satellite service. A radiocommunication service in which signals transmitted or retransmitted by space stations are intended for direct reception by the general public.

Note: In the broadcasting-satellite service, the term "direct reception" shall encompass both individual reception and community reception.

Community reception (in the broadcasting-satellite service). The reception of emissions from a space station in the broadcasting-satellite service by receiving equipment, which in some cases may be complex and have antennas larger than those used for individual reception, and intended for use:

(a) By a group of the general public at one location, or

(b) Through a distribution system covering a limited area.

Earth exploration-satellite service. A radiocommunication service between earth stations and one or more space stations in which:

(a) Information relating to the characteristics of the earth and its natural phenomena is obtained from instruments on earth satellites;

(b) Similar information is collected from airborne or earth-based platforms;

(c) Such information may be distributed to earth stations within the system concerned;

(d) Platform interrogation may be included.

Fixed-satellite service. A radiocommunication service:

(a) Between earth stations at specified fixed points when one or more satellites are used; in some cases this service includes satellite to satellite links, which may also be effected in the inter-satellite service;

(b) For connection between one or more earth stations at specified fixed points and satellites used for a service other than the fixed-satellite service (for example, the mobile-satellite service, broadcasting-satellite service, etc.).

Geostationary satellite. A satellite, the circular orbit of which lies in the plane of the earth's equator and which turns about the polar axis of the earth in the same direction and with the same period as those of the earth's rotation. The orbit on which a satellite should be placed to be a geostationary satellite is called the "geostationary satellite orbit".

Individual reception (in the broadcasting-satellite service). The reception of emissions from a space station in the broadcasting-satellite service by simple domestic installations and in particular those possessing small antennas.

Inter-satellite service. A radiocommunication service providing links between artificial earth satellites.

Land mobile-satellite service. A mobile-satellite service in which mobile earth stations are located on land.

Maritime mobile-satellite service. A mobile-satellite service in which mobile earth stations are located on board ships. Survival craft stations and emergency position indicating radio-beacon stations may also participate in this service.

Maritime radionavigation-satellite service. A radionavigation-satellite service in which mobile earth stations are located on board ships.

Mobile-satellite service. A radiocommunication service:

(a) Between mobile earth stations and one or more space stations; or between space stations used by this service;

(b) Or between mobile earth stations by means of one or more space stations;

(c) And if the system so requires, for connection between these space stations and one or more earth stations at specified fixed points.

Radiodetermination-satellite service. A radiocommunication service involving the use of radiodetermination and the use of one or more space stations.

Satellite system. A space system using one or more artificial earth satellites.

Space operation service. A radiocommunication service concerned exclusively with the operation of spacecraft, in particular tracking, telemetry and telecommand. These functions will normally be provided within the service in which the space station is operating.

Space radiocommunication. Any radiocommunication involving the use of one or more space stations or the use of one or more passive satellites or other objects in space.

Space system. Any group of co-operating earth and/or space stations employing space radiocommunication for specific purposes.

Standard frequency-satellite service. A radiocommunication service using space stations on earth satellites for the same purposes as those of the standard frequency service.

Terrestrial radiocommunication. Any radiocommunication other than space radiocommunication or radio astronomy.

2. Section 2.100 is amended to read as follows:

§ 2.100 International regulations in force.

The Radio Regulations (Geneva, 1959), which became effective internationally on May 1, 1961, were incorporated to the extent practicable in Subparts A and B of this part and became effective nationally on December 1, 1961. The Radio Regulations were subsequently revised, in part, by the Extraordinary Administrative Radio Conference (EARC) (Geneva, 1963), again by the EARC (Geneva, 1966), and again by the World Administrative Radio Conference (WARC) (Geneva, 1967). Subparts A and B were amended, as appropriate, to reflect those partial revisions. The Radio Regulations were again revised, in part, by the WARC (Geneva, 1971), which specified January 1, 1973, as the effective date of the revision. This last partial revision has also been incorporated, to the extent practicable, in Subparts A and B of this part and is applicable nationally, effective January 1, 1973.

§ 2.106 [Amended]

3. Section 2.106 is amended as follows:
a. The table is amended, in part, to read as follows:

Worldwide			Region 2			United States			Federal Communications Commission		
Band (kHz)	Service	Band (kHz)	Service	Band (kHz)	Allocation	Band (kHz)	Service	Class of Station	Frequency (kHz)	Nature of stations	(OF SERVICES)
1	2	3	4	5	6	7	8	9	10	11	
*	*	*	*	*	*	*	*	*	*	*	*
2170-2194	MOBILE (distress and calling). (201)(201A)					*		*		*	*
*	*	*	*	*	*	*	*	*	*	*	*
2495-2505		2495-2505 (203) (203A)	STANDARD FREQUENCY.			2495-2505	STANDARD FREQUENCY.	Standard frequency.			
*	*	*	*	*	*	*	*	*	*	*	*
2850-3025	AERONAUTICAL MOBILE, (R) (201A)					*	*	*		*	*
*	*	*	*	*	*	*	*	*	*	*	*

1	2	3	4	5	6	7	8	9	10	11
4995-5005	STANDARD FREQUENCY. (203A) (210)					4995-5005	STANDARD FREQUENCY.	Standard frequency.	5000	Standard frequency.
	*			*		*		*		*
5480-5680	AERONAUTICAL MOBILE. (R) (201A)					*	*	*		*
5680-5730	AERONAUTICAL MOBILE. (OR) (201A)					*	*	*		*
	*			*		*		*		*
7000-7100	AMATEUR. AMATEUR-SATELLITE.					7000-7100	AMATEUR. AMATEUR-SATELLITE.	Amateur. Earth. Space.		AMATEUR. AMATEUR-SATELLITE. (NG62)
7100-7300		7100-7300	AMATEUR.			7100-7300	AMATEUR.	Amateur.		AMATEUR. (NG62)
	*			*		*		*		*
8195-8815	MARITIME MOBILE. (201A) (213)					*	*	*		*
	*			*		*		*		*

I	2	3	4	5	6	7	8	9	10	11
9995-10005	STANDARD FREQUENCY. (201A) (203A) (214)					9995-10005 (US 204)	STANDARD FREQUENCY.	Standard frequency.	10000	Standard frequency.
10005-10100	AERONAUTICAL MOBILE. (R) (201A)					*	*	*		*
14000-14250	AMATEUR. AMATEUR-SATELLITE.					14000-14250	AMATEUR. AMATEUR-SATELLITE.	Amateur. Earth. Space.		AMATEUR. AMATEUR-SATELLITE.
14250-14350	AMATEUR. (218)					14250-14350	AMATEUR.	Amateur.		AMATEUR.
14990-15010	STANDARD FREQUENCY. (201A) (203A) (219)					14990-15010 (US 204)	STANDARD FREQUENCY.	Standard frequency.	15000	Standard frequency.
15450-16460	FIXED.					15450-16460	FIXED.	Fixed.		AERONAUTICAL FIXED. INTERNATIONAL FIXED PUBLIC.

1	2	3	4	5	6	7	8	9	10	11
18030-18052	FIXED.					18030-19990	FIXED.	Fixed.		AERONAUTICAL FIXED. INTERNATIONAL FIXED PUBLIC.
18052-18068	FIXED. Space research.									
18068-19990	FIXED.									
19990-20010	STANDARD FREQUENCY. (201A) (203A) (220)					19990-20010 (US204)	STANDARD FREQUENCY.	Standard frequency.	20000	Standard frequency.
21000-21450	AMATEUR. AMATEUR- SATELLITE.			*		21000-21450	AMATEUR. AMATEUR- SATELLITE.	Amateur. Earth. Space.		AMATEUR. AMATEUR-SATELLITE.
21850-21870	RADIO ASTRONOMY. (221B)			*		21850-21870 (US74)	RADIO ASTRONOMY.	Radio astronomy.		RADIO ASTRONOMY.
21870-22000	AERONAUTICAL FIXED. AERONAUTICAL MOBILE. (R)			*		21870-22000	AERONAUTICAL FIXED. AERONAUTICAL MOBILE. (R) Aircraft.	Aeronautical. Aeronautical fixed.		AERONAUTICAL FIXED. AERONAUTICAL MOBILE.

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1	2	3	4	5	6	7	8	9	10	11
23350-24990	FIXED. LAND MOBILE. (222) (222A)					*	*	†		*
	*	*		*				*		*
Band (MHz)	Band (MHz)	Band (MHz)	Band (MHz)	Band (MHz)	Band (MHz)	Band (MHz)	Band (MHz)	Standard frequency.	Frequency (MHz)	Standard frequency.
1	2	3	4	5	6	7	8	9	10	11
24.99-25.01	STANDARD FREQUENCY. (203A) (223)			24.99-25.01	G, NG	24.99-25.01	STANDARD FREQUENCY.	Standard frequency.	25.0	Standard frequency.
	*	*		*				*		*
28.0-29.7	AMATEUR. AMATEUR-SATELLITE.			28.0-29.7	AMATEUR. AMATEUR-SATELLITE. (US1)	28.0-29.7	AMATEUR. AMATEUR-SATELLITE. SATELLITE.	Amateur. Earth. Space.		AMATEUR. AMATEUR-SATELLITE.
	*	*		*				*		*
30.005-30.01	FIXED. (228) (229) (231) MOBILE. SPACE OPERATION (Satellite identification). SPACE RESEARCH.									

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1	2	3	4	5	6	7	8	9	10	11
30.01- 37.75	FIXED. (228) (229) (230) (231) MOBILE. (233A)			*	*	*	*	*		*
37.75- 38.25	FIXED. (228) (229) (231) MOBILE. Radio astronomy. (233B)			*	*	*	*	*		*
38.25- 41.0 (235) (236) (236A)	FIXED. (228) (229) (230) (231) MOBILE.									
41-50		41-50	FIXED. (228) (231) (237) MOBILE. (233A) (236A)	*	*	*	*	*		*
				*	*	*	*	*		*
117.975- 132	AERONAUTICAL MOBILE. (R) (201A) (273) (273A)			*	*	*	*	*	*	*
132-136	AERONAUTICAL MOBILE. (R) (273A) (274) (274A) (274B) (275)			*	G, MC.	*	*	*	*	*

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1	2	3	4	5	6	7	8	9	10	11
136-137	SPACE RESEARCH (Space-to-earth). (281A) (281AA)			136-137	G, NG	136-137	SPACE RESEARCH.	Space.		Space.
137-138	METEOROLOGICAL-SATELLITE. SPACE OPERATION (Telemetering and tracking). SPACE RESEARCH (Space-to-earth). (275A) (279A) (281C) (281E)			137-138	G, NG	137-138	METEOROLOGICAL-SATELLITE. SPACE OPERATION. SPACE RESEARCH.	Space.		Space.
138-143.6		138- FIVED. 143.6 MOBILE. Radioloca- <u>tion</u> . Space re-search (Space-to-earth). (283A)		*	*					
143.6-143.65		143.6- FIXED. 143.65 MOBILE. SPACE RE-SEARCH (Space-to-earth). Radioloca- <u>tion</u> . (283A)								

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1	2	3	4	5	6	7	8	9	10	11
143.65-144		143.65-144	FIXED. MOBILE. Radioloca- tion. Space re- search (Space-to- earth).	144-146	AMATEUR. AMATEUR- SATELLITE. (US1)	144- 146	AMATEUR. AMATEUR- SATELLITE.	Amateur. Earth. Space.	*	*
144-146	AMATEUR. AMATEUR- SATELLITE.			144-146	AMATEUR. AMATEUR- SATELLITE. (US1)	144- 146	AMATEUR. AMATEUR- SATELLITE.	Amateur. Earth. Space.		AMATEUR. AMATEUR-SATELLITE.
146-148		146-148	AMATEUR.	146-148	AMATEUR. (US1)	146- 148	AMATEUR.	Amateur.		AMATEUR.
148-149.9 (285A)		148-149.9 (285A)	FIXED. MOBILE.	148- 149.9 (285A) (US10)	G.				148.15	Civil air patrol land; civil air patrol mobile.
149.9-150.05 (285B) (285C)	RADIONAVIGA- TION-SATEL- LITE.			*	*	*	*	*		*

1	2	3	4	5	6	7	8	9	10	11
225-235		225-235	FIXED, MOBILE.	225-328.6 (308A) (310)	G.					
235-267	FIXED, MOBILE. (201A) (305) (305A) (308A) (309)			(US98)					243	Survival craft and equipment.
267-272	FIXED, MOBILE. Space opera- tion (Tele- metering). (308A) (309A) (309B)									
272-273	FIXED, MOBILE. SPACE OPERA- TION (Tele- metering). (308A) (309A)									
273-328.6	FIXED, MOBILE. (308A) (310) (310A)									

1	2	3	4	5	6	7	8	9	10	11
328.6- 335.4	AERONAUTICAL RADIONAVIGATION. (311)			328.6- 335.4	*	*	*	*		*
335.4- 399.9	FIXED, MOBILE. (308A)			335.4- 399.9	G. (308A)					
399.9- 400.05	RADIONAVIGATION-SATEL- LITE. (285C) (311A)			*	*	*	*	*		*
400.05- 400.15	STANDARD FREQUENCY-SATEL- LITE. (312B)			400.05- 400.15	G. (312B)	400.05- 400.15	STANDARD FREQUENCY-SATEL- LITE.	Space.	400.1	Standard frequency.
400.15- 401	METEOROLOGICAL AIDS. METEOROLOGICAL-SATEL- LITE (Maintenance tele- metering). SPACE RESEARCH (Telemetering and tracking).			400.15- 401	G, NG.	400.15- 401	*	*		*

1	401-402 (315C)	METEOROLOGICAL AIDS. SPACE OPERATION (Telemetering). (315A) Fixed. Meteorological-Satellite (Earth-to-space). Mobile except aeronautical mobile.	2	3	4	5	401-402	6	G, NG. (315C)	7	401-402	8	METEOROLOGICAL AIDS. (US70) SPACE OPERATION (Telemetering). (315A) Meteorological-Satellite (Earth-to-space).	9	Earth. Radiosonde. Space.	10	Earth. Radiosonde. Space.	11	Earth. Radiosonde. Space.
	402-403 (315C)	METEOROLOGICAL AIDS. Fixed. Meteorological-Satellite (Earth-to-space). Mobile except aeronautical mobile.					402-403		G, NG. (315C)		402-403		METEOROLOGICAL AIDS. (US70) Meteorological-Satellite (Earth-to-space).		Earth. Radiosonde.		Earth. Radiosonde.		Earth. Radiosonde.
	403-406	METEOROLOGICAL AIDS. Fixed. Mobile except aeronautical mobile.					403-406		G, NG.		403-406		METEOROLOGICAL AIDS. (US70)		Radiosonde.		Radiosonde.		Radiosonde.

1	2	3	4	5	6	7	8	9	10	11
406-406.1	MOBILE-SATELLITE (Earth-to-space). (317A) (317B)			406-406.1	G, NG. (317A)	406-406.1	MOBILE-SATELLITE (Earth-to-space).	Earth.		Emergency position-indicating radio-beacon.
406.1-410 (233B)	FIXED, MOBILE except aeronautical mobile. RADIO ASTRO-NOMY.			406.1-410	G, NG. (US13) (US74) (US117)	406.1-410	RADIO ASTRONOMY.	Radio astronomy.		RADIO ASTRONOMY.
410-420	FIXED, MOBILE except aeronautical mobile.			410-420	G. (US13)					
420-450 (320A)		420-450	RADIOLOCATION. Amateur. (318) (319A) (319B) (320A)	420-450	G, NG. (US35) (US87)	420-450	Amateur. (US7) Amateur-Satellite. (320A)	Amateur, Earth, Space.		AMATEUR. AMATEUR-SATELLITE.
450-460 (318) (319A)	FIXED, MOBILE.			450-470 (US87)	NG. (US87)			*		*
460-470 (324B)	FIXED, MOBILE. Meteorological-Satellite (Space-to-earth). (318A)			(US100) (US201)				*		*

1	2	3	4	5	6	7	8	9	10	11
470-890 (329A) (332) (332A)	*		*	*	*	*	*	*	*	*
1215-1300	*			*	G, MG. (US34)	*	*	*		*
1300-1350	*			1300-1350	G, NG.	*	*	*		*
1350-1400	*	1350-1400 (349) (349A)	*	*	*					
1427-1429	FIXED. MOBILE except aeronautical mobile. SPACE OPERA- TION (Tele- command).			1427-1429	G, NG.	1427-1429	SPACE OPERA- TION (tele- command). Fixed (Tele- metering). Land mobile (Telemeter- ing & tele- command).	Earth. Telemeter- ing fixed. Telemeter- ing land. Telemetering mobile.	Earth (telecommand). Telemetering fixed. Telemetering land. Telemetering mobile.	*

1	2	3	4	5	6	7	8	9	10	11
1435-1525		1435-1525	MOBILE. Fixed.	1435-1535	G, NG. (US78)	1435-1535	MOBILE.	Aeronautical telemetering.		AVIATION.
1525-1535		1525-1535	SPACE OPERATION (Telemetering). (350A) Earth exploration-satellite. Fixed. Mobile. (350D)							
1535-1542.5	MARITIME MOBILE-SATELLITE. (352)(352D)(352E)			1535-1542.5	G, NG. (352E)(US39)	1535-1542.5	MARITIME MOBILE-SATELLITE.	Coast. Ship. Space.		MARITIME MOBILE-SATELLITE.
1542.5-1543.5	AERONAUTICAL MOBILE-SATELLITE. (R) MARITIME MOBILE-SATELLITE. (352)(352D)(352F)			1542.5-1543.5	G, NG. (352F)(US39)	1542.5-1543.5	AERONAUTICAL MOBILE-SATELLITE. (R) MARITIME MOBILE-SATELLITE.	Aeronautical. Aircraft. Coast. Ship. Space.		AERONAUTICAL MOBILE-SATELLITE. (R) MARITIME MOBILE-SATELLITE.
1543.5-1558.5	AERONAUTICAL MOBILE-SATELLITE. (R) (352)(352D)(352G)			1543.5-1558.5	G, NG (352G)(US39)	1543.5-1558.5	AERONAUTICAL MOBILE-SATELLITE. (R)	Aeronautical. Aircraft. Space.		AERONAUTICAL MOBILE-SATELLITE. (R)

1	2	3	4	5	6	7	8	9	10	11
1558.5 1636.5	AERONAUTICAL RADIONAVIGATION, (352) (352A) (352B) (352D) (352K)			1558.5- 1636.5	G, NG, (352A) (352B) (US39) (US39A) (US208)	1558.5- 1592.5	AERONAUTICAL RADIONAVIGATION...	Radionavi- gation land.		
1636.5- 1644	MARITIME MOBILE- SATELLITE, (352) (352D) (352H)			1636.5- 1644	G, NG, (352H) (US39)	1636.5- 1644	MARITIME MOBILE- SATELLITE.	Earth, Ship.		MARITIME MOBILE- SATELLITE.
1644- 1645	AERONAUTICAL MOBILE-SATEL- LITE, (R) MARITIME MOBILE- SATELLITE, (352) (352D) (352I)			1644- 1645	G, NG, (352I) (US39)	1644- 1645	AERONAUTICAL MOBILE- SATELLITE, (R) MARITIME MOBILE- SATELLITE.	Aircraft, Earth, Ship.		AERONAUTICAL MOBILE- SATELLITE, MARITIME MOBILE- SATELLITE.
						1592.5- 1622.5	AERONAUTICAL RADIONAVIGATION.	Radionavi- gation land. Radionavi- gation mobile.		Collision avoidance. (Provisional)
						1622.5- 1636.5	AERONAUTICAL RADIONAVIGATION.			

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1	2	3	4	5	6	7	8	9	10	11
1645- 1660	AERONAUTICAL MOBILE- SATELLITE, (R) (352)(352D) (352J)			1645- 1660	G, NG. (352J) (US39)	1645- 1660	AERONAUTICAL MOBILE- SATELLITE, (R)	Aircraft. Earth.		AERONAUTICAL MOBILE- SATELLITE, (R)
1660- 1670	METEOROLOGICAL AIDS. RADIO ASTRONOMY. (353A)(354) (354A)(354B)			1660- 1670	G, NG. (US74) (US99) (US100)	1660- 1670	METEOROLOGICAL AIDS. RADIO ASTRONOMY.	Radio astronomy. Radio- sonde.		Radio astronomy. Radiosonde.
1670- 1690	FIXED. METEOROLOGICAL AIDS. METEOROLOGICAL- SATELLITE. (Space-to- earth)(324A) MOBILE except aeronautical mobile. (354)			1670- 1690	G, NG. (324A)	1670- 1690	METEOROLOGICAL AIDS. METEOROLOGICAL- SATELLITE.	Radio- sonde. Space.		
1690- 1700		1690- 1700	METEOROLOGICAL AIDS. METEOROLOGICAL- SATELLITE (Space-to- earth). (324B)(354A) (354C)	1690- 1700	G, NG. (324B) (US99) (US100)	1690- 1700	METEOROLOGICAL AIDS. METEOROLOGICAL- SATELLITE.	Radio- sonde. Space.		

1	2	3	4	5	6	7	8	9	10	11
1700- 1710		1700- 1710	FIXED, MOBILE, SPACE RESEARCH, (Space-to-earth) (354D)	1700- 1710	G, NG.	1700- 1710	SPACE RESEARCH,	Space.		
1710- 1770		1710- 1770	FIXED, MOBILE, (352K) (356A)	1710- 1850	G, (US100)					
1770- 1790 (356AA)		1770- 1790	FIXED, MOBILE, Meteorologi- cal-Satel- lite, (356AA) (356A)							
1790- 2290 (356AB) (356ABA)		1790- 2290	FIXED, MOBILE, (356A) (356AB) (356ABA)	1850- 2200 2200- 2290	NG, (US90) (US96) (US111) G.	*	*	*		
2290- 2300		2290- 2300	FIXED, MOBILE, SPACE RESEARCH (Space-to- earth).	2290- 2300	G, NG.	2290- 2300	SPACE RESEARCH.	Space.		

RULES AND REGULATIONS

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1	2	3	4	5	6	7	8	9	10	11
2300-2450 (357)		*	*	*	G, NG. (US34)	*	*	*	*	*
2450-2500		2450- 2500 (357)	FIXED. MOBILE RADIOLOCATION.	*	*	*	*	*	*	*
2500-2550 (361A) (361B) (364C)		2500- 2535	BROADCASTING- SATELLITE. (361B) FIXED. (364C) FIXED-SATEL- LITE (Space- to-earth). MOBILE except aeronautical mobile. (361A)(364E)	2500- 2535	NG. (NG8) (NG47) (NG101) (NG102) (US205)	2500- 2535	BROADCASTING- SATELLITE. FIXED. FIXED- SATELLITE	Instruc- tional televis- ion fixed. Operational fixed. Space.	*	BROADCASTING-SATELLITE. FIXED. FIXED SATELLITE.
2550-2655	BROADCASTING- SATELLITE. (361B) FIXED. (364C) MOBILE except aeronautical mobile. (364)	2535- 2550	BROADCASTING- SATELLITE. (361B) FIXED. (364C) MOBILE except aeronautical mobile. (361A)	2535- 2655	NG. (NG8) (NG47) (NG101) (US205)	2535- 2655	BROADCASTING- SATELLITE. FIXED.	Instruc- tional televis- ion fixed. Operational fixed. Space.	*	BROADCASTING-SATELLITE. FIXED.

1	2	3	4	5	6	7	8	9	10	11
2655- 2690 (361B) (364C) (364D) (364G) (364H)		2655- 2690	BROADCASTING- SATELLITE. (361B) (364H) FIXED. (364C) (364D) FIXED-SATEL- LITE (Earth- to-space). MOBILE except aeronautical mobile. (364E) (364G)	2655- 2690	NG. (NG8) (NG47) (NG101) (NG102) (US205)	2655- 2690	BROADCASTING- SATELLITE. FIXED. FIXED- SATELLITE.	Instruc- tional televis- ion fixed. Operational fixed, Space, Earth.		BROADCASTING-SATELLITE FIXED. FIXED-SATELLITE,
2690 - 2700 (233B) (364A)	RADIO ASTRONOMY.			*	*	*	*	*	*	
3300 - 3400		3300 - 3400	RADIOLOCATION. Amateur.	3300 - 3500	G, NG. (US108)	*	*	*	*	*
3400 - 3500		3400 - 3500	FIXED-SATEL- LITE (Space- to-earth). RADIOLOCATION. Amateur.							

1	2	3	4	5	6	7	8	9	10	11
3500- 3700		3500- 3700	FIXED. FIXED-SATEL- LITE (Space- to-earth). MOBILE. RADIOLOCATION.	*	*	*	*	*		*
3700- 4200		3700- 4200	FIXED. FIXED-SATEL- LITE (Space- to-earth). MOBILE.	3700- 4200	NG.	3700- 4200	FIXED. FIXED-SATEL- LITE.	Common car- rier fixed. Space.		DOMESTIC PUBLIC. (USC41) FIXED-SATELLITE.
4200- 4400 (352A) (379A)	AERONAUTICAL RADIO NAVIGATION.			*	G, NG. (US47)	*	*	*		
4400- 4700	FIXED. FIXED-SATELLITE (Earth-to- space). MOBILE.			4400- 4990	G. (US203)					
4700- 4990 (233B) (382A) (382B)	FIXED. MOBILE.									

1	2	3	4	5	6	7	8	9	10	11
5000- 5250 (352A) (352B) (383B)	AERONAUTICAL RADIONAVIGATION.			5000- 5250	G, NG. (352A) (352B) (383B) (US118)	*	*			
5650- 5670	*			5650- 5925	G, NG. (391) (US34) (US100)	*	*	*	*	*
5670- 5725 (389A)	*									
5725- 5925 (391)		*	*							
5925- 6425	FIXED, FIXED-SATELLITE (Earth-to- space). MOBILE.			5925- 6425	NG.	5925- 6425	FIXED, FIXED-SATEL- LITE.	Common car- rier fixed, Fixed earth.		DOMESTIC PUBLIC, (NG41) FIXED-SATELLITE.
6425- 7250 (379A) (392AA) (392B) (393)	FIXED, MOBILE.			6425- 7125	NG.	6425- 6525 6525- 6575 6575- 6625 (NG8)	* * * FIXED.	* * * International control, Operational fixed.		

1	2	3	4	5	6	7	8	9	10	11
7250-7300 (392D) (392C)	FIXED-SATELLITE (Space-to-earth).			7125-7250 G. (392B)		6625-6875 (NG8)	FIXED-SATELLITE (NG103)	International control. Operational fixed. Space.		
7300-7450 (392D)	FIXED-SATELLITE (Space-to-earth). MOBILE.			7250-7300 G. (392D) (US100)		6875-7125 (NG11)	FIXED-SATELLITE (NG103) MOBILE.	Space. Television pickup. Television STL.		
7450-7550 (392D)	FIXED-SATELLITE (Space-to-earth). METEOROLOGICAL-SATELLITE (Space-to-earth). MOBILE.			7300-7750 G. (392D)						
7550-7750 (392D)	FIXED-SATELLITE (Space-to-earth). MOBILE.									

1	2	3	4	5	6	7	8	9	10	11
7900- 7975	FIXED. FIXED-SATELLITE (Earth-to-space) MOBILE.			7900- 7975	G.					*
7975- 8025 (392H)	FIXED-SATELLITE (Earth-to-space)			7975- 8025	G. (US100)					*
8025- 8175		8025- 8175	EARTH EXPLORA- TION-SATEL- LITE (Space- to-earth). FIXED. FIXED-SATEL- LITE (Earth- to-space). MOBILE.	8025- 8400	G.					
8175- 8215		8175- 8215	EARTH EXPLORA- TION-SATEL- LITE (Space- to-earth). FIXED. FIXED-SATEL- LITE (Earth- to-space). METEOROLOGICAL SATELLITE (Earth-to- space). MOBILE.							

1	2	3	4	5	6	7	8	9	10	11
8215- 8400		8215- 8400	EARTH EXPLORA- TION-SATEL- LITE (Space- to-earth). FIXED. FIXED-SATEL- LITE (Earth- to-space). MOBILE.							
8400- 8500 (394A) SPACE RESEARCH (394D) (Space-to- earth).				8400- 8500	G, NG.	8400- 8500	SPACE RESEARCH.	Space.		
	*	*	*	*	*	*	*	*	*	*
9000- 9200	*			*	*	*	AERONAUTICAL RADIONAVIGA- TION. (346) (US54) Radiolocation. (US48)			
	*	*	*	*	*	*	*	*	*	*
9300- 9500 (399)	*			*	*	*	RADIONAVIGA- TION. (US66) (US71) Meteorological aids. (US67) Radiolocation. (US51)			

	1	2	3	4	5	6	7	8	9	10	11
		*		*			*		*		*
Band (GHz)		Band (GHz)	Band (GHz)	Band (GHz)	Band (GHz)	Band (GHz)	Band (GHz)	Band (GHz)	Band (GHz)	Frequency (GHz)	
1	2	3	4	5	6	7	8	9	10	11	
10.55-10.6	FIXED. MOBILE. Radiolocation.			10.55-10.68	NG.	10.55-10.68	MOBILE.	Operational land. Operational Mobile.			
10.6-10.68	FIXED. MOBILE. RADIO ASTRONOMY. Radiolocation.										
	*		*				*		*		*
10.7-10.95	FIXED. MOBILE.			10.7-11.7	NG.	10.7-10.95	FIXED.	Common carrier fixed.			
10.95-11.2	FIXED. MOBILE.	10.95-11.2	FIXED-SATELLITE (Space to-earth). MOBILE.			10.95-11.2	FIXED-SATELLITE (NG104).	Common carrier fixed. Space.			DOMESTIC PUBLIC. (NG41) FIXED-SATELLITE.
11.2-11.45	FIXED. MOBILE.					11.2-11.45	FIXED.	Common carrier fixed.			DOMESTIC PUBLIC. (NG41)

1	2	3	4	5	6	7	8	9	10	11
11.45- 11.7	FIXED, FIXED-SATELLITE (Space-to-earth) MOBILE.					11.45- 11.7	FIXED, FIXED-SATEL- LITE, (NG104)	Common car- rier fixed, Space.		DOMESTIC PUBLIC, (NG41) FIXED-SATELLITE.
11.7- 12.2	11.7- 12.2 (405BB) (405BC)	BROADCASTING, BROADCASTING- SATELLITE, FIXED, FIXED-SATEL- LITE (Space- to-earth), MOBILE except aeronautical mobile.	11.7- 12.2 (405BC)	NG, (405BC)	11.7- 12.2	BROADCASTING-Common car- rier land, Common car- rier mobile (except aero- nautical mobile), Space.				
12.2- 12.5	12.2- 12.5	BROADCASTING, FIXED, MOBILE except aeronautical mobile.	12.2- 12.75	NG.	12.2- 12.5 (NG8) (NG52)	FIXED, International control, Operational fixed.				
12.5- 12.75	12.5- 12.75	FIXED, FIXED-SATEL- LITE (Earth- to-space), MOBILE except aeronautical mobile.	12.5- 12.75		12.5- 12.7 (NG8) (NG52)	Earth, International control, Operational fixed.				
					12.7- 12.75	FIXED, FIXED-SATEL- LITE, MOBILE.	Community an- tenna relay, Earth, Television intercity relay, Television pickup, (NG52) Television STL.			

1	2	3	4	5	6	7	8	9	10	11
12.75- 13.25	FIXED. MOBILE.			12.75- 13.25	NG.	12.75- 12.95	FIXED. MOBILE.	Community an- tenna relay. Television intercity relay. Television pickup. (NG53) Television STL.		
						12.95- 13.2 (NG11)	*	*		
						13.2- 13.25	*			
13.25- 13.4 (407A)	AERONAUTICAL RADIONAVI- GATION. (406)			13.25- 13.4	G, NG.	13.25- 13.4	AERONAUTI- CAL RADIO- NAVIGATION (406). Space re- search.			Airborne doppler radar. Earth.
13.4- 14.0 (407A)	RADIOLOCA- TION.			*	*	*	Radioloca- tion. Space re- search.	Earth. Radioloca- tion land. Radioloca- tion mo- bile.		
14.0- 14.3 (407A)	FIXED-SATELLITE (Earth-to- space). RADIONAVI- GATION. (408A)			14.0- 14.2	G, NG. (US207)	14.0- 14.2	FIXED-SAT- ELLITE. RADIONAVI- GATION. Space re- search.	Earth. Radionaviga- tion land. Radionaviga- tion mobile.		

1	2	3	4	5	6	7	8	9	10	11
19.7- 21.2 (409E)	FIXED-SATEL- LITE (Space- to-earth).			19.7- 20.2	NG.	19.7- 20.2	FIXED-SATEL- LITE.	Space.		
21.2- 22.0	EARTH EXPLORA- TION-SATEL- LITE (Space- to-earth). FIXED. MOBILE.			21.2- 22.0	G, NG.	21.2- 22.0	EARTH EXPLORA- TION-SATEL- LITE. FIXED. MOBILE.	Fixed. Mobile except aeronau- tical mobile. Space.		
22.0- 22.5 (410A)	FIXED. MOBILE.			22.0- 23.6	G, NG. (410A)	22.0- 23.6	FIXED. MOBILE.	Fixed. Mobile except aeronau- tical mobile.		
22.5- 23.0		22.5- 23.0	FIXED. MOBILE.							
23.0- 23.6	FIXED. MOBILE.									
23.6- 24.0	RADIO ASTRONOMY.			23.6- 24.0	G, NG. (US72) (US74)	23.6- 24.0	RADIO ASTRONOMY.			
24.0- 24.05 (410C)	AMATEUR. AMATEUR-SATEL- LITE.			24.0- 24.05	AMATEUR. AMATEUR- SATEL- LITE. (US72) (US202)	24.0- 24.05	AMATEUR. AMATEUR- SATELLITE.	Amateur. Earth. Space.		

1	2	3	4	5	6	7	8	9	10	11
24.05-24.25 (410C)	RADIOLOCATION. Amateur.			24.05-24.25	G, MG. (US72) (US110) (US202)	24.05-24.25 Amateur. Radiolocation.	Amateur. Radiolocation land. Radiolocation mobile.		24.125	Industrial, scientific and medical equipment.
* * * * *										
25.25-27.5	FIXED. MOBILE.			25.25-27.5	G.					
27.5-29.5	FIXED. FIXED-SATELLITE (Earth-to-space). MOBILE.			27.5-29.5	NG.	27.5-29.5 FIXED. FIXED-SATELLITE. LITE. MOBILE.	Common carrier fixed. Common carrier land. Common carrier mobile (except aeronautical mobile). Earth.			
29.5-31.0	FIXED-SATELLITE (Earth-to-space).			29.5-30.0 30.0-31.0	NG. G.	29.5-30.0 FIXED-SATELLITE. LITE.	Earth.			

1	2	3	4	5	6	7	8	9	10	11
31.0- FIXED.				31.0-	NG.	31.0-	FIXED.			
31.3 MOBILE.				31.2	(US100)	31.2	MOBILE.			
(412H) Space research.				31.2-	G, NG.	31.2-	RADIO ASTRO-			
(412I)				31.5	(US74)	31.5	NOMY.			
31.3-	RADIO ASTRONOMY.				(US100)					
31.5										
(412A)										
36.0-	FIXED.			*	*	*	*	*	*	*
40.0	MOBILE.									
(391A)										
(412E)										
40.0-	FIXED-SATELLITE			40.0-	G, NG.	40.0-	FIXED-SATEL-	Space.		
41.0	(Space-to-			41.0		41.0	LITE.			
	earth).									
41.0-	BROADCASTING-			41.0-	NG.	41.0-	BROADCAST-	Space.		
43.0	SATELLITE.			43.0		43.0	ING-SATEL-			
							LITE.			
43.0-	AERONAUTICAL			43.0-	G, NG.	43.0-	AERONAUTICAL			
48.0	MOBILE-SATELLITE.			48.0		48.0	MOBILE-SATEL-			
	AERONAUTICAL RADIO-						LITE.			
	NAVIGATION-SATEL-						AERONAUTICAL			
	LITE.						RADIONAVIGA-			
	MARITIME MOBILE-						TION-SATEL-			
	SATELLITE.						LITE.			
	MARITIME RADIONAVI-						MARITIME MO-			
	GATION-SATELLITE.						BILE-SATEL-			
							LITE.			
							MARITIME RADIO-			
							NAVIGATION-			
							SATELLITE.			

1	2	3	4	5	6	7	8	9	10	11
48.0- 50.0	Not Allocated.			48.0- 50.0	G, MG.	48.0- 50.0		Amateur. Experimental.		
50.0- 51.0	FIXED-SATELLITE. (Earth-to-space).			50.0- 51.0	G, MG.	50.0- 51.0	FIXED-SATELLITE.	Earth.		
51.0- 52.0	EARTH EXPLORATION-SATELLITE. SPACE RESEARCH.			51.0- 52.0	G, MG.	51.0- 52.0	EARTH EXPLORATION-SATELLITE. SPACE RESEARCH.			
52.0- 54.25 (412J)	SPACE RESEARCH (Passive).			52.0- 54.25	G, MG. (412J)	52.0- 54.25	SPACE RESEARCH. (Passive)			
54.25- 58.2	INTER-SATELLITE.			54.25- 58.2	G.					
58.2- 59.0 (412J)	SPACE RESEARCH (Passive).			58.2- 59.0	G, MG. (412J)	58.2- 59.0	SPACE RESEARCH (Passive)			
59.0- 64.0	INTER-SATELLITE.			59.0- 64.0	G.					
64.0- 65.0 (412J)	SPACE RESEARCH (Passive).			64.0- 65.0	G, MG. (412J)	64.0- 65.0	SPACE RESEARCH. (Passive)			
65.0- 66.0	EARTH EXPLORATION-SATELLITE. SPACE RESEARCH.			65.0- 66.0	G, MG.	65.0- 66.0	EARTH EXPLORATION-SATELLITE. SPACE RESEARCH.			

1	2	3	4	5	6	7	8	9	10	11
66.0- 71.0	AERONAUTICAL MOBILE-SATELLITE. AERONAUTICAL NAVIGATION-SATELLITE. MARITIME MOBILE-SATELLITE. MARITIME RADIO-NAVIGATION-SATELLITE.			66.0- 71.0	G, NG.	66.0- 71.0	AERONAUTICAL MOBILE-SATELLITE. AERONAUTICAL NAVIGATION-SATELLITE. MARITIME MOBILE-SATELLITE. MARITIME RADIO-NAVIGATION-SATELLITE.			
71.0- 84.0	Not Allocated.			71.0- 84.0	G, NG.	71.0- 84.0		Amateur. Experimental.		
84.0- 86.0	BROADCASTING-SATELLITE.			84.0- 86.0	NG.	84.0- 86.0	BROADCASTING-SATELLITE.	Space.		
86.0- 92.0 (412J)	RADIO ASTRONOMY. SPACE RESEARCH (Passive).			86.0- 92.0	G, NG. (412J) (US74)	86.0- 92.0	RADIO ASTRONOMY. SPACE RESEARCH. (Passive)			
92.0- 95.0	FIXED-SATELLITE (Earth-to-space).			92.0- 93.0 93.0- 95.0	G. G, NG.	93.0- 95.0	FIXED-SATELLITE.	Earth.		

1	2	3	4	5	6	7	8	9	10	11
95.0- 101.0	AERONAUTICAL MOBILE-SATELLITE. AERONAUTICAL RADIO-NAVIGATION-SATELLITE. MARITIME MOBILE-SATELLITE. MARITIME RADIO-NAVIGATION-SATELLITE.			95.0- 101.0	G, MG.	95.0- 101.0	AERONAUTICAL MOBILE-SATELLITE. AERONAUTICAL RADIO-NAVIGATION-SATELLITE. MARITIME MOBILE-SATELLITE. MARITIME RADIO-NAVIGATION-SATELLITE.			
101.0- 102.0 (412J)	SPACE RESEARCH (Passive).			101.0- 102.0	G, NG. (412J)	101.0- 102.0	SPACE RESEARCH. (Passive)			
102.0- 105.0	FIXED-SATELLITE (Space-to-earth)			102.0- 103.0	G.					
105.0- 130.0 (412K)	INTER-SATELLITE.			103.0- 105.0 105.0- 110.0	G, MG. G.	103.0- 105.0	FIXED-SATELLITE. Space.			
130.0- 140.0 (412J)	RADIO ASTRONOMY. SPACE RESEARCH (Passive).			110.0- 117.5 117.5- 122.5	G, NG. (412K) G.	110.0- 117.5	INTER-SATELLITE. Space.			
140.0- 142.0	FIXED-SATELLITE. (Earth-to-space).			122.5- 130.0 130.0- 140.0 140.0- 141.0 141.0- 142.0	G, NG. G, NG. (412J) (US74) G.	122.5 130.0 140.0	INTER-SATELLITE. Space. RADIO ASTRONOMY. SPACE RESEARCH. (Passive)			
					G, NG.	141.0- 142.0	FIXED-SATELLITE. Earth.			

1	2	3	4	5	6	7	8	9	10	11
142.0- 150.0	AERONAUTICAL MOBILE-SATELLITE. AERONAUTICAL RADIO-NAVIGATION-SATELLITE. MARITIME MOBILE-SATELLITE. MARITIME RADIO-NAVIGATION-SATELLITE.			142.0- 150.0	G, NG.	142.0- 150.0	AERONAUTICAL MOBILE-SATELLITE. AERONAUTICAL RADIO-NAVIGATION-SATELLITE. MARITIME MOBILE-SATELLITE. MARITIME RADIO-NAVIGATION-SATELLITE.			
150.0- 152.0	FIXED-SATELLITE (Space-to-earth).			150.0- 151.0 152.0	G.					
152.0- 170.0	Not Allocated.			151.0- 152.0 152.0- 170.0	G, NG. G, NG.	151.0- 152.0 152.0- 170.0	FIXED-SATELLITE.	Space. Amateur. Experimental.		
170.0- 182.0	INTER-SATELLITE.			170.0- 175.0 175.0- 182.0	G. G, NG.	175.0- 182.0	INTER-SATELLITE.	Space.		
182.0- 185.0 (412J)	SPACE RESEARCH (Passive).			182.0- 185.0	G, NG. (412J)	182.0- 185.0	SPACE RESEARCH. (Passive)			
185.0- 190.0	INTER-SATELLITE.			185.0- 189.0 189.0- 190.0	G, NG. G.	185.0- 189.0 189.0- 190.0	INTER-SATELLITE.	Space.		

1	2	3	4	5	6	7	8	9	10	11
190.0- 200.0	AERONAUTICAL MOBILE-SATELLITE. AERONAUTICAL RADIO-NAVIGATION-SATELLITE. MARITIME MOBILE-SATELLITE. MARITIME RADIO-NAVIGATION-SATELLITE.			190.0- 200.0	G, NG.	190.0- 200.0	AERONAUTICAL MOBILE-SATELLITE. AERONAUTICAL RADIO-NAVIGATION-SATELLITE. MARITIME MOBILE-SATELLITE. MARITIME RADIO-NAVIGATION-SATELLITE.			
200.0- 220.0	Not Allocated.			200.0- 220.0	G, NG.	200.0- 220.0		Amateur. Experimental.		
220.0- 230.0	FIXED-SATELLITE.			220.0- 230.0	G, NG.	220.0- 230.0	FIXED-SATELLITE.			
230.0- 240.0 (412J)	RADIO ASTRONOMY. SPACE RESEARCH (Passive).			230.0- 240.0	G, NG. (412J) (US74)	230.0- 240.0	RADIO ASTRONOMY. SPACE RESEARCH. (Passive)			
240.0- 250.0	Not Allocated.			240.0- 250.0	G, NG.	240.0- 250.0		Amateur. Experimental.		
250.0- 265.0	AERONAUTICAL MOBILE-SATELLITE. AERONAUTICAL RADIO-NAVIGATION-SATELLITE. MARITIME MOBILE-SATELLITE. MARITIME RADIO-NAVIGATION-SATELLITE.			250.0- 265.0	G, NG.	250.0- 265.0	AERONAUTICAL MOBILE-SATELLITE. AERONAUTICAL RADIO-NAVIGATION-SATELLITE. MARITIME MOBILE-SATELLITE. MARITIME RADIO-NAVIGATION-SATELLITE.			

1	2	3	4	5	6	7	8	9	10	11
265.0- 275.0	FIXED-SATELLITE.			265.0- 275.0	G, MG.	265.0- 275.0	FIXED- SATELLITE.			
Above 275.0	Not Allocated.			Above 275.0	G, MG.	Above 275.0		Amateur. Experimental.		

b. In the list of footnotes immediately following the table in § 2.106, the following Geneva footnotes are deleted: (204), (215), (215A), (221), (221A), (276), (281B), (281F), (284A), (317), (355A), (356B), (365), (374A), (392A), (392C), (392F), (394C), (409A), (409D), and (410).

c. The following Geneva footnotes to the table in § 2.106 are amended to read:

(235) The band 39.985-40.020 MHz is also allocated on a secondary basis to the space research service.

(281E) In Malaysia, Pakistan, and the Philippines, the band 137-138 MHz is also allocated to the fixed and mobile services.

(285A) The band 148-149.9 MHz may be authorized for space telecommand, subject to agreement between the administrations concerned and those having services operating in accordance with the table, which may be affected. The bandwidth of an individual transmission shall not exceed ± 15 kHz.

(285B) In Austria, Bulgaria, Cuba, Hungary, Iran, Kuwait, Pakistan, Poland, the United Arab Republic, Roumania, and Yugoslavia, the band 149.90-150.05 MHz is also allocated to the fixed and mobile services (see Recommendation No. Spa 8).

(310) Radio astronomy observations in the band 322-328.8 MHz are carried out in a number of countries under national arrangements. Administrations should bear in mind the needs of the radio astronomy service in using this band.

(311A) In Bulgaria, Cuba, Greece, Hungary, Indonesia, Iran, Kuwait, Lebanon, the United Arab Republic, Syria, and Yugoslavia, the band 399.9-400.05 MHz is also allocated to the fixed and mobile services (see Recommendation No. Spa 8).

(318) Radio altimeters may also be used until 31 December 1974 in the band 420-460 MHz. However, after this date, they may be authorized to continue to operate on a secondary basis except in the U.S.S.R. where they will continue to operate on a primary basis.

(319A) The band 449.75-450.25 MHz may be used for space telecommand and space research (earth-to-space), subject to agreement between the administrations concerned and those having services operating in accordance with the table, which may be affected.

(340) In Region 2, the frequency 915 MHz is designated for industrial, scientific and medical purposes. Emissions must be confined within the limits of ± 13 MHz of that frequency. Radiocommunication services operating within these limits must accept any harmful interference that may be experienced from the operation of industrial, scientific and medical equipment.

(350A) Space stations employing frequencies in the band 1525-1535 MHz for telemetering purposes may also transmit tracking signals in this band.

(352A) The bands 1558.5-1636.5 MHz, 4200-4400 MHz, 5000-5250 MHz, and 15.4-15.7 GHz are reserved on a worldwide basis for the use and development of airborne electronic aids to air navigation and any directly associated ground-based or satellite-borne facilities.

(352B) The bands 1558.5-1636.5 MHz, 5000-5250 MHz, and 15.4-15.7 GHz are also allocated to the aeronautical mobile (R) service for the use and development of systems using space radiocommunication techniques. Such use and development is subject to agreement and coordination between the administrations concerned and those having services operating in accordance with the table, which may be affected.

(353A) In view of the successful detection of two hydroxyl spectral lines in the regions of 1665 MHz and 1667 MHz by astronomers, administrations are urged to give all practicable protection in the band 1660-1670 MHz for future research in radio astronomy particularly by eliminating air-to-ground transmissions in the meteorological aids service in the band 1664.4-1668.4 MHz as soon as practicable.

(354A) In Bulgaria, Cuba, Ethiopia, Hungary, Israel, Jordan, Kenya, Kuwait, Lebanon, Uganda, Pakistan, Poland, the United Arab Republic, Roumania, Syria, Tanzania, Czechoslovakia, the U.S.S.R., and Yugoslavia, the bands 1660-1670 MHz and 1690-1700 MHz are also allocated to the fixed service and the mobile, except aeronautical mobile, service.

(356A) In Region 2, in Australia and Japan the band 1750-1850 MHz may also be used for earth-to-space transmissions, and in Regions 2 and 3 the band 2200-2290 MHz may also be used for space-to-earth transmissions, in the space research service subject to agreement between the administrations concerned and those having services operating in accordance with the table, which may be affected.

(364A) In Bulgaria, Cuba, Hungary, India, Israel, Kuwait, Lebanon, Morocco, Pakistan, the Philippines, Poland, the United Arab Republic, Yugoslavia, Roumania, Czechoslovakia and the U.S.S.R., the band 2690-2700 MHz is also allocated to the fixed and mobile services.

(383A) In Cuba, the band 4990-5000 MHz is also allocated to the fixed and mobile services, and the provisions of No. 233B apply.

(392B) The band 7145-7235 MHz may be used for earth-to-space transmissions in the space research service, subject to agreement between the administrations concerned and those having services operating in accordance with the table, which may be affected.

(392D) As an exception, passive fixed-satellite systems also may be accommodated in the band 7250-7750 MHz subject to:

(a) Agreement between the administrations concerned and those whose services, operating in accordance with the table, may be affected;

(b) The coordination procedure laid down in Articles 9 and 9A.

Such systems shall not cause any more interference at active earth station receivers than would be caused by fixed or mobile services. Power flux density limitations at the earth's surface after reflection from the passive fixed-satellites shall not exceed those prescribed in these regulations for active fixed-satellite systems.

d. The following new Geneva footnotes are added in proper numerical sequence:

(201A) The frequencies 2182 kHz, 3023.5 kHz, 5680 kHz, 8364 kHz, 121.5 MHz, 156.8 MHz, and 243 MHz may also be used, in accordance with the procedures in force for terrestrial radiocommunication services, for search and rescue operations concerning manned space vehicles.

The same applies to the frequencies 10003 kHz, 14993 kHz, and 19993 kHz, but in these cases emissions must be confined in a band of ± 3 kHz about the frequency.

(203A) The bands 2501-2502 kHz, 5003-5005 kHz, 10003-10005 kHz, 15005-15010 kHz, 19990-19995 kHz, 20005-20010 kHz, and 25005-25010 kHz are also allocated, on a secondary basis, to the space research service.

(221B) In Bulgaria, Hungary, Poland, Roumania, Czechoslovakia and the U.S.S.R. the band 21850-21870 kHz is also allocated to the aeronautical fixed and the aeronautical mobile (R) services. The administrations concerned will take all practicable steps to protect radio astronomy observations from harmful interference.

(222A) In Argentina and Uruguay the band 24528-24538 kHz may be used by the space research service, subject to agreement between the administrations concerned and those having services operating in accordance with the table, which may be affected.

(233A) In Argentina and Uruguay, the bands 36.65-36.85 MHz, 41.15-41.35 MHz, and 45.65-45.85 MHz, and in Argentina, Brazil, and Uruguay the band 170.55-170.95 MHz, are allocated to the radio astronomy service and no assignments shall be made to the fixed and mobile services in these bands.

(233B) In making assignments to stations of other services to which the bands 37.75-38.25 MHz, 150.05-153 MHz, 406.1-410 MHz, 2690-2700 MHz, and 4700-5000 MHz are allocated, administrations are urged to take all practicable steps to protect radio astronomy observations from harmful interference.

(236A) The band 40.980-41.015 MHz is also allocated on a secondary basis to the space research service, in particular for measurements of the differential Faraday effect.

(274A) In Regions 2 and 3, stations of the fixed and mobile services may continue

to use the band 132-136 MHz until 1 January 1976. Until that date, frequency assignments to the aeronautical mobile (R) service shall be co-ordinated between the administrations concerned and shall be protected from harmful interference.

(274B) In Cuba and Mexico, the band 132-136 MHz is also allocated to the fixed and mobile services.

(281AA) In Bulgaria, China, Cyprus, Korea, Spain, Ethiopia, Ghana, Hungary, India, Indonesia, Iran, Iraq, Kenya, Kuwait, Malaysia, Uganda, Pakistan, Philippines, Poland, Portugal, the United Arab Republic, Roumania, Senegal, Syria, Tanzania, Czechoslovakia, and the U.S.S.R., the band 136-137 MHz is also allocated to the fixed and mobile services.

(283A) In Argentina, the frequency 138.540 MHz \pm 7.5 kHz and the band 143.6-143.65 MHz may be used by the space research service (telecommand), subject to agreement between the administrations concerned and those having services operating in accordance with the table, which may be affected.

(285C) Emissions of the radionavigation-satellite service in the bands 149.90-150.05 MHz and 399.90-400.05 MHz may also be used by receiving earth stations of the space research service.

(287A) In the frequency bands designated for the maritime mobile service in accordance with Appendix 18 of the radio regulations, the use of satellite systems for safety and distress may be authorized on certain channels on an exclusive basis in the band 157.3125-157.4125 MHz for transmissions from ships to satellites and in the band 161.9125-162.0125 MHz for transmissions from satellites to ships. The satellite systems shall not be brought into use before January 1, 1976 (see Resolution No. Spa 2-5).

(305A) In New Zealand the band 235-239.5 MHz is also allocated to the aeronautical radionavigation service.

(308A) The bands 240-328.6 MHz and 335.4-399.9 MHz may also be used by the mobile-satellite service. The use and development of this service shall be subject to agreement between the administrations concerned and those having services operating in accordance with the table, which may be affected.

(310A) In India, the band 322-328.6 MHz is also allocated to the radio astronomy service.

(312B) In this band the standard frequency is 400.1 MHz. Emissions shall be confined in a band of \pm 25 kHz about this frequency.

(315C) In the band 401-403 MHz, earth exploration-satellite applications, other than the meteorological-satellite service, may also be used for earth-to-space transmissions on condition that no harmful interference is caused to stations operating in accordance with the table.

(317A) The band 406-406.1 MHz is reserved solely for the use and development of low-power (not to exceed 5W) emergency position-indicating radiobeacon (EPIRB) systems using space techniques.

(317B) In Austria, Bulgaria, Chile, Cuba, Ethiopia, Hungary, India, Iran, Kenya, Kuwait, Liechtenstein, Malaysia, Uganda, Poland, the United Arab Republic, Rwanda, Sweden, Switzerland, Syria, Tanzania, Czechoslovakia and in the U.S.S.R., the band 406-406.1 MHz is also allocated to the fixed service and the mobile, except aeronautical mobile, service.

(319B) In France and the French Department of Guyana (Region 2) the frequency 434 MHz \pm 0.25 MHz may be used for space operation (earth-to-space) subject to agreement between the administrations concerned and those having services, operating in ac-

cordance with the table, which may be affected.

(320A) In the band 435-438 MHz, the amateur-satellite service may be authorized, on condition that harmful interference shall not be caused to other services operating in accordance with the table. Administrations authorizing such use shall ensure that any harmful interference caused by emissions from an amateur satellite is immediately eliminated in accordance with the provisions of No. 1557A.

(324B) Earth exploration-satellite service applications, other than the meteorological-satellite service, may also be used in the bands 460-470 MHz and 1690-1700 MHz for space-to-earth transmissions on condition that no harmful interference is caused to stations operating in accordance with the table.

(329A) In Argentina and Uruguay, the band 602-608 MHz is allocated to the radio astronomy service.

(332A) Within the frequency band 620-790 MHz, assignments may be made to television stations using frequency modulation in the broadcasting-satellite service, subject to agreement between the administrations concerned and those having services, operating in accordance with the table, which may be affected (see Resolutions Nos. Spa 2-2 and Spa 2-3). Such stations shall not produce a power flux density in excess of the value -129 dBW/m² for angles of arrival less than 20° (see Recommendation No. Spa 2-10) within the territories of other countries without the consent of those countries.

(349A) Radio astronomic observations on the Hydrogen line displaced towards lower frequencies are carried out in a number of countries under national arrangements. Administrations should bear in mind the needs of the radio astronomy service in their future planning of the band 1350-1400 MHz.

(352E) The use of the band 1535-1542.5 MHz is limited to transmissions from space to earth stations in the maritime mobile-satellite service for communication and/or radiodetermination purposes. Transmissions from coast stations directly to ship stations, or between ship stations, are also authorized when such transmissions are used to extend or supplement the satellite-to-ships links.

(352F) The use of the band 1542.5-1543.5 MHz is limited to transmissions from space-to-earth stations in the aeronautical mobile-satellite (R) and maritime mobile-satellite services for communication and/or radiodetermination purposes. Transmissions from land stations directly to mobile stations, or between mobile stations, of the aeronautical mobile (R) and maritime mobile services, are also authorized. The utilization of this band is subject to prior operational coordination between the two services.

(352G) The use of the band 1543.5-1558.5 MHz is limited to transmissions from space-to-earth stations in the aeronautical mobile-satellite (R) service for communication and/or radiodetermination purposes. Transmissions from terrestrial aeronautical stations directly to aircraft stations, or between aircraft stations, in the aeronautical mobile (R) service are also authorized when such transmissions are used to extend or supplement the satellite-to-aircraft links.

(352H) The use of the band 1636.5-1644 MHz is limited to transmissions from earth-to-space stations in the maritime mobile-satellite service for communication and/or radiodetermination purposes. Transmissions from ship stations directly to coast stations, or between ship stations, are also authorized when such transmissions are used to extend or supplement the ship-to-satellite links.

(352I) The use of the band 1644-1645 MHz is limited to transmissions from earth-to-

space stations in the aeronautical mobile-satellite (R) and maritime mobile-satellite services for communication and/or radiodetermination purposes. Transmissions from mobile stations directly to land stations, or between mobile stations, of the aeronautical mobile (R) and maritime mobile services, are also authorized. The utilization of this band is subject to prior operational coordination between the two services.

(352J) The use of the band 1645-1660 MHz is limited to transmissions from earth-to-space stations in the aeronautical mobile-satellite (R) service for communication and/or radiodetermination purposes. Transmissions from aircraft stations in the aeronautical mobile (R) service directly to terrestrial aeronautical stations, or between aircraft stations, are also authorized when such transmissions are used to extend or supplement the aircraft-to-satellite links.

(352K) Radio astronomy observations on important spectral lines due to the hydroxyl radical OH at frequencies 1612.231 MHz and 1720.530 MHz are carried out in a number of countries under national arrangements; the bands observed being 1611.5-1612.5 MHz and 1720-1721 MHz, respectively. Administrations should bear in mind the needs of the radio astronomy service in their future planning of the bands 1558.5-1636.5 MHz and 1710-1770 MHz.

(354D) The band 1700-1700.2 MHz may be used, on a secondary basis, for the transmission from space stations on board satellites of frequencies harmonically related to those emitted in the bands 149.9-150.05 MHz and 399.9-400.0 MHz for the requirements of ionospheric investigation and geodesy.

(356AB) In regions 2 and 3 and in Spain, in the band 2025-2120 MHz earth-to-space transmissions in the earth exploration-satellite service may be authorized with equality of right to operate with stations of other space radiocommunication services in the band and subject to agreement between the administrations concerned and those having services operating in accordance with the table, which may be affected.

(356ABA) In Region 2, Australia and Spain in the band 2025-2120 MHz and in Regions 1 and 3 in the band 2110-2120 MHz earth-to-space transmissions in the space research service may be authorized with equality of right to operate with other space radiocommunication services in these bands, subject to agreement between the administrations concerned and those having services operating in accordance with the table, which may be affected.

(361A) In France the band 2500-2550 MHz is also allocated on a primary basis to the radiolocation service and, on a secondary basis, to the fixed and mobile services. In Canada, the band 2500-2550 MHz is also allocated on a primary basis to the radiolocation service.

(361B) The use of the band 2500-2690 MHz by the broadcasting-satellite service is limited to domestic and regional systems for community reception and such use is subject to agreement between the administrations concerned and those having services operating in accordance with the table, which may be affected (see Resolutions Nos. Spa 2-2 and Spa 2-3). The power flux density at the earth's surface shall not exceed the values given in Nos. 470NH-470NK.

(364C) When planning new tropospheric scatter radio-relay links in the band 2500-2690 MHz, all possible measures shall be taken to avoid directing the antennae of these links towards the geostationary satellite orbit.

(364D) Administrations shall make all practicable effort to avoid developing new tropospheric scatter systems in the band 2655-2690 MHz.

(364E) The use of the bands 2500-2535 MHz and 2655-2690 MHz by the fixed-satellite service is limited to domestic and regional systems and such use is subject to agreement between the administrations concerned and those having services operating in accordance with the Table, which may be affected (see Article 9A). In the direction space-to-earth, the power flux density at the surface of the earth shall not exceed the values given in No. 470NE.

(364G) Radio astronomy observations are being carried out in the band 2670-2690 MHz in a number of countries under national arrangements. Administrations should bear in mind the needs of the radio astronomy service in their future planning of this band.

(364H) In the design of systems in the broadcasting-satellite service, administrations are urged to take all necessary steps to protect the radio astronomy service in the band 2690-2700 MHz.

(379A) The standard frequency-satellite service and the time signal-satellite service may be authorized to use the frequency 4302 MHz for space-to-earth transmissions and the frequency 6427 MHz for earth-to-space transmissions. Such transmissions shall be confined within the limits of ± 2 MHz of these frequencies and shall be subject to agreement between the administrations concerned and those having services operating in accordance with the table, which may be affected.

(382A) Radio astronomy observations on the formaldehyde line (rest frequency 4829.649 MHz) are being carried out in a number of countries under national arrangements. Administrations should bear in mind the needs of the radio astronomy service in their future planning of the band 4825-4835 MHz.

(382B) Radio astronomy observations (in the band 4950-4990 MHz) are being carried out in a number of countries under national arrangements. Administrations should bear in mind the needs of the radio astronomy service in their future planning of this band.

(383B) The band 5000-5250 MHz is also allocated to the fixed-satellite service for connection between one or more earth stations at specified fixed points on the earth and satellites used by the aeronautical mobile (R) service and/or the radio determination service. Such use and development shall be subject to agreement and coordination between the administrations concerned and those having services operating in accordance with the table, which may be affected.

(391A) Radio astronomy observations are being carried out in the bands 5750-5770 MHz and 36.458-36.488 GHz in a number of countries under national arrangements. Administrations are urged to take all practicable steps to protect radio astronomy observations in these bands from harmful interference.

(392AA) In Brazil, Canada, and the United States of America, the band 6625-7125 MHz is also allocated on a secondary basis to the fixed-satellite service for space-to-earth transmissions. In Region 2, the power flux density produced by space stations in this band shall be in accordance with the provisions of No. 470NM. In Regions 1 and 3, it shall be at least 6 db lower. Receiving earth stations in this band may not impose restrictions on the locations or technical parameters of existing or future terrestrial stations of other countries.

(405BB) Terrestrial radiocommunication services in the band 11.7-12.2 GHz in Region 2 shall be introduced only after the elaboration and approval of plans for the space radiocommunication services, so as to insure

compatibility between the uses that each country decides for this band.

(405BC) The use of the band 11.7-12.2 GHz by the broadcasting-satellite and fixed-satellite services is limited to domestic systems and is subject to previous agreement between the administrations concerned and those having services, operating in accordance with the table, which may be affected (see Article 9a and Resolution No. Spa 2-3).

(407A) The band 13.25-14.2 GHz may also be used on a secondary basis for earth-to-space transmissions in the space research service, subject to agreement between the administrations concerned and those having services operating in accordance with the table, which may be affected.

(408A) The use of the bands 14-14.3 GHz and 14.3-14.4 GHz by the radionavigation service and radionavigation-satellite service respectively, shall be such as to provide sufficient protection to space stations of the fixed-satellite service (see Recommendation No. Spa 2-15, Para. 2.14).

(403B) The band 14.4-15.35 GHz may also be used on a secondary basis for space-to-earth transmissions in the space research service, subject to agreement between the administrations concerned and those having services, operating in accordance with the table, which may be affected.

(408C) Radio astronomy observations on the formaldehyde line (rest frequency 14.489 GHz) are being carried out in a number of countries under national arrangements. In making assignments to stations in the fixed and mobile services, administrations are urged to take all practicable steps to protect radio astronomy observations from harmful interference in the band 14.485-14.515 GHz.

(409E) In Japan, the bands 19.7-21.2 GHz and 29.5-31 GHz are also allocated to the fixed and mobile services. This additional use shall not impose any limitation to the power flux density of space stations in the fixed-satellite service.

(410A) The band 22.21-22.26 GHz is also allocated to the radio astronomy service for observations of a spectral line due to water vapor (rest frequency 22.235 GHz). Administrations are urged to give all practicable protection in this band for future research in radio astronomy.

(410C) The frequency 24.125 GHz is designated for industrial, scientific and medical purposes. Emissions must be confined within the limits of ± 125 MHz of that frequency. Radiocommunication services operating within those limits must accept any harmful interference that may be experienced from the operation of industrial, scientific and medical equipment.

(412I) Radio astronomy observations in the band 31.2-31.3 GHz are carried out in a number of countries under national arrangements. Administrations are urged to take all practicable steps to protect radio astronomy observations from harmful interference.

(412J) All emissions in the bands 52-54.25 GHz, 58.2-59 GHz, 64-65 GHz, 86-92 GHz, 101-102 GHz, 130-140 GHz, 182-185 GHz, and 230-240 GHz are prohibited. The use of passive sensors by other services is also authorized.

(412K) Radio astronomy observations on the carbon monoxide line at 115.271 GHz are carried out in a number of countries under national arrangements. In making assignments to other services in the Table, administrations should bear in mind the need to protect radio astronomy observations from harmful interference in the band 115.16-115.38 GHz.

e. Footnote NG46 is deleted from the NG footnotes following the Table of Frequency Allocations in § 2.106.

f. Footnotes NG47, NG51, and NG59 are amended to read as follows:

NG47 In the band 2500-2690 MHz, the television channels 2650-2656 MHz, 2662-2668 MHz, and 2674-2680 MHz and the corresponding response frequencies 2686.9375 MHz, 2687.9375 MHz and 2688.9375 MHz may be assigned to operational fixed stations in the public safety services (Part 89 of this chapter) on a primary basis and to operational fixed stations in other services on a secondary basis. Such assignments are subject to the condition that all operational fixed stations must comply with the technical standards applicable to stations in the instructional television fixed service contained in Subpart I of Part 74 of this chapter. All other frequencies in this band for terrestrial operations are available for assignment only to stations in the instructional television fixed service. Stations authorized in this band as of July 16, 1971, which do not comply with the above provisions may continue to operate on their presently assigned frequencies on a co-equal basis with other stations operating in accordance with the table of frequency allocations. Requests for subsequent license renewals or modifications of existing licenses will be considered; however, expansion of systems comprised of such stations will not be permitted. In Alaska, however, frequencies within the band 2655-2690 MHz are not available for assignment to terrestrial stations.

NG51 In Puerto Rico and the Virgin Islands only, the bands 150.8-150.98 MHz and 150.98-151.49 MHz are allocated exclusively to the business radio service.

NG59 The frequencies 37.60 and 37.84 MHz may be authorized only for use by base, mobile, and operational fixed stations participating in an interconnected or coordinated power service utility system.

g. The following new NG footnotes are added in proper numerical sequence:

NG101 The use of the band 2500-2690 MHz by the broadcasting-satellite service is limited to domestic and regional systems for community reception of educational television programming and public service information. Such use is subject to agreement among administrations concerned and those having services operating in accordance with the table, which may be affected. Unless such agreement includes the use of higher values, the power flux density at the earth's surface produced by emissions from a space station in this service shall not exceed those values set forth in Part 73 of the rules for this frequency band.

NG102 The frequency bands 2500-2535 MHz (space-to-earth) and 2655-2690 MHz (earth-to-space) are allocated for use in the fixed-satellite service as follows:

(a) For common carrier use in Alaska, for intra-Alaska service only, and, in the mid and western Pacific area including American Samoa, the Trust Territory of the Pacific Islands, Guam and Hawaii;

(b) For educational use in the contiguous United States, Alaska, and the mid and western Pacific area including American Samoa, the Trust Territory of the Pacific Islands, Guam and Hawaii.

Such use is subject to agreement with administrations having services operating in accordance with the table, which may be affected. In the band 2500-2535 MHz, unless such agreement includes the use of higher values, the power flux density at the earth's surface produced by emissions from a space station in this service shall not exceed the values set forth in Part 25 of the rules for this frequency band.

NG103 In the band 6625-7125 MHz, the fixed-satellite service (space-to-earth) has

equal rights with the fixed and mobile services within the United States. Internationally, however, it is secondary with respect to the services of other countries operating in accordance with the table and receiving earth stations in this band may not impose restrictions on the locations or technical parameters of existing or future terrestrial stations of other countries.

NG104 The use of the bands 10.95-11.2 and 11.45-11.7 GHz in the fixed-satellite service is limited to international systems, i.e., other than domestic systems.

NG105 In the band 11.7-12.2 GHz, assignments in the Broadcasting Satellite and Fixed Satellite Services will not be made pending further order of the Commission.

NG106 Final allocation of the band 17.7-19.7 GHz will be based upon determinations made in Docket 18920.

h. Footnotes US3, US6, US37, US38, US40, US52, US55, US56, US61, US62, US68, US83, US84, US86, US89, US91, US92, and US101 are deleted from the U.S. footnotes following the Table of Frequency Allocations in § 2.106.

i. The following U.S. footnotes are amended to read as indicated.

US1 In the bands 26.96-27.23, 28-29.7, 50-54, and 144-148 MHz pulsed emissions are prohibited.

US 13 For the specific purpose of transmitting hydrological and meteorological data in cooperation with agencies of the Federal Government, the following frequencies may be authorized to non-Government fixed stations on the condition that harmful interference will not be caused to Government stations.

MHz	MHz	MHz
169.425	171.025	406.125
169.450	171.050	406.175
169.475	171.075	409.675
169.500	171.100	409.725
169.525	171.125	412.625
170.225	171.825	412.675
170.250	171.850	412.725
170.275	171.875	412.775
170.300	171.900	
170.325	171.925	

Licenseses holding a valid authorization on June 11, 1962, to operate on the frequencies 169.575, 170.375, or 171.975 MHz may continue to be authorized for such operation on the condition that harmful interference will not be caused to Government stations.

Licenseses holding a valid authorization on January 1, 1973, to operate on the frequencies 406.025, 406.050, or 406.075 MHz may continue to be authorized for such operations until the expiration of their present license on the condition that harmful interference will not be caused to stations operating in accordance with the table.

US14 The frequency band 510-535 kHz is not available to non-Government stations except that the frequency 512 kHz is available for use by non-Government ship telegraph stations, as a working frequency. When 500 kHz is being used for distress purposes, ship and coast stations may use 512 kHz for calling.

US21 Existing Government operations and non-Government stations authorized in the band 73-74.6 MHz as of December 1, 1961, may continue and shall not be required to afford protection to radio astronomy observatories within the United States and possessions. However, by international agreement, such stations must afford protection to the observatories of other countries.

US32 The Government use of the band 123.125-123.575 MHz is for FAA communications incident to flight test activities pertinent to aircraft and facility certification.

US33 The band 123.125-123.575 MHz is for use by flight test and aviation instruction stations.

US34 The only non-Government service permitted in the bands 220-225 MHz, 1215-1300 MHz, 2300-2450 MHz, and 5650-5925 MHz is the amateur service. The amateur service shall not cause harmful interference to the radiolocation service.

US35 Except as provided by footnotes 320A and US87, the only non-Government service permitted in the band 420-450 MHz is the amateur service. The amateur service shall not cause harmful interference to the radiolocation service.

US48 The non-Government radiolocation service may be authorized in the bands 5350-5460 MHz and 9000-9200 MHz on the condition that it does not cause harmful interference to the aeronautical radionavigation service or to the Government radiolocation service.

US51 In the bands 5600-5650 MHz and 9300-9500 MHz the non-Government radiolocation service shall not cause harmful interference to the Government radiolocation service.

US53 In view of the fact that the band 13.25-13.4 GHz is allocated to Doppler navigation aids, Government and non-Government airborne Doppler radars in the aeronautical radionavigation service are permitted in the band 8750-8850 MHz only on the condition that they must accept any interference which may be experienced from stations in the radiolocation service in the band 8500-10,000 MHz.

US70 The meteorological aids service allocation in the band 400.15-406 MHz does not preclude the operation therein of associated ground transmitters.

US74 In the bands 21.85-21.87, 73-74.6, 406.1-410, 1400-1427, 1660-1670, 2690-2700, and 4990-5000 MHz and in the bands 10.68-10.7, 15.35-15.4, 23.6-24, 31.2-31.5, 86-92, 130-140, and 230-240 GHz, the radio astronomy service shall be protected from extra-band radiation only to the extent that such radiation exceeds the level which would be present if the offending station were operating in compliance with the technical standards or criteria applicable to the service in which it operates.

US78 In the band 1435-1535 MHz, the frequencies between 1435 and 1485 MHz will be assigned primarily for the flight testing of manned aircraft, or major components thereof; the frequencies between 1485 and 1535 MHz will be assigned primarily for the flight testing of unmanned aircraft and missiles or major components thereof. Included as permissible usage for aeronautical telemetering stations in the band 1435-1535 MHz is telemetry associated with launching and reentry into earth's atmosphere, as well as any incidental orbiting prior to reentry, of manned or unmanned objects undergoing flight tests.

US81 The band 38-38.25 MHz may be used by both Government and non-Government radio astronomy observatories. No new assignments are to be made and Government stations in the band 38-38.25 MHz will be moved to other bands on a case-by-case basis, as required, to protect radio astronomy observations from harmful interference. As an exception, however, low powered military transportable and mobile stations used for tactical and training purposes will continue to use the band. To the extent practicable, the latter operations will be adjusted to relieve such interference as may be caused by radio astronomy observations. In the event of harmful interference from such local operations, radio astronomy observatories may contact local military commands directly, with the view of effecting relief. A list of military commands, areas of coordination, and points of contact for purposes of relieving

interference may be obtained upon request from the Office of the Chief Engineer, Federal Communications Commission, Washington, D.C. 20554.

US82 The assignable frequencies in the bands 4139.5-4142.5 kHz, 6210.4-6216.5 kHz, 8281.2-8288 kHz, 12421-12431.5 kHz, 16565-16576 kHz, and 22094.5-22112 kHz may be authorized on a shared nonpriority basis to Government and non-Government ship and coast stations (SSB telephony, with peak envelope power not to exceed 1 kw.).

US90 In the band 2025-2120 MHz earth-to-space transmissions in the space research and earth exploration-satellite services by Government and non-Government stations at specific locations may be authorized subject to such conditions as may be applied on a case-by-case basis.

US94 The bands 30.005-30.015 MHz, 39.986-40.02 MHz, and 40.980-41.015 MHz are also allocated, on a secondary basis, to the Government and non-Government space research service for space-to-earth transmission only.

US99 In the band 1660-1670 MHz the meteorological aids service (radiosonde) will avoid operations to the maximum extent practicable. Whenever it is necessary to operate radiosondes in the band 1660-1670 MHz within the United States, the radio astronomers will be notified in a timely manner.

US104 In the band 90-110 kHz, the LORAN radionavigation system has priority in the United States and possessions.

US110 In the frequency bands 3100-3300 MHz, 3500-3700 MHz, 5250-5350 MHz, 8500-9000 MHz, 9200-9300 MHz, 9500-10000 MHz, 13.4-14.0 GHz, 15.7-17.7 GHz, 24.05-24.25 GHz, and 33.4-36 GHz, the non-Government radiolocation service shall be secondary to the Government radiolocation service and to airborne doppler radars at 8800 MHz.

US111 In the band 1990-2110 MHz, Government space research earth stations may be authorized to use the frequencies 2062.05, 2062.85, 2063.85, 2069.2, 2070, 2071, 2075.6, 2076.6, 2077.6, 2101.8, 2106.4 MHz, and the band 2110-2120 MHz for earth-to-space transmissions for tracking, ranging and telecommand purposes at only the sites listed below. Such transmissions shall not cause harmful interference to non-Government operations.

Corpus Christi, Tex., 27°39' N., 097°23' W.
Fairbanks, Alaska, 64°59' N., 147°53' W.
Goldstone, Calif., 35°18' N., 116°54' W.
Greenbelt, Md., 39°00' N., 076°50' W.
Guam, Mariana Islands, 13°19' N., 144°44' E.

Kaui, Hawaii, 22°08' N., 159°40' W.
Merritt Island, Fla., 28°29' N., 080°35' W.
Rosman, N.C., 35°12' N., 082°52' W.
Wallops Island, Va., 37°57' N., 075°28' W.

US117 In the band 406.1-410 MHz, all new authorizations will be limited to a maximum of 7 watts per kHz of necessary bandwidth; existing authorizations as of November 30, 1970 exceeding this power are permitted to continue in use.

New authorizations in this band for stations, other than mobile stations, within the following areas are subject to prior coordination by the applicant with the Secretary of the Committee on Radio Frequencies of the National Academy of Sciences:

Arecibo Observatory: Rectangle between latitudes 17°30' N. and 19°00' N. and between longitudes 65°10' W. and 68°00' W.

Five College Radio Astronomy Observatory: Rectangle between latitude 41°40' N. and 42°50' N. and between longitudes 71°20' W. and 73°20' W.

Owens Valley Radio Observatory: Two contiguous rectangles, one between latitudes 36° N. and 37° N. and longitudes 117°40' W.

Sagamore Hill Radio Observatory: Rectangle between latitudes 42°10' N. and 43°00' N. and longitudes 70°31' W. and 71°31' W.

Vermilion River Observatory: Rectangle between latitudes 38°35' N. and 41°31' N. and longitudes 86°15' W. and 89°30' W.

The non-Government use of this band is limited to the radio astronomy service and as provided by footnote US13.

j. The following new US footnotes are added in proper numerical sequence:

US200 In the bands 157.3125-157.4125 MHz and 161.9125-162.0125 MHz, the use of satellite systems for safety and distress may be authorized on an exclusive basis on frequencies designated for such use by the WARC-MM, 1974. Such systems shall not be brought into use prior to January 1, 1976. (see Resolution Spa 2-5, WASC-ST 1971).

US201 In the band 460-470 MHz, space stations in the earth exploration-satellite service may be authorized for space-to-earth transmissions on a secondary basis with respect to the fixed and mobile services. When operating in the meteorological-satellite service, such stations shall be protected from harmful interference from other applications of the earth exploration-satellite service. The power flux density produced at the earth's surface by any space station in this band shall not exceed -152 dBW/m²/4 kHz.

US202 The frequency 24.125 GHz is designated for industrial, scientific and medical purposes. Emissions must be confined within the limits of ±125 MHz of that frequency.

With the single exception of ASDE's operating in accordance with US 72, radiocommunication services operating within those limits must accept any harmful interference that may be experienced from the operation of ISM equipment.

US203 Government and non-Government radio astronomy observations of the formaldehyde line frequencies 4825-4835 MHz and 14.485-14.515 GHz may be made at certain radio astronomy observatories as indicated below:

Bands to be observed		Observatory
4 GHz	14 GHz	
X	X	National Radio Astronomy Observatory, Greenbank, W. Va.
X	X	Tucson (Kitt Peak), Ariz.
X	X	Naval Research Laboratory, Maryland Point, Md.
X	X	Hat Creek Observatory (University of California), Hat Creek, Calif.
X	X	Haystack Facility (MIT-Lincoln Lab), Tyngsboro, Mass.
X	X	Agassiz Station (Harvard College), Harvard, Mass.
X	X	Owens Valley Radio Observatory (Cal. Tech.), Owens Valley, Calif.
X	X	University of Michigan, Dexter, Mich.
X	X	Harvard Observatory, Fort Davis, Tex.
	X	University of Texas, Fort Davis, Tex.
	X	Aerospace Corp., El Segundo, Calif. (to be moved to Owens Valley).

Every practicable effort will be made to avoid the assignment of frequencies to stations in the fixed or mobile service in these bands. Should such assignments result in harmful interference to these observations, the situation will be remedied to the extent practicable.

US204 Frequencies 10,003 kHz, 14,993 kHz, and 19,993 kHz with emissions confined within ±3 kHz bandwidth, may be used for search and rescue communications concerning manned space vehicles.

US205 Tropospheric scatter systems are prohibited in the band 2500-2690 MHz.

US206 The use of the band 14.3-14.4 GHz by the radionavigation-satellite service shall be such as to provide adequate protection to space stations of the fixed-satellite service.

US207 In the band 14.0-14.5 GHz, only non-Government operations will be authorized in the fixed-satellite service.

US208 Planning and use of the band 1558.5-1636.5 MHz necessitate the development of technical and/or operational sharing criteria to ensure the maximum degree of electromagnetic compatibility with existing and planned systems within the band.

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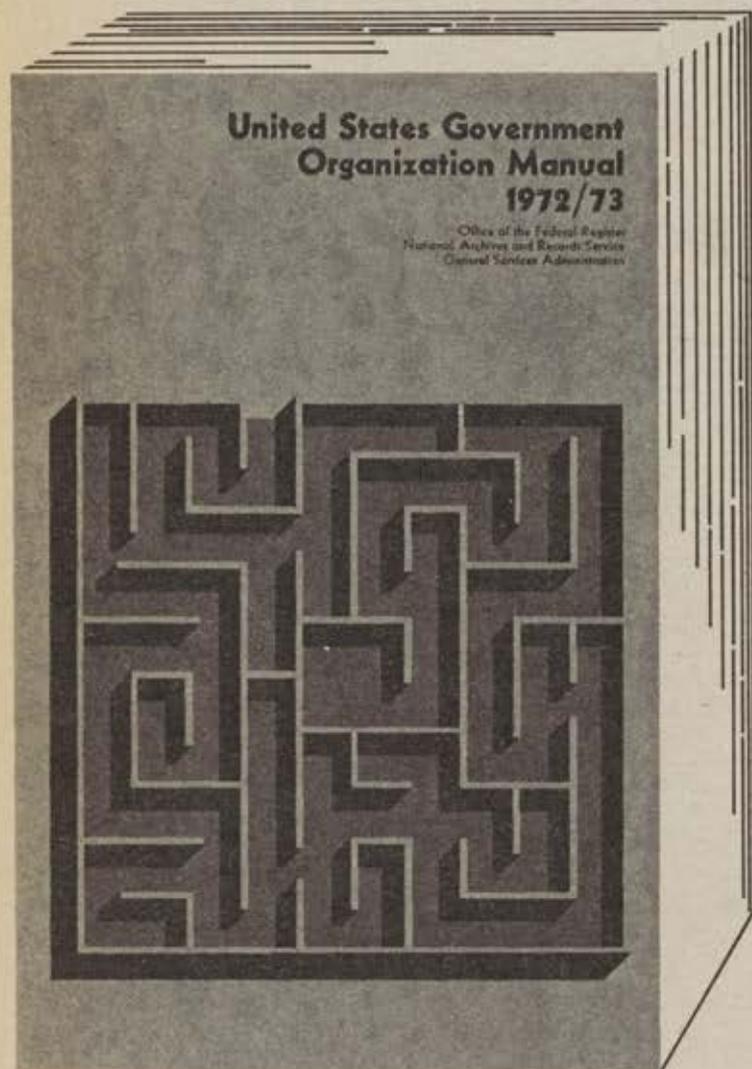
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