

GP38 764/E

MONTHLY CATALOG



OAM-INV6144

UNITED STATES
GOVERNMENT PUBLICATIONS

MARCH 1964

Entries 4175-5778

830

R
015.973
Un3mo
1964

DISTRIBUTION OF PUBLICATIONS

In ordering publications listed in this catalog, it should be noted that *only* those marked with an asterisk (*) are obtainable from the Superintendent of Documents.

Publications marked with a farad (Φ) are sold by the Office of Technical Services, Commerce Dept.

Where a single dagger (†) is the distribution symbol, application should be made directly to the department or bureau issuing the document.

* For sale by SUPERINTENDENT OF DOCUMENTS

Φ For sale by Office of Technical Services,
Commerce Dept.

† Distribution made by Issuing Office. Not
definitely available if unaccompanied by
a price

‡ Printed for Official Use
(not available for distribution)

• Sent to Depository Libraries

MONTHLY CATALOG



OF UNITED STATES
GOVERNMENT PUBLICATIONS

MARCH 1964

Number 830

Entries 4175-5778

Issued by the SUPERINTENDENT OF DOCUMENTS

UNITED STATES GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C., 20402 : 1964

L.C. Card 4-18088

FOR SALE BY THE SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT
PRINTING OFFICE, WASHINGTON, D.C., 20402. PRICE 50 CENTS PER COPY
EXCEPT DECEMBER (INDEX) ISSUE, WHICH VARIES IN PRICE
SUBSCRIPTION PRICE: \$4.50 PER YEAR (INCLUDING INDEX)
\$1.50 ADDITIONAL FOR FOREIGN MAILING

PREVIEWS

The following publications are in the process of being printed. Advance sales orders may be placed for these publications. Orders will be scheduled and copies mailed as soon as stocks are received. It is not possible to estimate the lapse of time before the publications will actually appear. All information in regard to title, series, classification, distribution, and price given in these listings is preliminary and subject to change when the publications actually come from the press. Those so marked will be sent to depository libraries, providing, that at the time of going to press, the libraries were on list to receive the items under which these publications will be distributed.

- American foreign policy, current documents, 1960-61. (State Department.)
\$3.50. ● S 1.71/2: 960-61
- Annual report of Chief of Engineers, Army, on Civil works activities, 1963, v. 2.
(Engineers Corps (Army).) [Also issued as H. doc. 254, 88th Cong., 2d
sess.] \$5.25. ● D 103.1: 963/v.2
- Annual report of Civil Service Commission, fiscal year 1963. [Also issued as
H. doc. 263, 88th Cong., 2d sess.] 60c. ● CS 1.1: 963
- Area Redevelopment Administration, annual report fiscal year 1963. 40c. ●
C 46.1: 963
- Areawide planning of facilities for tuberculosis services. (Public Health Serv-
ice, Publication 930-B-4. 40c. ● FS 2.74/3: B-4
- Automatic feeding equipment for livestock and poultry. (Agriculture Depart-
ment, Farmers' bulletin 2198.) 15c. ● A 1.9: 2198
- Creep and drying shrinkage of lightweight and normal-weight concretes. (Na-
tional Bureau of Standards, Monograph 74.) 30c. ● C 13.44: 74
- Customs Court reports, vol. 50, cases adjudged Jan-June 1963. \$2.75. ●
Ju 9.5: 50
- Education in Chile. (Education Office, OE-14096, Bulletin 1964, no. 10. Studies
in comparative education.) 20c. ● FS 5.214: 14096
- Electric utility depreciation practices, 1961. (Federal Power Commission, FPC
S-161.) 15c. ● FP 1.21: 161
- Employment outlook for accountants. (Labor Statistics Bureau, Bulletin
1375-1.) 5c. ● L 2.3: 1375-1
- Enrollment for advanced degrees, fall 1961. (Education Office, OE-54019-61,
Circular 725.) \$1.25. ● FS 5.254: 54019-61
- Ethnography of the Huron Indians, 1615-1649. (American Ethnology Bureau,
Bulletin 190.) [Also issued as H. doc., 88th Cong., 1st sess.] \$1.00. ●
SI 2.3: 190
- Fair labor standards act, as amended, to provide for establishment of fair labor
standards in employment in and affecting interstate commerce and for other
purposes. [Revised 1964.] (Wage and Hour and Public Contracts Divisions.)
15c. ● L 22.5: F 15/964
- First facts about drugs. (Food and Drug Administration. Publication 21.)
15c. ● FS 13.111: 21
- Hawaii Volcanoes National Park, Hawaii. [Revised 1964.] (National Park
Service.) 15c. ● I 29.6: H 31/2/964
- Interior decoration for Veterans Administration hospitals. (Veterans Adminis-
tration, VA pamphlet 10-71.) 40c. ● VA 1.19: 10-71
- Interviewing guides for specific disabilities, visual impairment. (Employment
Security Bureau.) 10c. ● L 7.54: V 82

- Labor laws and their administration, proceedings of convention of International Association of Governmental Labor Officials.** (Labor Standards Bureau, Bulletin 260.) 55c. ● L 16.3: 260
- Lake Mead National Recreation Area, Arizona-Nevada.** (National Park Service.) 15c. ● I 29.39: L 14/3/964
- Making pickles and relishes at home.** (Agriculture Department, Home and garden bulletin 92.) 15c. ● A 1.77: 92
- Mathematics, vol. 3.** (Naval Personnel Bureau, NAVPERS 10073, Navy training course.) \$1.00. ● D 208.11: M 42/2/v.3
- NASA photography from five years in space.** (National Aeronautics and Space Administration.) 20c. ● NAS 1.2: P56
- Negro women workers in 1960.** (Women's Bureau, Bulletin 287.) 30c. ● L 13.3: 287
- Petroleum industry of Iran.** (Mines Bureau, Circular 8203.) \$1.00. ● I 28.27: 8203
- Planning to study in the United States?** (Education Office, OE-14040.) 20c. ● FS 5.214: 14040
- Proceedings of World Forum on Syphilis and Other Treponematoses.** (Public Health Service, Publication 997.) \$4.00. ● FS 2.60/2: Sy 7
- Research highlights of National Bureau of Standards, annual report fiscal year 1963.** (National Bureau of Standards, Miscellaneous publication 255.) \$1.00. ● C 13.1: 963
- Report of Public Health Service Technical Committee on Plumbing Standards.** (Public Health Service, Publication 1038.) 45c. ● FS 2.6: P 73
- Report of Tax Court of United States, vol. 40.** \$3.75. ● Ju 11.7: 40
- Report on restoration of Ford Theater.** (National Park Service.) \$1.00. ● I 29.21: F 75
- Scientific and technical personnel in industry, 1961 report.** (National Science Foundation, NSF 63-32.) 55c. ● NS 1.2: Sci 2/9/961
- Scientists and engineers in Federal personnel system, 1963.** (Civil Service Commission.) 40c. ● CS 1.2: Sci 2/3
- Scientists, engineers and technicians in 1960, requirement and supply.** (National Science Foundation.) 45c. ● NS 1.2: Sci 2/18
- Structure and decision-making in Soviet education.** (Education Office, OE-14094, Bulletin 1964, no. 2, Studies in comparative education.) 25c. ● FS 5.214: 14094
- Surgery in World War II, activities of surgical consultants, v. 2.** (Army Medical Service.) \$8.50. ● D 104.11: Su 7/9/v.2
- Use of stabilized earth block in farm construction.** (Agriculture Department, Technical bulletin 1305.) 10c. ● A 1.36: 1305
- Wood crate, design manual.** (Agriculture Department, Agriculture handbook 252.) 70c. ● A 1.76: 252
- Yosemite National Park, Calif. [Revised 1964.]** (National Park Service.) 15c. ● I 29.6: Y 8/9/964

Contents

	<i>Page</i>
Previews-----	III
Abbreviations, Explanation-----	VI
General Information-----	VII
How To Order Publications-----	VIII
New Classification Numbers-----	IX
Discontinued Series-----	IX
Corrections for Previous Monthly Catalogs-----	X
Classified List of Government Au- thors-----	XI
Monthly Catalog-----	1
Index-----	95

Abbreviations

add.....	addition, addendum, addenda.	n. d.....	no date.
amdt., amdts.....	amendment, amendments.	n. p.....	no place.
app.....	appendix, appendixes.	no., nos.....	number, numbers.
bk., bks.....	book, books.	p.....	page, pages.
chap.....	chapter, chapters.	p. of pl.....	pages of plate.
Cong.....	Congress.	par., pars.....	paragraph, paragraphs.
Dept.....	Department.	pl.....	plate, plates.
doc.....	document.	pl.....	portrait, portraits.
8°.....	Octavo.	pt., pts.....	part, parts.
f°.....	folio.	rp.....	report.
facsim.....	facsimile, facsimiles.	S.....	Senate, Senate bill.
4°.....	quarto.	S. Con. Res.....	Senate concurrent resolution.
fy.....	fiscal year.	S. doc.....	Senate document.
G. H. A.....	Greenwich hour angle.	S. ex. doc.....	Senate executive document.
H.....	House.	S. ex. rp.....	Senate executive report.
H. Con. Res.....	House concurrent resolution.	S. J. Res.....	Senate joint resolution.
H. doc.....	House document.	S. Res.....	Senate resolution.
H. ex. doc.....	House executive document.	S. rp.....	Senate report.
H. J. Res.....	House joint resolution.	sec.....	section, sections.
H. R.....	House of Representatives, House bill.	sess.....	session, sessions.
H. Res.....	House resolution.	16°.....	sixteenmo.
H. rp.....	House report.	Stat. L.....	Statutes at large.
il.....	illustration, illustrations.	supp.....	supplement.
in.....	inch, inches.	tab.....	table, tables.
lat.....	latitude.	32°.....	thirty-two mo.
long.....	longitude.	Treas.....	Treasury.
m.....	mile.	12°.....	twelvemo.
MRC.....	Mississippi River Commission.	24°.....	twenty-fourmo.
		v.....	volume, volumes.
		vs., v.....	versus.

Common abbreviations for the names of States, months, etc., are also used.

Explanation

The individual issuing department, bureau, office, or agency is considered the publisher of Government publications.

Words and figures enclosed in brackets [] are given for information, but do not appear on the title pages of the publications cataloged. Place and printer are not given for publications printed at the United States Government Printing Office, Washington, D.C., or at Government departmental and field printing plants. Size is not given for octavo publications. Size of maps is approximate, measurement being made from outer edge of border, excluding margin. The dates given with Senate and House documents and reports are the dates on which they were ordered to be printed. Usually the printing promptly follows the ordering, but various causes sometimes make delays.

Under provisions of the Printing Act of January 12, 1895, all Government publications are entered in the Monthly Catalog. However, administrative and confidential (or restricted) publications are omitted.

The L.C. card number appended to some of the entries is for those libraries ordering printed cards from the Library of Congress. The number at the extreme right of an entry indicates the classification of the publication in the Office of the Superintendent of Documents.

General Information

The Superintendent of Documents, Government Printing Office, Washington, D.C., is authorized by law to sell copies of Government publications and to allow a discount of 25 percent to book dealers and also to quantity purchasers of 100 or more copies of a single publication on condition that they will adhere to the public sales price set by the Superintendent of Documents and that publications shall not be overprinted with any advertising matter.

Publications cannot be supplied free to individuals nor forwarded in advance of payment.

PRICE LIST

There is no general price list of public documents, but numerous lists have been prepared on special subjects and any of these will be furnished free, on application, by subject or subjects concerning which information is desired. It will also be noted that current publications which are for sale are listed in this catalog.

LIST OF SELECTED PUBLICATIONS

In addition to the price lists, the Documents Office issues a biweekly list of Selected United States Government publications for sale by the Superintendent of Documents. Each list is arranged alphabetically by subjects, with annotations and prices, and may be obtained free upon application to the Superintendent of Documents.

CONGRESSIONAL BILLS, DOCUMENTS, AND REPORTS

More than 12,000 different bills are usually introduced during a Congress, and there are additional prints on many during the progress of the legislation. With the exception of a very few—such as revenue bills—the demand is an unknown quantity and on most of them we receive no orders, which makes it impossible to print a sales supply. It may be that a copy could be obtained from your Congressman.

A difficult problem is also presented in providing a supply of congressional documents, hearings, and reports because there are approximately 6,000 of this class of publications issued during a Congress and only a few of them are called for. We will attempt to print for sale a few of the more important ones, but if not priced the only possible source would be from your Congressman.

HOW TO ORDER PUBLICATIONS

Publications entered in this catalog that are for sale by the Superintendent of Documents are indicated by an asterisk (*) preceding the price. Those for sale by the Office of Technical Services, Commerce Department, are indicated by a farad (⊕) preceding the price. A black dot (●) indicates that the publication has been or will be sent to depository libraries. A dagger (†) indicates that application should be made to the department, bureau, or agency issuing the document. A double dagger (‡) indicates that the document is printed for official use and is not obtainable. Whenever additional information concerning the method of procuring a document seems necessary, it will be found under the name of the bureau by which it was published.

In ordering a publication from the Superintendent of Documents, give (if known) the name of the publishing department, bureau, or agency, and the title, together with the classification number which is added to the entry at the extreme right; order the congressional documents and reports by the title, together with the document or report number and the Congress, e.g., H. doc. 103, 88th Congress.

Do not use the L.C. card number in ordering a publication from the Superintendent of Documents.

HOW TO REMIT

Remittances for documents marked with an asterisk (*) should be made to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402, by coupon, postal money order, express order, or check. Publications cannot be mailed in advanced of receipt of remittance. Currency may be sent at sender's risk. Foreign remittances should be made either by international money order or draft on an American bank.

Foreign money, defaced or smooth coins, will not be accepted. Do not send postage stamps.

For the convenience of the general public, coupons in the denomination of 5c that are good until used in exchange for Government publications sold by the Superintendent of Documents, may be purchased from this office. Address order to Superintendent of Documents, Government Printing Office, Washington, D.C., 20402.

Persons who make frequent purchases from the Superintendent of Documents may find a deposit account convenient. Deposits of \$25.00 or more are accepted against which orders may be placed without making individual remittances or first obtaining quotations. Order blanks are furnished for this purpose. After the handling of the order has been completed, it will be returned showing the publications supplied, explanations regarding those not sent, the amount of charge, and the balance on deposit.

No charge is made for postage on documents forwarded to points in United States and possessions, or to Canada, Cuba, Mexico, and certain Central and South American countries. To other countries the regular rate of postage is charged, and remittances must cover such postage. In computing foreign postage, add one-fourth of the price of the publication.

LIBRARY CLASSIFICATION IN DOCUMENTS OFFICE

The classification given at the right of entries for departmental publications is that used in the Library of the Division of Public Documents. It is also used as a catalog number for sales stock of this office. The shilling mark (/) separates what would ordinarily be superior or inferior numbers or letters, as it is not practicable to print these numbers or letters as superiors or inferiors in the Monthly Catalog.

New Classification Numbers

- A 57.1/2: date----- Soil Conservation Service.
Conservation highlights, digest of annual report of Soil Conservation Service.
- C 1.48: nos.----- Commerce Department
Staff reports.
- NOTE.—Issued by Office of Assistant Secretary of Commerce for Science and Technology.
- C 3.62/4: nos.----- Census Bureau.
United States maps, GE-50 (series).
- C 31.206/7: date----- Civil Aeronautics Board.
Regulations of Civil Aeronautics Board.
- C 37.27: nos.----- Public Roads Bureau.
Highway planning technical reports.
- C 42.22: nos.----- International Commerce Bureau.
Reports prepared by Foreign Service of United States, listings.
- D 7.6/9: nos.----- Defense Department.
HQM (series).
- D 13.16: date----- Civil Defense Office.
Western Training Center, catalogs and schedules of courses.
- D 217.16/4-2: letters-nos----- Naval Weapons Bureau.
Technical manual, Navy calibration program, measurement system operation procedure.
- D 301.45/33: Reserved Air Force Department
- D 301.45/33-2: nos.----- Arnold Engineering Development Center:
AEDC-TDR (series).
- GS 2.10/5: date----- Federal Supply Service.
Federal stock number reference catalog.
- IA 1.17/2: Reserved United States Information Agency.
- IA 1.17/3: CT----- English teaching study units.
- L 13.23: nos.----- Women's Bureau
International report, IR series
- NS 1.17/3: nos.----- National Science Foundation.
International science notes, supplements.
- Pr 36.8: Reserved President of United States
- Pr 36.9: date----- Economic report of the President.

NOTE.—See, for earlier class, Pr 35.9: (date).

Discontinued Series

- A 85.12: nos.----- Commodity Exchange Authority.
Weekly report ["on call" positions and transactions in spot cotton].
- NOTE.—Discontinued with no. 31, Aug. 3, 1962.
- FR 12.24: date----- Federal Reserve System Board of Governors.
Weekly department store sales, Federal reserve statistical release H.8.a.

NOTE.—Discontinued with Feb. 5, 1964, issue.

Employment Security Bureau.

L 7.38/2: date/nos----- Insured unemployed, personal and economic characteristics (monthly).

NOTE.—Discontinued with Nov. 1963 issue.

Emergency Planning Office.

PrEx 4.3/3: nos----- Information bulletin, IB (series).

NOTE.—Discontinued Oct. 1962.

Corrections for Previous Monthly Catalogs

- Nov. 1955. Entries 18651-18563, Bibliographic series of Quartermaster Food and Container Institute for the Armed Forces. Correct class to read D 106.10/3: (nos.).
- June 1956. Entry 9383, Bibliographic series of Quartermaster Food and Container Institute for the Armed Forces, no. 4, Ionizing radiations, their production, effects, and utilization (with special reference to food and packaging technology), supp. 1 and 2, subject index. Correct class to read D 106.10/3:4/pt.1-3/supp. 1,2.
- Dec. 1956. Entry 20771, Bibliographic series of Quartermaster Food and Container Institute for the Armed Forces, no. 4, Ionizing radiations, their production, effects, and utilization (with special reference to food and packaging technology), supp. 3 and subject index (2 parts). Correct class to read D 106.10/3:4/pt.1-3/supp.3/pt.1-2.
- Oct. 1961. Page 108, 1st column, under Commerce: foreign trade—statistics, collection and publication, amend U.S. Code—hearing, correct entry number to read 16853.
- Dec. 1961. Page 188, 1st column, under Commerce: foreign trade—statistics, collection and publication, amend U.S. Code—hearing, correct entry number to read 16853.
- Aug. 1963. Entry 13913, Minimum property standards for urban renewal rehabilitation, 1-11 living units. Correct class to read HH 2.17/3: Ur 1/963.
- Oct. 1963. Entry 17407, Smaller communities program. Correct class to read L 7.18/a: C 737/2/963.
- Nov. 1963. Entry 18375, Beacon of hope, exchange-of-persons program, report from Advisory Commission on International Educational and Cultural Affairs. Correct class to read Y 3.Ad 9/9: 2 Ex 2.
- Entry 18929, Russian trawler traffic in United States territorial waters, report of Subcommittee for Special Investigations, 88th Congress, 1st session, under authority of H. Res. 84; Aug. 27, 1963. Correct class to read Y 4.Ar 5/2: R 92/2.
- Dec. 1963. Page 106, 2d column, under Atomic Energy Joint Committee: hearings, correct 19867-70 to read 1968-70.
- Page 138, 1st column, 2d line, correct to read: small business—continued.
- Page 295, 2d column, under Government Printing Office: training series, change 17536 to read 19332.
- Jan. 1964. Entry 813, Water requirements of petroleum refining industry. Correct Water-supply paper number to read 1330-G.
- Entry 1647, CRP, what it is, how it may be used. Correct class to read HH 7.2: C 73/2.

Classified List of Government Authors

	Beginning entry
Advisory Commission On Information.....	4176
Agriculture Department.....	4193
Agricultural Marketing Service.....	4177
Agricultural Research Service.....	4188
Economic Research Service.....	4611
Federal Crop Insurance Corporation.....	4688
Foreign Agricultural Service.....	4750
Information Office.....	4830
Rural Electrification Administration.....	5675
Soil Conservation Service.....	5692
Statistical Reporting Service.....	5712
Atomic Energy Commission.....	4291
Civil Aeronautics Board.....	4364
Civil Service Commission.....	4375
Commerce Department.....	4409
Business and Defense Services Administration.....	4324
Census Bureau.....	4339
Coast and Geodetic Survey.....	4402
International Commerce Bureau.....	4847
National Bureau of Standards.....	5539
National Inventors Council.....	5580
Patent Office.....	5630
Public Roads Bureau.....	5669
United States Travel Service.....	5739
Weather Bureau.....	5753
Congress.....	4415
Atomic Energy Joint Committee.....	4422
Economic Joint Committee.....	4424
House of Representatives.....	4425
Agriculture Committee.....	4485
Appropriations Committee.....	4489
Banking and Currency Committee.....	4490
Education and Labor Committee.....	4492
Foreign Affairs Committee.....	4495
Government Operations Committee.....	4498
House Administration Committee.....	4499
Interstate and Foreign Commerce Committee.....	4500
Judiciary Committee.....	4502
Merchant Marine and Fisheries Committee.....	4504
Public Works Committee.....	4505
Rules Committee.....	4507
Science and Astronautics Committee.....	4508
Veterans' Affairs Committee.....	4511
Ways and Means Committee.....	4512

Congress—Continued	Beginning entry
Internal Revenue Taxation Joint Committee.....	4514
Senate.....	4515
Aeronautical and Space Sciences Committee.....	4568
Appropriations Committee.....	4569
Armed Services Committee.....	4571
Banking and Currency Committee.....	4573
Commerce Committee.....	4576
District of Columbia Committee.....	4578
Foreign Relations Committee.....	4580
Government Operations Committee.....	4583
Interior and Insular Affairs Committee.....	4585
Labor and Public Welfare Committee.....	4589
Post Office and Civil Service Committee.....	4591
Public Works Committee.....	4593
Rules and Administration Committee.....	4594
Defense Department.....	4597
Air Force Department.....	4222
Air Force Medical Service.....	4265
Armed Forces Information and Education.....	4275
Army Department.....	4279
Engineers Corps.....	4663
Military History, Office of Chief of.....	5470
Ordnance Corps.....	5628
Quartermaster General of Army.....	5671
Transportation Corps.....	5722
Civil Defense Office.....	4366
Joint Chiefs of Staff.....	4882
Navy Department.....	5624
Marine Corps.....	5459
Medicine and Surgery Bureau.....	5461
Naval Operations Office	
Naval Oceanographic Office.....	5574
Naval Personnel Bureau.....	5580
Naval Research Office.....	5586
Naval Weapons Bureau.....	5618
Supplies and Accounts Bureau.....	5715
Yards and Docks Bureau.....	5772
District of Columbia.....	4610
Emergency Boards (under sec. 10, Railway labor act).....	4653
Farm Credit Administration.....	4673
Federal Aviation Agency.....	4674
Air Traffic Service.....	4266
Aviation Medical Service.....	4312
Flight Standards Service.....	4748
Systems Research and Development Service.....	5717
Federal Communications Commission.....	4686
Federal Home Loan Bank Board.....	4689
Federal Maritime Commission.....	4700
Federal Power Commission.....	4702
Federal Reserve System Board of Governors.....	4714
Federal Trade Commission.....	4726
General Accounting Office.....	4752

	Beginning entry
General Services Administration.....	4771
Federal Supply Service.....	4721
National Archives and Records Service.....	5538
Federal Register Office.....	4710
Government Printing Office	
Public Documents Division.....	5641
Health, Education, and Welfare Department.....	4825
Education Office.....	4616
Food and Drug Administration.....	4749
Public Health Service.....	5645
National Institutes of Health.....	5552
Social Security Administration.....	5686
Vocational Rehabilitation Administration.....	5747
Welfare Administration.....	5761
Children's Bureau.....	4357
Family Services Bureau.....	4672
Housing and Home Finance Agency.....	4827
Federal Housing Administration.....	4691
Interior Department.....	4831
Coal Research Office.....	4401
Fish and Wildlife Service.....	4728
Geological Survey.....	4775
Mines Bureau.....	5471
National Park Service.....	5565
Outdoor Recreation Bureau.....	5629
Reclamation Bureau.....	5672
Interstate Commerce Commission.....	4871
Joint Publications Research Service.....	4884
Justice Department.....	5415
Immigration and Naturalization Service.....	4828
Labor Department.....	5417
Employees' Compensation Appeals Board.....	4654
Employees' Compensation Bureau.....	4655
International Labor Affairs Bureau.....	4870
Labor Standards Bureau.....	5419
Labor Statistics Bureau.....	5425
Manpower Administration	
Apprenticeship and Training Bureau.....	4274
Employment Security Bureau.....	4656
Wage and Hour and Public Contracts Divisions.....	5750
Women's Bureau.....	5763
Library of Congress.....	5454
Copyright Office.....	4595
Missouri Basin Inter-Agency Committee.....	5499
National Aeronautics and Space Administration.....	5500
National Labor Relations Board.....	5561
National Mediation Board.....	5562
National Science Foundation.....	5572
Post Office Department.....	5631
President of United States.....	5634
Executive Office of the President	
Budget Bureau.....	4319
National Aeronautics and Space Council.....	5537

	Beginning entry
Renegotiation Board.....	5674
Ship Structure Committee.....	5677
Small Business Administration.....	5678
Smithsonian Institution.....	5685
American Ethnology Bureau.....	4272
Freer Gallery of Art.....	4751
National Gallery of Art.....	5551
National Museum.....	5563
State Department.....	5697
International Development Agency.....	4869
Subversive Activities Control Board.....	5714
Supreme Court.....	5716
Tariff Commission.....	5718
Tennessee Valley Authority.....	5720
Treasury Department.....	5727
Coast Guard.....	4408
Customs Bureau.....	4596
Fiscal Service	
Accounts Bureau.....	4175
Internal Revenue Service.....	4832
United States Information Agency.....	5733
Veterans Administration.....	5741

Monthly Catalog

NO. 830 • MARCH 1964

ACCOUNTS BUREAU, Treasury Dept.

- 4175 Combined statement of receipts, expenditures and balances of United States Government for fiscal year 1963. [1963.] vi+[1]+642 p. 4° ([Treasury Department doc. 3230; Fiscal Service.]) * Paper, \$3.75.
● Item 928
L.C. Card 10-11510 T 63.113: 963

ADVISORY COMMISSION ON INFORMATION

- 4176 19th report of United States Advisory Commission on Information [calendar year, 1963]. [Jan. 1964.] ix+21 p. [Also issued as H. doc. 211, 88th Cong., 2d sess.] † ● Item 1049-B
L.C. card 49-46343 Y3.Ad 9/7: 1/963

AGRICULTURAL MARKETING SERVICE, Agriculture Dept.

AMS (series.) † A 88.40: (nos.)

- 4177 15. List of plants operating under USDA poultry and egg inspection and grading programs. Revised Jan. 1964. [1964.] 70 p. 4° (Poultry Division.) ● Item 19-A
L.C. card 60-60475
- 4178 16. Cotton testing service, tests available, equipment and techniques, basis for interpreting reports; [prepared in Standards and Testing Branch, Cotton Division]. Revised Dec. 1963. [1963.] [2]+55 p. il. 4°
L.C. card Agr 64-111
- 4179 284. Packers and stockyards act as it applies to auction markets, what it is, provisions, enforcement. Revised Feb. 1964. [1964.] [8] p. il. narrow 8° (Packers and Stockyards Division.) [Includes list of related publications.]
- 4180 348. Questions and answers on Packers and stockyards act for livestock producers, what it is, provisions, enforcement. Revised Jan. 1964. [1964.] [10] p. il. narrow 12° (Packers and Stockyards Division.)
- 4181 509. Dairy plants surveyed and approved by Department of Agriculture, under regulations governing inspection and grading of manufactured or processed dairy products [lists]. Revised Jan. 1964. [1964.] 31 p. 4° (Dairy Division.) ● Item 19-A
L.C. card 64-60688
- 4182 520. Official grade standards and inspection for fresh fruits and vegetables. Dec. 1963. [1]+18 p. il. narrow 8° (Fruit and Vegetable Division.)
L.C. card Agr 64-112
- 4183 523. Reports and publications of USDA's Agricultural Marketing Service (except Market news reports). Jan. 1964. 45 p. 4° [Supersedes in part AMS-48 (revised), Periodic reports of Agricultural Marketing Service Jan. 1961. The balance of AMS-48 is superseded by AMS-524, Directory of Federal-State market news reports, Jan. 1964.] ● Item 19-A
L.C. card 64-60687
- 4184 524. Directory of Federal-State market news reports. Jan. 1964. 40 p. il. 4° [Supersedes portions of AMS 48 (Revised).] ● Item 19-A
L.C. card Agr 64-92
- 4185 525. Beef carcass evaluation service. Jan. 1964. 4 p. oblong 8° (Livestock Division.)
- 4186 Publications of Horticultural Crops Branch (reference list). Oct. 1963. 24 p. 4° (CL-MQHC supplement (1963); Market Quality Research Division, Horticultural Crops Branch.) [Supersedes CL-MQHC supplement (1960).] † A 88.33: H 78/963

*For Sale by Superintendent of Documents

ΦFor Sale by OTS, Commerce Dept.

● Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

Page 1

GOVERNMENT PUBLICATIONS

- 4187 Publications of Transportation and Facilities Research Division (reference list). Sept. 1963. 14 p. 4° (CL-TF supplement (1963); Transportation and Facilities Research Division.) [Supersedes CL-TF supplements (1959), (1960), (1961).] † A 88.33/3: T 68/963

AGRICULTURAL RESEARCH SERVICE, Agriculture Dept.

- ARS (series). † A 77.15: (nos.)
- 4188 22-87. ARS special report, search for hardier fruits and nuts. Jan. 1964. [2]+17 p. 4° ● Item 25-B
L.C. card Agr 64-118
- 4189 33-89. Mechanical devices to expedite boll weevil rearing in laboratory; by R. T. Gast and H. Vardell. Dec. 1963. 10 p. il. 4° [Prepared in cooperation with Mississippi Agricultural Experiment Station.]
L.C. card Agr 64-120
- 4190 34-60. Results of 1962 regional cotton varieties tests by cooperating agricultural experiment stations; [prepared in Cotton and Cordage Fibers Research Branch, Crop Research Division]. Oct. 1963. cover title, [2]+58 p. il. 4° Crops research.)
L.C. card 64-60689
- 4191 42-90. Two mechanical-picker attachments for harvesting cotton research plots; [by] J. E. Clayton, J. T. Holstun, jr., and O. B. Wooten. Oct. 1963. 11 p. il. 4°
L.C. card Agr 64-56
- 4192 Publications and patents, Eastern Utilization Research and Development Division, publication nos. 1920-2000, July-Dec. 1963. [Jan. 1964.] 40 p. 4° † A 77.17/4: 963-2

AGRICULTURE DEPARTMENT

NOTE.—Requests to the Department of Agriculture for publications should include the USDA number if given in the entry.

- 4193 Agricultural statistics, 1963. 1963. viii+635 p. * Paper, \$1.75. ● Item 1
L.C. card Agr 36-465 A 1.47: 963
Agricultural handbooks. ● Item 3 A 1.76: (nos.)
- 4194 257. Roller ginning American-Egyptian cotton in Southwest [with list of literature cited; by David M. Alberson and Victor L. Stedronsky]. [Jan. 1964.] iii+45 p. il. (Agricultural Research Service.) †
L.C. card Agr 64-97
- 4195 265. Summary of laws and regulations affecting cheese industry; [prepared by E. Small and F. E. Fenton]. [Jan. 1964.] cover title, ii+51 p. 4° (Agricultural Marketing Service.) * Paper, 35c.
L.C. card Agr 64-69
- Agriculture information bulletins. ● Item 4 A 1.75: (nos.)
- 4196 275. Farmer cooperatives, farm business tools; by Beryle Stanton. [Jan. 1964.] [2]+ii+58 p. il. (Farmer Cooperative Service.) * Paper, 25c.
L.C. card Agr 64-96
- 4197 280. Establishing vegetation on exposed subsoil in southern Iowa and northern Missouri; [by W. C. Moldenhauer and others]. [Jan. 1964.] 15 p. il. (Agricultural Research Service.) [Prepared in cooperation with Soil Conservation Service and Iowa Agricultural and Home Economics Experiment Station and Iowa State Highway Commission.] * Paper 10c.
L.C. card Agr 64-115
- 4198 Background on: Improved standards for wheat. Jan. 22, 1964. 7 p. 4° (USDA 233-64.) † A 1.2: W 56/6
- Farmers' bulletins. ● Item 9 A 1.9: (nos.)
- 4199 1965. Planning farm for profit and stability; [by Nell W. Johnson, and Merton S. Parsons]. [Feb. 1945, slightly revised Dec. 1963.] [1963.] 32 p. il. ([Farm Production Economics Division, Economic Research Service.]) * Paper, 15c.
- 4200 2086. Growing pumpkins and squashes; [prepared by Crops Research Division and Entomology Research Division, Agricultural Research Service]. [Revised Feb. 1963, slightly revised Feb, 1964.] [1964.] 28 p. il. * Paper, 15c.
- 4201 2193. Grasshopper control; [prepared by Entomology Research Division and Plant Pest Control Division, Agricultural Research Service]. [Jan. 1964.] 12 p. il. [Supersedes Farmers' bulletin 2064, Grasshoppers, new look at ancient enemy.] * Paper, 10c.
L.C. card Agr. 64-91

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 4202 2197. Farm poultry management; [prepared by Animal Husbandry Research Division, Agriculture Research Service]. [Jan. 1964.] 32 p. il. [Includes list of publications of Agriculture Department about poultry. Supersedes Farmers' bulletin 1524, Farm poultry raising.] * Paper, 15c. L.C. card Agr 64-90

Home and garden bulletins. ● Item 11 A 1.77: (nos.)

- 4203 9. Suburban and farm vegetable gardens; [by Robert E. Wester]. [Revised Jan. 1964.] [1964.] [2]+46 p. il. 4° * Paper, 25c.
L.C. card Agr. 64-109
- 4204 94. Family food budgeting for good meals and good nutrition; [prepared by Consumer and Food Economics Research Division, Agricultural Research Service]. [Jan. 1964.] 16 p. il. 4° * Paper, 10c.
L.C. card Agr 64-98

Leaflet. ● Item 12

- 4205 293. Sweetpotato recipes. [Oct. 1946, slightly revised Jan. 1964.] [1964.] 12 p. il. narrow 8° ((Human Nutrition Research Division, Agricultural Research Service.)) [Formerly AIS-58.] * Paper, 10c. A 1.35: 293/2
L.C. card Agr 64-106

Marketing bulletin. ● Item 13-G

- 4206 29. Peanut marketing; [by Marvin W. Webster]. [Jan. 1964.] 32 p. il. (Agricultural Marketing Service, Fruit and Vegetable Division.) [Supersedes Miscellaneous publication 416, Marketing peanuts and peanut products.] * Paper, 10c. A 1.95: 29
L.C. card Agr 64-105

Marketing research reports. ● Item 13-B A 1.82: (nos.)

- 4207 602. Apple packing and storage houses, layout and design [with bibliography; by Joseph F. Herrick, jr. and others]. [Jan. 1964.] 42+[1] p. il. oblong large 8° (Agricultural Marketing Service, Transportation and Facilities Research Division.) * Paper, \$1.00.
L.C. card Agr 64-70
- 4208 618. How color of red delicious apples affects their sales; [by Hugh M. Smith and Robert E. Frye]. [1963.] iv+11 p. il. (Economic Research Service, Marketing Economics Division.) [One illustration is colored.] †
L.C. card Agr 64-95
- 4209 622. Storing fruits and vegetables on pallets in wholesale warehouses; [by Richard T. Ferris and Robert K. Bogardus]. [Feb. 1964.] 38 p. il. 4° (Agricultural Marketing Service, Transportation and Facilities Research Division.) * Paper, 25c.
L.C. card Agr 64-99
- 4210 639. Freeze-drying of foods, cost projections; [by Kermit Bird]. [Jan. 1964.] [1]+iii+34 p. il. 4° (Marketing Economics Division, Economic Research Service.) * Paper, 25c.
L.C. card Agr 64-72
- 4211 642. Improved sulfur dioxide fumigation of grapes loaded in railway refrigerator cars; [by M. Uota, and J. M. Harvey]. [Jan. 1964.] 23 p. il. 4° (Agricultural Marketing Service, Market Quality Research Division.) * Paper, 15c.
L.C. card Agr 64-104

Miscellaneous publications. ● Item 13-A A 1.38: (nos.)

- 4212 940. Range research methods, symposium, Denver, Colo., May 1962, sponsored by Division of Range and Wildlife Habitat Research, Forest Service [with list of literature cited]. Dec. 1963. vi+172 p. il. 4° (Forest Service.) * Paper, \$1.00.
L.C. card Agr 64-108
- 4213 945. Hydrologic data for experimental agricultural watersheds in United States, 956-59 [with lists of references]; compiled and assembled by Harold W. Hobbs. Nov. 1963. iv+[672] p. il. map attached to inside of back cover, 4° (Agricultural Research Service.) [Prepared in cooperation with State Agricultural Experiment Stations.] * Cloth, \$5.00
L.C. card Agr. 64-119
- 4214 947. Bunker-type fallout shelter for beef cattle. Jan. 1964. [2] p. il. 4° (Cooperative farm building plan exchange; plan no. 5950.) * Paper, 5c.
- 4215 949. Fallout shelter in farm potato storage. Jan. 1964. [2] p. il. 4° (Cooperative farm building plan exchange; plan no. 5951.) * Paper, 5c.
- 4216 951. Appalachian Trail. [Jan. 1964.] 8 p. il. narrow 8° (Forest Service.) * Paper, 5c.

PA [program aid] series.

- 4217 600. Foot-and-mouth disease, foreign threat to U.S. livestock; [prepared by Animal Disease Eradication Division, Animal Disease and Parasite Research Division, and Animal Inspection and Quarantine Division, Agricultural Research Service and Regional Analysis Division, Economic Research Service]. [Jan. 1964.] 8 p. il. narrow 8° [Some illustrations are colored.] † ● Item 14-A A 1.68: 600

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

Page 3

GOVERNMENT PUBLICATIONS

- 4218 Periodic reports of Agricultural Economics, Economic Research Service, Statistical Reporting Service. Jan. 1964. 15 p. 4° † ● Item 13-I
A 1.99:964
- Production research reports. ● Item 13-C A 1.84: (nos.)
- 4219 76. Surface energy balance in arid lands agriculture, 1960-61 [with list of literature cited]; prepared by C. H. M. van Bavel, L. J. Fritschen, R. J. Reginato. Dec. 1963. iii+46 p. il. 4° (U.S. Water Conservation Laboratory, Agricultural Research Service.) [Prepared for Meteorology Department, Army Electronic Proving Ground. Text on p. 2 and 3 of cover.] * Paper, 35c.
L.C. card Agr 64-93
- 4220 77. Effects of close-row spacings on peanut yield and on production equipment requirements; [by George B. Duke and Morris Alexander]. [Jan. 1964.] [2]+14 p. il. (Agricultural Research Service.) [Prepared in cooperation with Virginia Agricultural Experiment Station.] * Paper, 35c.
L.C. card Agr 64-113
- 4221 78. Shelterbelt tree and shrub species under dryland culture in Central Great Plains [with list of literature cited; by Gene S. Howard]. [Jan. 1964.] iii+16 p. il. (Agricultural Research Service.) * Paper, 10c.
L.C. card Agr 64-107

AIR FORCE DEPARTMENT, Defense Dept.

- 4222 Aeronautical Chart & Information Center bulletin digest, new and revised editions of aeronautical charts on issue as of Dec. 31, 1963. [1964] [4]+32 p. 4° † Aeronautical Chart and Information Center, United States Air Force, St. Louis, Mo. 63118 D 301.59/5:963-2
- Aeronautical Systems Division: Technical documentary report ASD-TDR (series). (Air Force Systems Command, Wright-Patterson Air Force Base, Ohio.) D 301.45/26-3: (nos.)
- 4223 62-186. Ultrasonic methods in study of fatigue and deformation in single crystals, pt. 2 [with list of references; by Bruce Chick and others]. Apr. 1, 1963. iv+76 p. il. 4° (Project 7360, task 736002.) [Prepared under contract AF 33(657)-8324 by Metals Research Laboratory, Brown University, Providence, R.I.] † Paper, \$2.25 (AD 408704).
- 4224 62-539, pt. 2. Electrical and electronic properties of materials information retrieval program; [by H. Thayne Johnson, Donald L. Grigsby and Dana H. Johnson.] Apr. 1963. vi+122 p. il. 4° (Directorate of Materials and Processes, project 7381, task 738103.) [Prepared under contract AF 33(616)-8438 by Hughes Aircraft Company, Culver City, Calif.] † Paper, \$2.75 (AD 407550).
- 4225 63-123. Development of materials property data processing system [with bibliographies; by R. C. Braden, C. S. Wright]. Jan. 1963. v+170 p. il. 4° (Directorate of Materials and Processes, project 7381, task 738103.) [Prepared under contract AF 33(616)-7238 by Technical Information Systems Division, Belfour Engineering Company, Suttons Bay, Mich.] † Paper, \$3.00 (AD-401358).
- 4226 63-567, pt. 1. Study of local order and solid-solution strengthening in columbium alloys [with lists of references; by P. S. Rudman]. May 1963. iv+26 p. il. 4° (Project 7351, task 735101.) [Prepared under contract AF 33 (657)-8844 by Battelle Memorial Institute, Columbus, Ohio.] † Paper, \$1.00 (AD 411549).
- Technical report ASD-TR (series). (Air Force Systems Command, Wright-Patterson Air Force Base, Ohio.)
- 4227 61-537. Thermal stresses and deflections in rectangular panels: pt. 1, Analysis and test of rectangular panels with temperature gradients through thickness [with reference list; by M. J. Forray, M. Newman, and J. Kossar]. Dec. 1962. x+73 p. il. 4° (Flight Dynamics Laboratory; project 1467, task 146702.) [Prepared under contract AF 33(616)-7751 by Republic Aviation Corp., Farmingdale, Long Island, N.Y.] † Paper, \$2.75 (AD 295559). D 301.45/26-2: 61-537
- AFCRL (series). D 301.45/4-3: (nos.)
- 4228 63-722. Research report: Ion dissociation in drift tube of time-of-flight mass spectrometer: 2. Fixed Δt method of identifying fragment ions [with list of references; by] W. W. Hunt, jr. Oct. 1963. iii+9+[2] p. il. 4° (Upper Atmosphere Physics Laboratory project 7635.) † (Price upon application).
- 4229 63-735. See, below, Instrumentation for geophysics and astrophysics 32.
- 4230 63-788. Research report: Interference properties of photons [with list of references; by] David W. Ross. Nov. 1963. v+19+[2] p. 4° (Optical Physics Laboratory project 4645.) † (Price upon application).

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 4231 63-796. Research report: Solar flux measurements at 915 Mc during partial eclipse of July 20, 1963 [with list of references; by] Richard J. Miner. Oct. 1963. vii+16+[2] p. il. 4° (Upper Atmosphere Physics Laboratory project 4603.) Φ (Price upon application).

Air Force Flight Test Center: Technical documentary report FTC-TDR
(series). (Air Force Systems Command, Edwards Air Force Base,
Calif.) \ddagger D 301.45/31-2: (nos.)

- 4232 63-18. KC-135A heavyweight 3 engine takeoff performance test [with list of references; by] Carol C. Carbaugh, Carl S. Cross. Dec. 1963. cover title, iii-iv+85 p. il. 4° (AFFTC projective directive 62-112.)
- 4233 63-26. Lag in aircraft altitude measuring systems [with list of references]; by Kirk S. Irwin. [1964.] cover title, iii-vi+27 p. il. 4°
- 4234 63-38. T-37C category 2 performance test [with list of references; by] Lawrence F. McNamar, William T. Twinting. Dec. 1963. cover title, 112 p. il. 4°

Air Force manual AFM (series). ● Item 421 D 301.7: (nos.)

- 4235 51-40B, v. 3. Air Navigation: Flying training, Change; Nov. 25, 1963. [1963.] [4] p. il. 4° [Issued in looseleaf form.] \ddagger
- 4236 52-31. Guided missiles fundamentals. [1964.] iv+579 p. il. 4° [Supersedes AFM 52-31, Sept. 20, 1957.] * Paper, \$3.00.
L.C. card 64-60680
- 4237 67-3. See Army Department, technical manual 743-200, Change 15.
- 4238 67-4. See Defense Department, Defense Supply Agency manual 4160.1.
- 4239 146-5. See Army Department, Technical manual 10-410.

Air Force pamphlet AFP (series).

- 4240 34-1-24. See Armed Forces Information and Education, DoD pamphlet PA-6
- 4241 190-4-4. See Armed Forces Information and Education, Pocket guide to Great Britain.

Arctic Aeromedical Laboratory: Technical documentary report AAL-
TDR (series). (Aerospace Medical Division, Air Force Systems Com-
mand, Fort Wainwright, Alaska.) D 301.45/30-2: (nos.)

- 4242 62-37. Color removal from surface waters by carbon filter [with list of references; by] D. J. Baumgartner. Oct. 1963. cover title, [1]+5 p. il. 4° (Project 8246-1.) [Prepared under cross service agreement CSA 61-1 by Arctic Health Research Center, Public Health Service, Department of Health, Education, and Welfare, Anchorage, Alaska.] Φ (Price upon application).
- 4243 62-44. Thermal and metabolic response of Kalahari Bushmen to moderate cold exposure at night [with list of references]; by H. T. Hammel [and others]. Sept. 1963. cover title, p. iii+29 p. il. 4° (Project 8237-02). [Prepared under contract AF 41(657)-415 by John B. Pierce Laboratory, New Haven, Conn.] Φ (Price upon application).
- 4244 63-1. Effect of exposure to low temperature on blood clearance of carbon and bacteria in mice [with list of references]; by L. B. Berry. July 1963. cover title, p. iii+12 p. 4° (Project 8241, task 824101.) [Prepared under contract AF 41(657)-340 by Department of Biology, Bryn Mawr College, Bryn Mawr, Pa.] Φ (Price upon application).
- 4245 63-4. Effect of low temperature on isolated hearts of *Citellus leucurus* and *C. mohavensis* [with list of references; by] C. P. Lyman. Sept. 1963. cover title, [1]+5 p. il. 4° (Project 8237, task 823703.) [Prepared under contract AF 41(657)-380 by Department of Anatomy, Harvard Medical School, Boston, Mass.] Φ (Price upon application).
- 4246 63-6. Hibernation in mammals and birds [with list of references]; by C. P. Lyman. Aug. 1963. cover title, [1]+13 p. il. 4° [Prepared under contract AF 41(657)-380 by Department of Anatomy, Harvard Medical School, Boston, Mass.] Φ (Price upon application).
- 4247 63-7. Cell proliferation in adrenal of control and cold exposed rats [with list of references; by] N. B. Everett and Shirley J. Weber. Aug. 1963. cover title, [1]+8 p. il. 4° (Project 8237, task 823702.) [Prepared under contract AF 41(657)-309 by Department of Anatomy, University of Washington, Seattle, Wash.] Φ (Price upon application).
- 4248 63-13. Implication of tryptophan pyrrolase in endotoxin poisoning [with list of references; by] L. J. Berry. Sept. 1963. cover title, [1]+21 p. il. 4° (Project 8241, task 824101.) [Prepared under contract AF 41(609)-1764 by Department of Biology, Bryn Mawr College, Bryn Mawr, Pa.] Φ (Price upon application).
- 4249 63-33. Metabolic studies of amino acid imbalance in cold exposed rats [with list of references; by] G. L. Klain, R. L. Winders. Aug. 1963. cover title, [1]+11 p. il. 4° (Project 8238, task 823803.) Φ Price upon application).
- 4250 63-40. Rectal temperature of working sled dog [with list of references; by] C. J. Eagan, J. L. Durrer, [and] W. M. Millard. Oct. 1963. cover title, iii-iv+8 p. 4° (Project 8237, task 823702.) Φ (Price upon application).

*For Sale by Superintendent of Documents

Φ For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- Arctic Aeromedical Laboratory: Technical note TN (series). (Aerospace Medical Division, Air Force Systems Command, Fort Wainwright, Alaska.) ‡ D 301.45/30-3: (nos.)
- 4251 62-11. Effect of cold on some aspects of protein metabolism; [by Bacon F. Chow]. Aug. 1963. cover title, 8 p. 4° ([Project 8238-03.]) [Prepared under contract AF 41(657)-299, Johns Hopkins University, Baltimore, Md.]
- 4252 62-12. Relationship of cold upon biological properties peculiar to influenza virus and its capacity for invasiveness and multiplication; [by T. G. Metcalf]. Aug. 1963. cover title, 6 p. 4° ([Project 7955-19.]) [Prepared under contract AF 41(657)-350 by Department of Bacteriology, University of New Hampshire, Durham, N.H.]
- Arnold Engineering Development Center: AEDC-TDR (series).
- 4253 63-154. Lubrication requirements for space environments [with list of references]; by J. D. Pinson, W. F. McRae. Oct. 1963. vi+39 p. il. 4° † Paper, \$1.25 (AD 420580). D 301.45/33-2: 63-154
- Instrumentation for geophysics and astrophysics (series). (Air Force Cambridge Research Laboratories, Office of Aerospace Research.)
- 4254 32. Research note: Moire fringe measuring system for far infrared interferometric spectrometer [with list of references; by] E. V. Loewenstein. Oct. 1963. v+7+[4] p. il. 4° AFCRL-63-735; Optical Physics Laboratory project 8603). † (Price upon application). D 301.45/10: 32
- Lunar chart and mosaic [charts of the moon] series. * Paper, \$5.50 (for approximately 8 charts), \$1.50 additional for foreign mailing; single copy, 50c.
- 4255 LAC39. Aristarchus. Scale 1:1,000,000. 1st edition, Nov. 1963. Aeronautical Chart and Information Center [Nov. 1963]. 19 x 24 in. [Lambert conformal conic projection. Published for National Aeronautics and Space Administration.] D 301.49/4: LAC 39
- Personnel Research Laboratory: Technical documentary report PRL-TDR (series). (6570th Personnel Research Laboratory, Aerospace Medical Division, Air Force Systems Command, Lackland Air Force Base, Tex.)
- 4256 63-19. Development of standard list of work requirements in airman specialties [with list of references]; prepared by Melvin R. Marks and Marion E. Hook. Aug. 1963. vi+76 p. 4° (Project 7734, task 773403; Matrix Corporation, Arlington, Va., contract AF 41(657)-373. † (Price upon application). D 301.45/27: 63-19
- Rome Air Development Center: Technical documentary report RADC-TDR (series). (Air Force Systems Command, Griffiss Air Force Base N.Y.)
- 4257 63-61. Indexing & abstracting experimentation support, final report; [by] Owen Roberts, Utica College, Utica, N.Y. Jan. 31, 1963. iii+64 p. 4° (AF 30(602)-2586, project NR 4594, task NR-459401; Research and Technology Division.) † Paper, \$1.75 (AD 420969). D 301.57/3: 63-61
- School of Aerospace Medicine: Aeromedical reviews. (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.) ‡
- 4258 9-63. Time-concentration effects in relation to oxygen toxicity in man [with list of references; by] B. E. Welch, T. E. Morgan, jr., H. G. Clamann. Oct. 1963. [1]+14 p. il. D 301.26/13-4: 9-63
- Technical documentary report SAM-TDR (series). (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.) ‡
- D 301.26/13-6: (nos.)
- 4259 63-66. Frog labyrinthine efferent impulses [with list of references; by R. S. Schmidt]. Sept. 1963. cover title, [2]+iii+11+[2] p. il. 4° (Task 775203.) [Prepared under contract AF 41(609)-1479 by University of Chicago, Chicago, Ill.]
- 4260 63-87. Oral glucose tolerance responses in healthy young adult males classified as to caries experience and periodontal status [with list of references; by] Ira L. Shannon and William A. Gibson. Nov. 1963. cover title, iii+8 p. 4° (Task 775602.)
- Translations. [Unedited rough draft translations prepared by Translation Services Branch, Foreign Technology Division, Wright-Patterson AFB, Ohio.]

*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

†Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 4261 Graphite containing refractory materials [with bibliography]; by N. A. Golushko. June 22, 1963. iii+1-96a, 97-135 p. il. 4° (FTD-TT-63-174/1+2.) ♠ Paper, \$2.75 (63-11742.)
L.C. card 64-60674 D 301.64 : G 76
- 4262 Ionizing radiation and metabolism; by L. S. Cherkasova and others. July 11, 1963. iii+220 p. il. 4° (FTD-TT-62-1575/1+2.) ♠ Paper, \$3.50 63-11739).
L.C. card 64-60673 D 301.64 : Io 6/3
- 4263 Regeneration of lost organs [with list of recommended references]; by L. D. Liozner. Sept. 6, 1963. iv+159 p. il. 4° (FTD-TT-63-576/1+2.) ♠ Paper, \$3.00 (63-11738).
L.C. card 64-60672 D 301.64 : R 26
- 4264 USAF airborne operations, World War II and Korean War; [by Lee Bowen and others]. Mar. 1962. [10]+119 p. il. 4° (USAF Historical Division Liaison Office.) [Includes copyright material.] ‡
L.C. card 62-61558 D 301.2 : Ai 7/9

AIR FORCE MEDICAL SERVICE, Defense Dept.

- 4265 9th annual report of USAF Medical Service, June 30, 1960-June 30, 1962; prepared by [Office of Special Assistant for Information], Office of Surgeon General, Air Force. [1964.] x+225 p. il. ‡ ● Item 428-A
L.C. card 53-63750 D 304.1 : 960-62

AIR TRAFFIC SERVICE, Federal Aviation Agency

- 4266 [ATS manual]: Communications procedures, AT P 7300.1, Change 7, Dec. 9, 1963. [1964.] [24] p. 4° [Effective Feb. 1, 1964. Cancellation date Mar. 1, 1964. Issued in loose-leaf form.] * Paper, \$2.00 (including basic manual and supplementary material for approximately 2 years); 75c. additional for foreign mailing. ● Item 431-D-2
FAA 3.9/2 : 961/ch. 7
- 4267 Contractions handbook, AT P 7340.1A Change 1, [Nov. 7, 1963]. [1963.] [1]+35 p. 4° [Effective Nov. 15, 1963. Cancellation date Dec. 20, 1963. Issued in loose-leaf form.] * Paper, 30c. ● Item 431-D-1
FAA 3.8 : C 76/963/ch.1
- 4268 Evaluation of terminal radar service area control concept, interim report. Aug. 1963. cover title, v+45 p. il. ‡ ● Item 431-D-5
FAA 3.2 : R 11
- 4269 Flight information manual, v. 14, Oct. 1962, amdt. 10, Nov.-Dec. 1963. [1964.] [53] p. il. 4° (Flight Information Division, National Flight Data Center (AT-435).) [Issued in loose-leaf form.] * Paper, \$3.75 (including basic manual and supplementary service for an indefinite period); \$1.00 additional for foreign mailing. ● Item 431-C-17
FAA 3.13/2 : 14/amdt.10
- 4270 International flight information manual, v. 11, Apr. 15, 1963, amdt. 3; Jan. 1964. [1964.] [42] p. 4° (Flight Information Division, National Flight Data Center (AT-435).) [Issued in loose-leaf form.] * Paper, \$1.00 (including basic manual and supplementary service for 1 year); 25c. additional for foreign mailing. ● Item 431-C-18
FAA 3.13 : 11/amdt. 3
- 4271 Service C weather schedules, AT P 7330.3A; Nov. 19, 1963. [1963.] cover title, [43] p. il. 4° [New edition issued to consolidate previous revisions, includes all GENOT changes through Oct. 31, 1963. Issued in loose-leaf form.] ‡ ● Item 431-D-1
FAA 3.8 : W 37/3/963

AMERICAN ETHNOLOGY BUREAU, Smithsonian Institution

- Bulletins. ● Item 913 SI 2.3 : (nos.)
- 4272 178. Index to bulletins 1-100, of Bureau of American Ethnology, with index to contributions to North American ethnology, introductions, and miscellaneous publications; by Biren Bonnerjea. 1963. vi+726 p. [Also issued as H. doc. 192, 86th Cong., 1st sess.] * Cloth, \$3.50.
L.C. card 64-60461

*For Sale by Superintendent of Documents

♠For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

Bulletins—Continued

- 4273 186. Anthropological papers, nos. 63-67 [with bibliographies]. 1963. iii+310 p. il. 60 pl. [Also issued as H. doc. 248, 87th Cong., 1st sess.] * Paper, \$2.00.
L.C. card 38-26823

APPRENTICESHIP AND TRAINING BUREAU, Labor Dept.

- 4274 Apprenticeship and economic change; [prepared by David J. Farber]. Dec. 1963. [1]+27+[3] leaves, il. 4° †
L.C. card L 64-28 L 23.2: Ap 6/35

ARMED FORCES INFORMATION AND EDUCATION, Defense Dept.

DoD pamphlet. ● Item 312-A

- 4275 PA-6. Your personal affairs. [1963.] 24 p. il. 4° ([Army Dept.] DA pam 360-502; [Navy Dept.] NAVPERS 15900B; [Air Force Dept.] AFP 34-1-24; [Marine Corps] NAVMC 1148 (rev.-63).) [Supersedes DoD pamphlet 6-15; DA pam 355-101; NAVPERS 15900A; AFP 34-1-24; NAVMC 1148, rev. Feb. 23, 1960.] † D 2.14: PA-6

For commanders, this changing world. [Semimonthly.] * Paper, \$1.00 a yr., 50c. additional for foreign mailing; single copy, 5c. ● Item 312-B D 2.15: (nos.)

- 4276 v. 3, no. 13. National strategy, security, and arms control. Jan. 1, 1964. 4 p. il. 4° [Reprint of address by William C. Foster, Director, Arms Control and Disarmament Agency, before Southwest Conference on Arms Control at University of Oklahoma, Oct. 31, 1963.]
- 4277 v. 3, no. 14. Civic action, military role in nation building. Jan. 15, 1964. 4 p. il. 4°
- 4278 Pocket guide to Great Britain [with list of suggested reading]. [1963.] cover title, iv+68 p. il. small 4° (DoD PG-4, DA Pam 360-400, NAVPERS 93035, AFP 190-4-4, NAVMC 2594.) [Other illustrations in color on p. 1-4 of cover. Supersedes DoD Pam 2-2/DA Pam 20-175/AFP 34-3-9, Nov. 28, 1955.] * Paper, 30c. ● Item 314 & 312-A D 2.8: G 79b/963

ARMY DEPARTMENT, Defense Dept.

AMC pamphlet. (Army Materiel Command.) † ● Item 322-A

- 4279 358-57. Safety digest, Jan. 1964; [prepared by Safety Division]. [1964.] cover title, [1]+iii+44 p. il. 4° [Text on p. 3 of cover.] D 101.22/3: 385-57
- 4280 Army procurement procedure, Change 42; Jan. 24, 1964. [1964.] [147] p. 4° [Issued in loose-leaf form.] * Paper, 75c. ● Item 327-A D 101.6/4: 957/ch.42

Field manual FM (series).

- 4281 55-15. Transportation reference data [with list of references]. Dec. 1963 [published 1964]. cover title, 439 p. il. 4° [Supersedes FM 55-15 and FM 55-54, June 19, 1959 and July 15, 1960.] † ● Item 324 D 101.20: 55-15
L.C. card 64-60613

Pamphlets. ● Item 327

- D 101.22: (nos.)
- 4282 27-101-141. Judge Advocate legal service. Dec. 18, 1963. [1963.] 14 p. [Issued in loose-leaf form.] †
- 4283 27-101-142 Same; Dec. 26, 1963. 12 p. [Issued with perforations.] †
- 4284 360-200. Troop topics: Army organization for major missions, it is intent of Congress to provide Army that is capable with other Armed Forces of preserving peace and security of United States. Nov. 1963. cover title, 12 p. il. 4° [Text on p. 3 of cover.] †
- 4285 360-400. See Armed Forces Information and Education, Pocket guide to Great Britain.
- 4286 360-502. See Armed Forces Information and Education, DoD pamphlet PA-6.
- 4287 715-50-37. Procurement legal services. Dec. 6, 1963 [published 1964]. 8 p. 4° [Issued with perforations.] * Paper, 5c.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed In Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- Technical manual TM (series). ● Item 329 D 101.11: (nos.)
- 4288 5-615. Repairs and utilities: Concrete and masonry [with list of references]. Nov. 1963 [published 1964]. cover title, 166 p. il. 4° [Issued with perforations. Supersedes TM 5-615, Oct. 3, 1946.] * Paper, \$1.25. L.C. card 64-60685
- 4289 10-410. Bread baking. Dec. 1963. cover title, 183 p. il. 4° (Air Force manual AFM 146-5.) [Supersedes TM 10-410, Oct. 5, 1956, including changes 2 and 3, June 29 and Sept. 25, 1961, and AFM 146-5, Mar. 1956, as amended.] † L.C. card 64-60634
- 4290 743-200. Storage and materials handling, Change 15, July 31, 1963. [1963.] [100] p. il. 4° (Navy Dept. NAVSANDA pub. 284, ch. 15; Air Force Dept. AFM 67-3 O; [Marine Corps] NAVMC 1101, ch. 15; [Defense Supply Agency] DSAM 4145.1, ch. 15.) [Issued in loose-leaf form.] * Paper, 55c.

ATOMIC ENERGY COMMISSION

AEC research and development reports Y 3.At 7: 22/(letters-nos.)

- 4291 AEC-tr-5630. Atlas on pathological anatomy of acute radiation sickness in experiment [with bibliography]; by L. V. Funshteln. [May 1963.] cover title, [2]+220 p. il. 4° (Translation series.) [Translated from publication of State Publishing House for Medical Literature, Leningrad, 1961.] † Paper, \$3.00.
- 4292 CEX-61.6.1. Las Vegas area (ARMS-II) [with list of references; by] R. B. Guillou, J. E. Hand, and H. M. Borella. July 10, 1963. cover title, [1]+5-21 p. il. 4 pl. in pocket, 4° (Civil effects study, Civil Effects Test Operations; [Edgerton, Germeshausen & Grier, Inc., Santa Barbara, Calif., Oct. 1961].) † Paper, 50c.
- 4293 CEX-61.6.4. Norfolk-Peninsula area (ARMS-II) [with list of references; by] R. B. Guillou. July 10, 1963. cover title, [1]+5-20 p. 4 pl. in pocket, 4° (Civil effects study, Civil Effects Test Operations; [Edgerton, Germeshausen & Grier, Inc., Santa Barbara, Calif., Dec. 6, 1961].) † Paper, 50c.
- 4294 CEX-62.03. General correlative studies, Operation Bren [with lists of references; by] J. A. Auxler, F. F. Haywood, and L. W. Gilley. Sept. 1963. cover title, [1]+5-40 p. il. 4° (Civil Effects Test Operations; [Oak Ridge National Laboratory, Oak Ridge, Tenn., May 1963].) † Paper, \$1.00
- 4295 GEAP-3924. Nuclear superheat project, 11th quarterly report, Jan.-Mar. 1962; by R. T. Pennington. Aug. 1962. cover title, xlii+283 p. il. 4° (Atomic Power Equipment Department, General Electric Company, San Jose, Calif.) † Paper, \$4.00.
- 4296 GEAP-4153. Same; 14th quarterly report, Oct.-Dec. 1962; by R. T. Pennington. Jan. 15, 1963. cover title, xv+265 p. il. 4° (Atomic Power Equipment Department, General Electric Company, San Jose, Calif.) † Paper, \$3.50.
- 4297 HASL-139. Aerosol penetration through 9 ml HV-70 filter paper with and without pinholes [with list of references]; by J. W. Thomas, G. D. Crane. Aug. 1963. [2]+vi+21 p. il. 4° (Health and Safety Laboratory, AEC, New York Operations Office, New York City, N.Y.) † Paper, 75c.
- 4298 PNE-304. Plowshare, civil, industrial and scientific uses for nuclear explosives, Project Pre-Buggy, Nevada test site, Nov. 1962-Feb. 1963, final report: Base surge analysis [with list of references; by] J. B. Knox, R. Rohrer. Sept. 1963. cover title, 35 p. il. 4° (Army Corps of Engineers; Lawrence Radiation Laboratory.) † Paper, 40c.
- 4299 TID-3720. Bibliographies of atomic energy literature issued or in progress, during period Oct.-Nov. 1963. [1963.] cover title, [1]+17 p. 4° (Division of Technical Information.) †
- 4300 TID-4043. Index to conferences abstracted in Nuclear science abstracts; edited by Willie E. Clark, Alden G. Greene, Margaret L. Pflueger. Dec. 1963. vii+67 p. 4° (Reference Branch, Division of Technical Information Extension.) † Reference Branch, Atomic Energy Commission, Division of Technical Information Extension, P.O. Box 62, Oak Ridge, Tenn., 37831.
- 4301 TID-4201. Research and development in progress, biology and medicine, issue no. 2. Nov. 1963. cover title, viii+323 p. 4° (Division of Technical Information.) †
- 4302 TID-6613. (supp. 4). Radioisotopes in world industry, abstracts of selected foreign literature. July 1963. cover title, iii+163 p. 4° (Division of Technical Information.) † Paper, \$2.75.
- 4303 TID-7029. Selected measurement methods for plutonium and uranium in nuclear fuel cycle [with lists of references]; compiled and edited by Ralph J. Jones. 1963. xiv+420 p. il. 4° [Prepared under sponsorship of USAEC Division of Nuclear Materials Management.] * Cloth, \$3.50. ● Item 1051-C

*For Sale by Superintendent of Documents

†For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- 4304 AEC technical information bulletin, no. 7; Apr. 1963. [1963.] cover title, 40 p. 4° (Division of Technical Information.) †
Y 3.At 7: 28-3/7
- 4305 — no. 8; July 1963. [1963.] cover title, ii+26 p. 4° (Division of Technical Information.) †
Y 3.At 7: 28-3/8
- 4306 — no. 9; Oct. 1963. [1963.] cover title, ii+51 p. il. 4° (Division of Technical Information.) †
Y 3.At 7: 28-3/9
- 4307 Fundamental nuclear energy research, 1963, special report of Atomic Energy Commission; prepared by Division of Plans and Reports. Dec. 1963 [published 1964]. xxiv+407 p. il. 4° *Paper, \$2.50. ● Item 1051-I
L.C. card 64-60544
Y 3.At 7: 48/963
- 4308 New boundaries of reality, Quillion lecture delivered by Glenn T. Seaborg, chairman, Atomic Energy Commission at Ministers' Week Convocation celebrating 50th anniversary of Candler School of Theology, Emory University, Atlanta, Ga., Jan. 22, 1964. [1964.] 11 leaves, 4° (S-3-64.) †
Y 3.At 7: 34 Se 1/50
- 4309 New scientific environment, challenge to engineering societies, remarks by Glenn T. Seaborg, chairman, Atomic Energy Commission, at annual meeting of Engineers Joint Council and Symposium on National Engineering Problems, Washington, D.C., Jan. 14, 1964. [1964.] 8 leaves, 4° †
Y 3.At 7: 34 Se 1/55
- 4310 Radiation in perspective, illustrated text of film lecture; by Francis L. Brannigan. [1963.] [2]+16+[1] p. il. *Paper, 10c. ● Item 1051-N
Y 3.At 7: 34 B 73
- 4311 Role of science and scientist in today's world, remarks by Glenn T. Seaborg, chairman, Atomic Energy Commission, at Alfred Nobel Dinner sponsored by Swedish Club of Los Angeles, Jan. 11, 1964. [1964.] 8 leaves, 4° (S-1-64.) †
Y 3.At 7: 34 Se 1/49

AVIATION MEDICAL SERVICE, Federal Aviation Agency

- Civil Aeromedical Research Institute [Reports]. † Civil Aeromedical Research Institute, Oklahoma City, Okla. ● Item 431-E-4
FAA 7.10: (nos.)
- 4312 63-2. Résumé and index of reports of Civil Aeromedical Research Institute 1961-62; [by] Stanley R. Mohler, J. Robert Dille. Feb. 1963 [published 1964]. [3]+6 p. 4° (Aeromedical Research Division.)
- 4313 63-10. Perception of depth from binocular disparity [with list of references; by] Walter C. Gogel. May 1963. [3]+10+[1] p. il. 4° (Aeromedical Research Division.)
- 4314 63-12. Mitigation of physical fatigue with spartase [with bibliography; by] Francis J. Nagle [and others]. July 1963. [2] leaves+10+[1] p. il. 4° (Aeromedical Research Division.)
- 4315 63-13. Primary, secondary, and caloric nystagmus of cat following habituation to rotation [with list of references; by] William E. Collins. July 1963. [3]+19+[2] p. il. 4° (Aeromedical Research Division.)
- 4316 63-17. Application of relative procedure to problem in binaural beat perceptions; [by] Jerry V. Tobias. Aug. 1963. [3]+8+[1] p. il. 4° (Aeromedical Research Division.)
- 4317 63-19. Central factor in pure tone auditory fatigue; [by] Joel S. Wernick, Jerry V. Tobias. Sept. 1963. [3]+6+[2] p. il. 4° (Aeromedical Research Division.)
- 4318 63-21. Inflight loss of consciousness, case report [with list of references; by] Pei Chin Tang, J. Robert Dille. Sept. 1963. [3]+12+[4] p. il. 4° (Aeromedical Research Division.)

BUDGET BUREAU, Executive Office of the President

- 4319 Budget in brief, fiscal year 1965. [1964.] cover title, 84 p. il. *Paper, 35c. ● Item 855-A
L.C. card 50-60126
PrEx 2.8/2: 965

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 4320 Budget of United States Government, fiscal year 1965. 1964. 475 p. il. [Edge index and how to use on p. 4 of cover. Also issued as H. doc. 265, pt. 1, 88th Cong., 2d sess.] * Paper, \$1.50. ● Item 853
L.C. card 22-27384 PrEx 2.8: 965
- 4321 — Appendix. 1964. 1165 p. 4° [Edge index and how to use on p. 4 of cover. Also issued as H. doc. 266, 88th Cong., 2d sess.] * Paper, \$6.25.
● Item 853
L.C. card 21-27488 PrEx 2.8: 965/app.
- 4322 Career staff to the President. [Jan. 1, 1964.] [6] p. il. † ● Item 854
PrEx 2.2: St 1/964
- 4323 District of Columbia, budget of United States Government fiscal year 1965. 1964. 64 p. 4° [Also issued as H. doc. 265, pt. 2, 88th Cong., 2d sess.] * Paper, 40c. ● Item 853
L.C. card 59-60322 PrEx 2.8/4: 965

BUSINESS AND DEFENSE SERVICES ADMINISTRATION,
Commerce Dept.

- 4324 Atomic Energy Commission research reports for sale by Office of Technical Services, price list 41; Feb. 1964. [1964.] 60+[2] p. 4° [Supersedes all previous price lists.] † ● Item 215-R
C 41.29: 41
- 4325 Basic list of periodicals translated cover-to-cover (published in Technical translations v. 11, no. 1). Jan. 1964. [1]+16 p. 4° (Office of Technical Services.) †
L.C. card 63-60969 C 41.23/4: P 41/964
[Economic report] ER (series). (Industry outlook series.) †
C 41.42: (nos.)
- 4326 63-3. Intercity trucking industry, review of 1963, outlook for 1964. Dec. 23, 1963. 3 p. 4°
- 4327 63-4. Motion picture industry, review of 1963, outlook for 1964. Dec. 16, 1963. 3 p. 4°
- 4328 63-24. Folding carton industry, review of 1963, outlook for 1964. Jan. 7, 1964. 2 p. 4°
- 4329 63-28. Soap and synthetic detergent industry, review of 1963, outlook for 1964. Jan. 22, 1964. 2 p. 4°
- 4330 63-33. Glass container industry, review of 1963, outlook for 1964. Jan. 14, 1964. 2 p. 4°
- 4331 63-52. Power and distribution transformer industry, review of 1963, outlook for 1964. Jan. 22, 1964. 3 p. 4°
- 4332 63-54. Domestic record communications (telegraph) industry, (S.I.C. 4821, domestic only), review of 1963, outlook for 1964. Jan. 10, 1964. 2 p. 4°
- 4333 63-56. Forced warm air furnace industry, review of 1963, outlook for 1964. Jan. 15, 1964. 2 p. 4°
- 4334 63-63. Printing trade machinery industry, review of 1963, outlook for 1964. Jan. 21, 1964. 3 p. 4°
- 4335 Listing of materials on financial management selected from Marketing information guide. [1964.] 21 p. narrow 8° † C 41.23/4: F 49
- 4336 Listing of materials on marketing research methods selected from Marketing information guide. [1964.] 17 p. narrow 8° † C 41.23/4: M 34
- 4337 Market for telecommunications equipment in Brazil. Nov. 1963. 5 p. 4° (Office of Scientific and Technical Equipment, Communications Industries Division.) † Paper, 10c. C 41.104: B 73
- 4338 Translated Polish patents (1st claim only). Dec. 1963. vi+96 p. 4° † Paper, \$2.25 (TT-63-11422).
L.C. card 63-61797 C 41.22: P 75/963-7

CENSUS BUREAU, Commerce Dept.

- 4339 Alphabetic list of manufactured products, 1963 census of manufactures; prepared under supervision of Maxwell R. Conklin, chief, Industry Division. [1964.] iii+100 p. 4° ([MC63-1.]) * Paper, 50c. ● Item 135
L.C. card A64-7175 C 3.24/2: P 94/3/963

*For Sale by Superintendent of Documents
†For Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 4340 Announcement and order form, Census of governments, 1962, v. 4, Governmental finances no. 1, Finances of school districts, announcement CG-4. [Jan. 8, 1964.] [6] p. narrow 8° (Form 24-76.) † C 3.145/3: 962/4
1962 annual survey of manufactures (series) M62 (AS).
C 3.24/9: M 62 (AS)-(nos.)
- 4341 2. Value of shipments of selected classes of products, for United States, 1958-62. [1962.] 1 p. 4° †
- 4342 4.1. Statistics for States, standard metropolitan statistical areas, and large industrial counties: pt. 1, New England, Maine, New Hampshire, Vermont Massachusetts, Rhode Island, Connecticut. [1964.] iv+27+A-3 p. il. 4° † Paper, 25c.
L.C. card 52-60884
- 4343 4.2. Same; pt. 2, Middle Atlantic, New York, New Jersey, Pennsylvania. [1964.] iv+29+A-3 p. il. 4° † Paper, 25c.
L.C. card 52-60884
- Census of governments, 1962: v. 4, Government finances no. [Prepared under supervision of Allen D. Manvel, chief, Governments Division.]
- 4344 1. Finances of school districts; [prepared by Bernice D. Dowling and Helen D. Files.] [1964.] iv+58 p. il. 4° * Paper, 40c. ● Item 148-A
L.C. card A63-7123 C 3.145/4: 962/v.4/no.1
- 4345 Congressional district data book (districts of 88th Congress), statistical abstract supplement; prepared under direction of Edwin D. Goldfield, chief, Statistical Reports Division. [1963.] xliii+560 p. il. 4° [Also issued as H. doc. 132, 88th Cong., 1st sess.] * Cloth, \$4.75. ● Item 151
L.C. card A63-7725 C 3.134/2: C 76/963
- Construction reports: Residential alterations and repairs, C50 (series).
- 4346 8. Expenditures of owner occupants of one housing unit properties on residential additions, alterations, maintenance and repairs, and replacements, 1962, supplement and detailed report. Nov. 1963. 18 p. 4° [Issued with perforations.] † Paper, 25c. C 3.215/8: 8
- 4347 Current industrial reports: Broad-woven fabrics, blends and mixtures, 1962; prepared by Industry Division, Textiles Section. Jan. 28, 1964. 17 p. 4° (Series M22T(62)-supplement.) † Paper, 25c.
C 3.158: M22T(62)/supp.-2
- 4348 — Shipments of selected plastics products, 1962; prepared by Industry Division, Bureau of Census, and Containers and Packaging, and Chemical and Rubber Divisions, Business and Defense Services Administration. Jan. 15, 1964. 9 p. 4° (Series M30D(62)-1.) † Paper, \$1.50 per year.
C 3.158: M30D(62)-1
- Current population reports: series P-20, Population characteristics.
* Paper, \$4.00 (including Series P-23, P-25, P-27, P-28 summaries, P-60, and P-65 for one year); \$1.25 additional for foreign mailing.
- 4349 127. Mobility of population of United States, Apr. 1961-Apr. 1962. Jan. 15, 1964. 39 p. il. 4° * Paper, 15c. C 3.186: P-20/127
- Series P-28, Special censuses. C 3.186: P-28/(nos.)
- 4350 1352. Special census of Addison, Ill., Oct. 22, 1963. Dec. 23, 1963. 1 p. 4°
† Paper, 10c.
- 4351 1354. Special census of Athens, Ga., Oct. 29, 1963. Dec. 23, 1963. 1 p. 4°
† Paper, 10c.
- 4352 1356. Special census of Bismarck, N. Dak., Dec. 3, 1963. Jan. 31, 1964. 1 p. 4°
† Paper, 10c.
- 4353 Schedule C, Classification of country designations used in compiling United States foreign trade statistics. Jan. 1, 1964 edition. [Jan. 1964.] [2]+6 p. 4° †
C 3.150: C/964
- 4354 Schedule T, Statistical classification of imports into United States arranged in shipping commodity groups. Sept. 1, 1963, edition. Jan. 1964. [2]+11 p. 4° †
C 3.150: T/963
- 4355 Schedule Y, statistical classification of imports into United States by air, arranged in shipping commodity groups. Sept. 1, 1963, edition. Jan. 1964. [2]+7 p. 4° †
C 3.150: Y/963

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

United States maps GE-50 (series).

- 4356 1. Population distribution, urban and rural in United States, 1960; prepared by Geography Division. Scale 500 m.=6.3 in. 1963. 26 x 39 in. [Albers equal-area projection. Subject data from 1960 census of population. Issued in color.] * Paper, 50c.
L.C. card Map 64-73 C 3.62/4: 1

CHILDREN'S BUREAU, Health, Education, and Welfare Dept.

- 4357 Fees for day care services. 1963. [2]+20 p. 12° * Paper, 15c. ● Item 452-C
L.C. card HEW 64-32 FS 14.108: D 33
- 4358 Galactosemia, selected bibliography; compiled by Donough O'Brien. 1963. [3] leaves—38 p. 4° [Illustration on cover.] * Paper, 30c. ● Item 450
L.C. card HEW 64-31 FS 14.112: G 13
- 4359 Halfway houses for delinquent youth; [by] Kenneth S. Carpenter. [1964.] p. 224-229, il. 4° [From Children, Nov.-Dec. 1963.] †
FS 14.109/a: D 37/2
- 4360 Modern theories of communication; [by] Godfrey M. Hochbaum. [1964.] [1]+13-18 p. 4° [From Children, Jan.-Feb. 1960.] †
FS 14.109/a: C 737
- 4361 Phenylketonuria, selected bibliography, 1963; [prepared by Gladys M. Krueger]. [1964.] cover title, [3]+74 p. 4° [Illustration on p. 1 of cover.] * Paper, 45c. ● Item 450
L.C. card HEW 64-30 FS 14.112: P 52
- Statistical series. † ● Item 454
- 4362 73. Juvenile court statistics, 1962. 1963 [published 1964]. [4]+23 p. il. 4°
L.C. card L 29-155 FS 14.113: 73
- 4363 Study classifying parental factors behind abuse gives clue for protective casework for abused children; [by] James D. Delsordo. [1964.] p. 213-218, 4° [From Children, Nov.-Dec. 1963.] †
FS 14.109/a: Ab 97/2

CIVIL AERONAUTICS BOARD

- 4364 Extemporaneous remarks by Alan S. Boyd, chairman, Civil Aeronautics Board, before Wings Club, New York City, Jan. 22, 1964. [1964.] 8 p. 4° †
C 31.215: B 69/25
- 4365 Regulations of Civil Aeronautics Board as amended to Nov. 1, 1963. [1963.] vii+[390] p. 4° [Issued in loose-leaf form.] * Paper, \$4.00 (including basic manual and supplementary service for an indefinite period); \$1.00 additional for foreign mailing. ● Item 186
C 31.206/7: 963

CIVIL DEFENSE OFFICE, Defense Dept.

- 4366 Federal civil defense guide: pt. B, chap. 1, app. 28, Memorandum of understanding between Office of Civil Defense and Office of Emergency Planning. Jan. 1964. [2] p. 4° [Issued in loose-leaf form.] † ● Item 320-B-3
D 13.8/9: pt.B/chap.1/app.28
- 4367 — pt. E, chap. 5, app. 6, Application of meteorological data to RADEF. Dec. 15, 1963 [published 1964]. iii+25 p. il. 4° [Issued in loose-leaf form.] † ● Item 320-B-3
D 13.8/9: pt.E/chap.5/app.6
- 4368 — pt. F, chap. 5, app. 1, Federal contributions for civil defense equipment. Feb. 1964. 44 p. 4° [Issued in loose-leaf form. Supersedes OCDM manual AM25-1.] † ● Item 320-B-3
D 13.8/9: pt.F/chap.5/app.1

*For Sale by Superintendent of Documents
 ☐For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- 4369 Federal civil defense guide: pt. F, chap. 5, app. 2, Federal contributions for civil defense personnel and administrative expenses. Dec. 1963. 45 p. 4° [Issued in loose-leaf form. Supersedes Administrative manual, AM25-2, Sept. 1960, and amendments.] † ● Item 320-B-3
D 13.8/9: pt.F/chap.5/app.2
- 4370 — pt. F, chap. 5, app. 3, procedures for donation of Federal surplus personal property. Dec. 15, 1963. [1]+44 p. 4° [Issued in loose-leaf form. Supersedes OCDM manual AM-7.] † ● Item 320-B-3
D 13.8/9: pt.F/chap.5/app.3
- 4371 Rescue skills and techniques. Dec. 1963 [published 1964]. viii+81 p. il. 4° (FG-E-11.1.) [Formerly TM-14-1. Issued with perforations.] † ● Item 320-B-3
L.C. card 64-60667 D 13.8/8: E-11.1
- 4372 Technical report TR (series). † ● Item 320-B-2 D 13.12: (nos.)
21. Industrial architecture, fallout shelters; [editor Bill N. Lacy]. [1964.] cover title, 56 p. il. 4° [Research project by Department of Architecture, Rice University, Houston, Tex. Photography, Maurice Miller.]
- 4373 22. Fallout and winds. Dec. 1963. 7 p. il. 4° [Formerly published as TB11-21, Mar. 1955, revised Feb. 1956.]
- 4374 WTC, Western Training Center, Alameda, Calif., 1964 catalog of courses. [1963.] cover title, 10+[6] p. il. 4° † ● Item 320-B-6 D 13.16: 964

CIVIL SERVICE COMMISSION

- 4375 Amendment to announcement 301-B, biochemist (grades GS-7 through GS-14). Feb. 4, 1964. 1 p. oblong 48° † CS 1.26: 963/301-B/amdt.
- 4376 Amendment to announcement 312-B, medical officer (GS-11 through GS-15). Jan. 28, 1964. 1 p. oblong 48° [Amends issue 157 of AN 2279.] † CS 1.26: 963/312-B/amdt.
- 4377 Amendment to announcement 313-B, veterinarian (GS-9 through GS-15). Jan. 28, 1964. 1 p. oblong 48° [Amends issue 157 of AN 2279.] † CS 1.26: 963/313-B/amdt.
- 4378 Announcing examination for bindery worker, \$2.17 an hour, for duty in Government Printing Office, Washington, D.C., announcement 38B. Nov. 22, 1955, revised Nov. 1963. [1964.] 6 p. narrow 8° (No closing date.) † ● Item 292 CS 1.26: 955/38B/rev.-3
- 4379 Career opportunities for social worker, public assistance adviser (grades GS-9 through GS-14), special worker, public assistance specialist, assistant standards specialist, staff development specialist, welfare service specialist, welfare methods specialist, (grade GS-12 through GS-14), public welfare research analyst, public assistance, (grades GS-9 through GS-14), child welfare, (grades GS-11 through GS-14), GS-9 through GS-14, \$6,675-\$12,845 a year, Bureau of Family Services supplement to Civil Service Commission announcement 251. Revised Jan. 1964. [1964.] 4 p. 4° † ● Item 292 CS 1.26: 960/251/supp.-3/rev.
CS 1.2: In 8/5
- 4380 CSC investigator. 1964. cover title, 12 p. il. † ● Item 295 CS 1.2: In 8/5
- 4381 Current Federal examination announcements, AN 2279, issue 158, Mar.-Apr. 1964. [1964.] [2] p. f° folded into narrow 8° size. † ● Item 292 CS 1.28: 2279/158
- 4382 — AN 2279 supp. B to issue 157, Jan.-Feb. 1964. [1964.] 1 p. oblong 48° † ● Item 292 CS 1.28: 2279/157/supp.B
- 4383 — AN 2279 supp. C to issue 157, Jan.-Feb. 1964. 1964. 1 p. oblong 48° † ● Item 292 CS 1.28: 2279/157/supp.C
- 4384 Discontinuance notice to announcement 77-local, student trainee (grades GS-2-GS-4). Jan. 6, 1964. 1 p. oblong 48° † CS 1.26/4: 962/77/notice

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 4385 Discontinuance notice to announcement 196B, cartographer (grades GS-5 through GS-15). Jan. 14, 1964. 1 p. oblong 48° [Amends issue 157 of AN 2279.] † CS 1.26: 959/196B/notice
- 4386 Discontinuance notice to announcement 242-B, cotton technologist, (grades GS-7 through GS-12). Feb. 4, 1964. 1 p. oblong 48° [Amends issue no. 157 of AN 2279.] † CS 1.26: 960/242-B/notice
- 4387 Discontinuance notice to announcement 268-B, Communications cryptographic coding clerk (grades GS-4). Jan. 14, 1964. 1 p. oblong 48° [Amends issue 157 of AN 2279.] † CS 1.26: 961/268-B/notice
- 4388 Federal career outlook letter to college students considering their careers. Jan. 6, 1964. [4] p. il. 4° † ● Item 295 CS 1.2: C 18/5/964
- 4389 General amendment showing new salary rates for positions in Federal Government under general schedule in accordance with 2d phase of Federal salary reform act of 1962. Jan. 1964. 1 p. oblong 16° [Supersedes previous general amendment of Oct. 1962, concerning salary rates.] † CS 1.26/3: amdt./964
- 4390 Local and regional civil service examinations offering best job opportunities AN 2280 [issue 106]; Mar.-Apr. 1964. [1964.] 2 p. oblong f° folded into narrow 8° size. † ● Item 292 CS 1.28: 2280/106 Pamphlet.
- 4391 29. Federal jobs overseas. Jan. 1964. 10 p. il. narrow 8° *Paper, 10c. ● Item 299 GS 1.48: 29/18
- 4392 Pharmacist, \$5,795 and \$7,030 a year grades (GS-7 and GS-9), apply to Executive Secretary, Central Board of U.S. Civil Service Examiners, Veterans Administration, Washington, D.C., 20420, announcement 212B. Oct. 13, 1959, revised Jan. 1964. [1964.] 4 p. 4° † ● Item 292 CS 1.26: 959/212B/rev.-2
- 4393 Right-of-way appraiser with Bureau of Public Roads throughout United States, \$8,410 and \$9,980 a year (grades GS-11 and GS-12), apply to Executive Secretary, Board of U.S. Civil Service Examiners, Bureau of Public Roads, P.O. Box 7415, Washington, D.C., 20235, announcement 322B. Feb. 4, 1964. 6 p. 4° [No closing date.] † ● Item 292 CS 1.26: 964/322B
- 4394 Supplement to announcement of examinations for laboratory and clinical technicians in health research, announcement 307B, June 25, 1963, supp. 2, Jan. 1964. [1964.] 1 p. † CS 1.26: 963/307B/supp.2
- 4395 Supplement to announcement of examinations for medical technologists, announcement 310B, Aug. 27, 1963, supp. 2, Jan. 1964. [1964.] 1 p. † CS 1.26: 963/310B/supp.2
- 4396 U.S. Civil Service Commission announces examination for bookbinder, \$3.72 an hour, apply to Executive Secretary, Board of U.S. Civil Service Examiners, Government Printing Office, Washington, D.C., 20401, announcement 182B. Feb. 10, 1959, revised Nov. 1963. [1964.] 6 p. narrow 8° [No closing date.] † ● Item 292 CS 1.26: 959/182B/rev.-2
- 4397 U.S. Civil Service Commission announces examination for geologist, \$7,030-\$15,665 a year, grades GS-9 to GS-15, apply to Executive Secretary, Board of U.S. Civil Service Examiners, Geological Survey, Interior Department, Washington, D.C., 20242 [announcement 282B]. May 25, 1962, revised Jan. 1964. [1964.] 7 p. il. 4° [No closing date.] † ● Item 292 CS 1.26: 962/282B/rev.
- 4398 United States Civil Service Commission announces examination for cylinder pressman, \$3.90 an hour, apply to Executive Secretary, Board of U.S. Civil Service Examiners, Government Printing Office, Washington, D.C., 20401, announcement 93B. Jan. 8, 1957, revised Nov. 1963. [1964.] 7 p. narrow 8° [No closing date.] † ● Item 292 CS 1.26: 957/93B/rev.-2

*For Sale by Superintendent of Documents

☞For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- 4399 United States Civil Service Commission announces examination for dietitian, \$4,690 to \$7,690 a year (grades GS-5 to GS-10), apply to Executive Secretary, Central Board of Civil Service Examiners, Veterans Administration, Washington, D.C., 20420, announcement 221B. Jan. 26, 1960, revised Jan. 1964. [1964.] 4 p. 4° [No closing date.] † ● Item 292
CS 1.26: 960/221B/rev.
- 4400 United States Civil Service Commission announces examination for hearing examiner, positions in various Federal regulatory bodies in Washington, D.C. and throughout United States, announcement 318. [1964.] 23 p. 4° † ● Item 292
CS 1.26: 964/318

COAL RESEARCH OFFICE, Interior Dept.

Research and development report.

- 4401 3. Foreign market potential for United States coal; by Robert R. Nathan Associates, Inc., v. 1, correction sheet. [1964.] 1 p. 4° † ● Item 606-C-2
I 63.10: 3/v.1/corr.sh.

COAST AND GEODETIC SURVEY, Commerce Dept.

- Magnetograms and hourly values MHV (series). [For official distribution.] †
C 4.40/2: (letters/nos.)
- 4402 Fr62. Fredericksburg, Va., 1962 [with list of references]. 1963. [2]+148 p. il.
L.C. card 60-64752
- 4403 Ho60. Honolulu, Hawaii, 1960 [with list of references]. 1963. iv+149 p. il.
L.C. card 54-61086
- 4404 Tu61. Tucson, Ariz., 1961 [with list of references]. 1963. [2]+144 p. il.
L.C. card 53-40221
- 4405 2d supplement to United States coast pilot 8, Pacific Coast, Alaska, Dixon Entrance to Cape Spencer, 11th (Jan. 6, 1962) edition; Jan. 4, 1964. [1964.] 7 p. 4° [Changes reported to C&GS from date of edition through Notice to mariners 1 of Jan. 4, 1964.] † ● Item 201
L.C. card 62-61612
C 4.7/2: 8/11/supp.2
- 4406 3d supplement to United States coast pilot 2, Atlantic Coast, Cape Cod to Sandy Hook, 6th (Sept. 10, 1960) edition; Jan. 4, 1964. [1964.] 20 p. 4° [Changes reported to C&GS from date of edition through Notice to mariners 1 of Jan. 4, 1964.] † ● Item 203
L.C. card 51-60800
C 4.6/1: 2/6/supp.3
- Technical bulletin. ● Item 192-A
- 4407 22. Tidal current surveys by photogrammetric methods; [by] Morton Keller. Oct. 1963. [2]+20 p. il. 4° *Paper, 20c.
C 4.41/2: 22

COAST GUARD, Treasury Dept.

- 4408 Light list: v. 1, Atlantic Coast of United States, from St. Croix River, Maine, to Little River, S.C., 1st, 3d, and 5th Coast Guard districts, Nov. 2, 1963 (including N.M. no. 44 of 1963). 1964. xxii+543 p.+19 p. il. map, 4° (CG-158.) [Edge index and how to use on p. 4 of cover. Some illustrations are colored. Some pages are left blank to be used for notes. Another map on p. 2 of cover.] *Paper, \$3.50. ● Item 936
L.C. card 44-40884
T 47.52: v.1/964

COMMERCE DEPARTMENT

NOTE.—Requests to the Commerce Department for publications should include the Comm—DC—number if given in the entry.

- 4409 Address by Roy L. Morgan, Director, Office of Field Services, Department of Commerce, at luncheon of Hawaii Manufacturers Association, Honolulu, Hawaii, Jan. 17, 1964. [1964.] 7 p. 4° † C 1.18: M82/8

*For Sale by Superintendent of Documents
‡Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 4410 America's biggest selling job, address by Secretary to Commerce Luther H. Hodges prepared for delivery to 50th National Foreign Trade Convention, New York City, [N.Y.], Nov. 18, 1963. [1963.] 8 p. 4° (Comm-DC-10248.) †
C 1.18: H 66/161
- 4411 Annual report of Secretary of Commerce fiscal year 1963. [1964.] cover title, vi+90 p. il. 4° †
L.C. card 14-30030 C 1.1: 963
- 4412 New era of economic challenge, remarks by James G. Morton, special assistant to Secretary of Commerce, to Rotary Club of Canton, Ohio, Jan. 17, 1964. [1964.] 7 p. 4° †
C 1.18: M 84/3
- 4413 Presentation of E award to Chauncey B. Smythe, President, Thew Shovel Company, by Roy L. Morgan, Director, Office of Field Services, Department of Commerce, at luncheon meeting of business and civic leaders, Lorain, Ohio, Jan. 9, 1964. [1964.] 3 leaves, 4° †
C 1.18: M 82/7
- 4414 Remarks by Under Secretary of Commerce Franklin D. Roosevelt, jr., prepared for presenting E award to New Jersey State Chamber of Commerce at dinner meeting of New Jersey congressional delegation, Washington, Feb. 6, 1964. [1964.] 2 p. 4° (Comm-DC-10354.) †
C 1.18: R 67/4

CONGRESS

- 4415 Memorial services held in House of Representatives and Senate together with remarks presented in eulogy of Clyde Gilmore Doyle, late representative from California, 88th Congress, 1st session. 1963. 172 p. 1 por. † ● Item 1005
L.C. card 64-60540 Y 7.1: D 772
- 4416 Memorial services held in House of Representatives and Senate together with remarks presented in eulogy of Hjalmar C. Nygaard, late representative from North Dakota, 88th Congress, 1st session. 1963. 118+ [1] p. 1 por. † ● Item 1005
L.C. card 64-60373 Y 7.1: N 988

Congressional serial set

NOTE.—At the end of each session of Congress the House and Senate documents and reports are accumulated into bound volumes comprising the Congressional serial set. No catalog entry is made for the volumes of the Serial set since the documents and reports contained therein have been previously listed in the Monthly catalog.

The following bound volumes were sent to depository libraries during the period of this catalog:

- 4417 House reports:
nos. 1657-1875, with exceptions, 86th Congress, 2d session, House miscellaneous reports on public bills, IV [Serial 12246]. ● Item 1007-A
no. 1095, 88th Congress, 2d session, 13th annual report, Joint Committee on Defense Production. ● Item 1007-A
- 4418 Senate document:
no. 55, 88th Congress, 2d session, Report of the Secretary of the Senate, 1963.
● Item 995-M
- 4419 Senate reports:
nos. 1099-1468, with exceptions, 86th Congress, 2d session, Senate miscellaneous reports on private bills, I [Serial 12239]. ● Item 1007-B
nos. 1470-1946, with exceptions, 86th Congress, 2d session, Senate miscellaneous reports on private bills, II [Serial 12240]. ● Item 1007-B
nos. 1675-1839, with exceptions, 86th Congress, 2d session, Senate miscellaneous reports on public bills, V [Serial 12237]. ● Item 1007-A
no. 1, 87th Congress, 1st session, 10th Annual report, Joint Committee on Defense Production [Serial 12329]. ● Item 1007-A

Laws

NOTE.—The Federal laws are first published separately and in this form are known as "slip laws". Later, these laws are compiled, edited, indexed, and published in the volumes of the Statutes at large.

- *For Sale by Superintendent of Documents
- ◆For Sale by OTS, Commerce Dept.
- Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

Public laws, Congress. ● Item 575

NOTE.—Public laws in slip form in the first prints may be obtained from the Superintendent of Documents, Washington, D.C., 20402, at a subscription price of \$12.00 per session, \$2.00 additional for foreign mailing; single copies vary in price.

- 4420 246. S. 2311, act to provide for preparation and printing of compilations of materials relating to annual national high school and college debate topics. Approved Dec. 30, 1963. 1 p. * Paper, 5c.
- 4421 252. H.R. 7431, act making appropriations for government of District of Columbia and other activities chargeable in whole or in part against revenues of said District for fiscal year 1964, and for other purposes. [Approved Dec. 30, 1963.] 6 p. * Paper, 5c.

ATOMIC ENERGY JOINT COMMITTEE

- 4422 Atomic energy legislation through 88th Congress, 1st session; Dec. 1963. 1964. vi+306 p. (Joint committee print [88th Congress, 1st session].) * Paper, \$1.00.
L.C. card 57-61363 Y 4.At 7/2: L 52/2/963
- 4423 Nuclear propulsion for naval surface vessels, hearings, 88th Congress, 1st session. Oct. 30–Nov. 13, 1963. 1964. viii+249 p. * Paper, 60c.
● Item 999
L.C. card 64-60376 Y 4.At 7/2: N 88/2

ECONOMIC JOINT COMMITTEE

- 4424 United States balance of payments, hearings, 88th Congress, 1st session.
● Item 100
L.C. card 63-62480
pt. 3. International monetary system, functioning and possible reform, Nov. 12–15, 1963. 1963. iv+337-625 p. * Paper, 75c. Y 4.Ec 7: P 29/4/pt.3

HOUSE OF REPRESENTATIVES

- 4425 Major legislative actions, 88th Congress (1st session, adjourned Dec. 30, 1963), final edition; prepared by Office of Coordinator of Information. [1963.] 26 p. 4* †
L.C. card 50-60030 Y 1.2: L 52/963-8

House bills

NOTE.—The following list includes all public bills and resolutions introduced during the period of this catalog with the exception of those which were identical with bills and resolutions previously introduced. Amendments are not listed.

For information concerning bills, see (1) House calendar, (2) Congressional record index, or (3) Digest of public general bills prepared by the Legislative Reference Service, Library of Congress.

Depository libraries should consult the depository shipping lists for a complete list of bills and resolutions sent to them by the Superintendent of Documents.

- 4426 H.R. 9745-60, 9769-71, 9773-84, 9786-87, 9791-96, 9802-24, 9843-46, 9850-55, 9873-74, 9876-78, 9887-89, 9891-94, 9896-97, 9903-6, 9908-20, 9923-33, 9938-42, 9944-47, 9954-58, 9961-69, 9977-85, 9987-88, 9991-10002, 10005-13, 10016, 10023-29, 10039, 10041-44, 10046-50, 10052, 10054-55, 10058-59, 10069-71, H. Con. Res. 258-267, H. Joint Res. 897-928, 931, H. Res. 614-633, 636. 88th Congress. ● Item 1006.

House documents

NOTE.—All House documents, entries for which are followed by a †, may be obtained from the House Document Room or from the issuing office.

House documents, 86th Congress.

- 4427 192. Index to bulletins 1-100, of Bureau of American Ethnology, with index to contributions to North American ethnology, introductions, and miscellaneous publications; by Biren Bonnerjea. 1963. vi+726 p. (American Ethnology Bureau. Bulletin 173.) * (Available in department edition, cloth \$3.50, SI 2.3: 178, and sent to depositories in that form. See Entry no. 4272.)

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

House documents, 87th Congress.

- 4428 248. Anthropological papers, nos. 63-67 [with bibliographies]. 1963. iii+310 p. il. 60 pl. (American Ethnology Bureau. Bulletin 186.) [Document number incorrectly given on cover as 284.] * (Available in departmental edition, \$2.00, SI 2.3:186, and sent to depositories in that form. See Entry no. 4273.)

House documents, 88th Congress.

- 4429 104. Our flag. [1963.] [2]+iv+31 p. il. 12° [Reprint of DOD pamphlet 5-6a, issued by Armed Forces Information and Education Office in 1960. Includes reproductions of State flags. Some illustrations are colored. Contains copyright material.] * Paper, 25c. (To be sent to depository libraries in Serial set binding.)
- 4430 132. Congressional district data book (districts of 88th Congress), statistical abstracts supplement; prepared under direction of Edwin D. Goldfield, chief, Statistical Reports Division. [1963.] xliii+560 p. il. 4° * (Available in departmental edition, cloth, \$4.75, C 3.134/2: C 76/963, and sent to depositories in that form. See Entry no. 4345.) †
- 4431 162. United States National Museum, annual report for year ended June 30, 1963. [1964.] viii+226 p. il. [Also issued in departmental edition and sent to depositories in that form. See Entry no. 5564.]
- 4432 175. 8th special report of National Advisory Council on International Monetary and Financial Problems, letter from Secretary of Treasury transmitting 8th special report of National Advisory Council on International Monetary and Financial Problems on operations and policies of international financial institutions of which United States is member, for 2-year period Apr. 1960-Mar. 1962, pursuant to Bretton Woods agreement act, as amended, and of International Finance Corporation, International Development Association, and Inter-American Development Bank, in accordance with reporting requirements in acts providing for United States participation in these institutions; Nov. 25, 1963. 1963. vi+39 p. * Paper, 15c. ● Item 996
L.C. card 48-46489
- 4433 203. Proposed new obligational authority for various departments and agencies and other proposals providing for transfer between appropriations and increase in limitation, fiscal year 1964. Jan. 21, 1964. 26 p. † ● Item 996
L.C. card 64-60636
- 4434 207. United States aeronautics and space activities [calendar year] 1963, message from President of United States transmitting report; Jan. 27, 1964. 1964. [5]+148 p. il. 4° [Also issued in departmental edition. See Entry no. 5537.] † ● Item 996
L.C. card 59-60497
- 4435 211. 19th report of United States Advisory Commission on Information [calendar year 1963] letter from chairman, United States Advisory Commission on Information transmitting report, dated Jan. 1964. 1964. xliii+21 p. [Also issued in departmental edition. See Entry no. 4176.] † ● Item 996
- 4436 258. Annual report, administrator of veterans affairs [fiscal year] 1963. 1963. iii+366 p. il. * (Available in departmental edition, \$1.25, VA 1.1: 963, and sent to depositories in that form. See Entry no. 5741.)
- 4437 260. 35th annual report of work and operations of Gorgas Memorial Laboratory, fiscal year 1963, letter from president, Gorgas Memorial Institute of Tropical and Preventive Medicine, Inc., transmitting report covering fiscal year 1963. 1964. liii+88 p. † ● Item 966
L.C. card 31-26268
- 4438 261. Report of operations of Postal Savings System, 1963, letter from Postmaster General transmitting report, fiscal year 1963. Jan. 7, 1964. 34 p. † ● Item 996
L.C. card 13-35115
- 4439 265, pt. 1. Budget of United States Government, fiscal year 1965. 1964. 475 p. il. [Edge index and how to use on p. 4 of cover.] * (Available in departmental edition, \$1.50, PrEx 2.8:965, and sent to depositories in that form. See Entry no. 4320.)
- 4440 265, pt. 2. District of Columbia budget of United States Government, fiscal year 1965. 1964. 64 p. 4° * (Available in departmental edition, 40c., PrEx 2.8/4:965, and sent to depositories in that form. See Entry no. 4323.)
- 4441 266. Budget of United States Government, fiscal year 1965: Appendix. 1964. 1165 p. 4° [Edge index and how to use on p. 4 of cover.] * (Available in departmental edition, \$6.25, PrEx 2.8:965/app., and sent to depositories in that form. See Entry no. 4321.)
- 4442 278. Economic report of the President, transmitted to Congress Jan. 1964, together with Annual report of Council of Economic Advisers. 1964. vi+304 p. il. * (Available in departmental edition, \$1.25, Pr 36.9:964, and sent to depositories in that form. See Entry no. 5635.) †
- 4443 281. Annual report of Federal Maritime Commission, fiscal year 1963. [1964.] v+27 p. * (Available in departmental edition, 20c., FMC 1.1:963, and sent to depositories in that form. See Entry no. 4700.)

*For Sale by Superintendent of Documents
 †For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

Page 19

GOVERNMENT PUBLICATIONS

House documents, 88th Congress—Continued

- 4444 282. 43d national report, Disabled American Veterans, 1963 [national convention, Miami Beach, Fla., Aug. 18-24, 1963]; Dec. 2, 1963. 1964. x+326 p. 2 p. of por. † (To be sent to depository libraries in Serial set binding.)
L.C. card 21-16790

House reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

House reports on private bills, 88th Congress. † House Document Room, Capitol. ● Item 1008-B

- 4445 1113. Jesse I. Ellington. Report from Committee on Judiciary to accompany H.R. 7757. Jan. 29, 1964. 5 p.
4446 1114. John A. Peralta. Report from Committee on Judiciary to accompany H.R. 9615. Jan. 29, 1964. 5 p.
4447 1115. Elmer Royal Fay, sr. Report from Committee on Judiciary to accompany S. 573. Jan. 29, 1964. 5 p.
4448 1116. George Lou Rader. Report from Committee on Judiciary to accompany S. 1206. Jan. 29, 1964. 4 p.
4449 1117. Archie L. Dickson, jr. Report from Committee on Judiciary to accompany S. 1445. Jan. 29, 1964. 23 p.
4450 1118. Mary G. Eastlake. Report from Committee on Judiciary to accompany S. 1518. Jan. 29, 1964. 7 p.
4451 1121. Allessandre A. R. Cacace. Report from Committee on Judiciary to accompany S. 1488. Jan. 31, 1964. 5 p.

House reports on public bills, 88th Congress. † House Document Room, Capitol. ● Item 1008-A

- 4452 457. Survey of selected activities: pt. 6 and 7, Efficiency and economy in Civil Aeronautics Board and Federal Aviation Agency. 9th report by Committee on Government Operations; June 25, 1963. 1963. v+49 p. il. (Special offer)
L.C. card 63-61315
4453 904. Authorizing Secretary of Interior to acquire Graff House site for inclusion in Independence National Historical Park. Report from Committee on Interior and Insular Affairs to accompany H.R. 988. Nov. 18, 1963. 8 p. (Special offer)
4454 905. Changing name of Andrew Johnson National Monument and adding certain historic property thereto. Report from Committee on Interior and Insular Affairs to accompany H.R. 5345. Nov. 18, 1963. 3 p. (Special offer)
4455 906. Revising boundaries of Carlsbad Caverns National Park in New Mexico. Report from Committee on Interior and Insular Affairs to accompany H.R. 7458. Nov. 18, 1963. 4 p. (Special offer)
4456 934. Providing for printing of additional copies of certain opinions of Supreme Court of United States in cases involving offering of prayers and reading from Bible in public schools. Report from Committee on House Administration to accompany H. Con. Res. 237. Dec. 2, 1963. 1 p.
4457 936. Federal coal mine safety act amendments. Report from Committee on Education and Labor to accompany H.R. 9000. Dec. 2, 1963. 46 p. [Includes minority report.] (Special offer)
L.C. card 64-60379
4458 1027. Public works appropriation bill, 1964. Conference report to accompany H.R. 9140. Dec. 11, 1963. 26 p. [Corrected print.] (Special offer)
4459 1050, pt. 2. John F. Kennedy Center act. Minority views from Committee on Public Works to accompany H. J. Res. 871. Jan. 8, 1964. 5 p.
L.C. card 64-60413
4460 1093. International Development Association act. Report from Committee on Banking and Currency to accompany H.R. 9022. Jan. 8, 1964. 11 p.
4461 1094. Activity of Committee on Interstate and Foreign Commerce, 88th Congress, 1st session. Report of Committee on Interstate and Foreign Commerce pursuant to sec. 136 of Legislative reorganization act of 1946, Public law 601, 79th Congress, and House resolution 17, 88th Congress; Jan. 13, 1964. 1964. iii+20 p.
L.C. card 48-46555
4462 1095. 13th annual report of activities of Joint Committee on Defense Production, with material on mobilization from departments and agencies; Jan. 13, 1964. 1964. ix+479 p. il. 3 tab. (To be sent to depository libraries in Serial set binding.)
L.C. card 51-61652
4463 1096. Disposition of sundry papers. Report from Joint Committee on Disposition of Executive Papers. Jan. 14, 1964. 2 p.
4464 1097. Small business act amendments. Report from Committee on Banking and Currency to accompany S. 1309. Jan. 16, 1964. 5 p.
4465 1098. Increase in Federal deposit and savings insurance. Report from Committee on Banking and Currency to accompany H.R. 5130. Jan. 20, 1964. 8 p.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 4466 1009. National bank loans on forest tracts. Report from Committee on Banking and Currency to accompany H.R. 8230. Jan. 20, 1964. 3 p.
- 4467 1100. Investment powers of Federal savings and loan associations. Report from Committee on Banking and Currency to accompany H. R. 9609. Jan. 20, 1964. 9 p.
- 4468 1101. Battle of Monocacy Centennial. Report from Committee on Judiciary to accompany H.R. 9094. Jan. 21, 1964. 1 p.
- 4469 1102. Regulation of business of selling securities. Report from Committee on District of Columbia to accompany H.R. 9419. Jan. 23, 1964. 13 p.
- 4470 1104. Sale of VA direct loans at reasonable prices. Report from Committee on Veterans' Affairs to accompany H.R. 6652. Jan. 29, 1964. 8 p.
- 4471 1105. Providing additional funds for Committee on Judiciary. Report from Committee on House Administration to accompany H. Res. 587. Jan. 29, 1964. 1 p.
- 4472 1106. Providing additional funds for investigations and studies authorized by House resolution 55. Report from Committee on House Administration to accompany H. Res. 590. Jan. 29, 1964. 1 p.
- 4473 1107. Providing for further expenses of investigation and study authorized by House resolution 84. Report from Committee on House Administration to accompany H. Res. 607. Jan. 29, 1964. 1 p.
- 4474 1108. Providing for printing as House document President Kennedy's Thanksgiving proclamation. Report from Committee on House Administration to accompany H. Res. 597. Jan. 29, 1964. 1 p.
- 4475 1109. Authorizing printing as House document in form suitable for framing of inaugural address of President John Fitzgerald Kennedy. Report from Committee on House Administration to accompany H. Con. Res. 243. Jan. 29, 1964. 1 p.
- 4476 1110. Authorizing printing as Senate document of tributes by Members of Congress to life, character, and public service of late President, John F. Kennedy. Report from Committee on House Administration to accompany S. Con. Res. 69. Jan. 29, 1964. 1 p.
- 4477 1111. Raising age limit to 65 for total disability income provision on NSLI policies. Report from Committee on Veteran's Affairs to accompany H.R. 6920. Jan. 29, 1964. 7 p.
- 4478 1112. Interest on VA loan funds. Report from Committee on Veteran's Affairs to accompany H. R. 7932. Jan. 29, 1964. 4 p.
- 4479 1119. Consideration of H.R. 7152. Report from Committee on Rules to accompany H. Res. 616. Jan. 30, 1964. 1 p.
- 4480 1125. Registration of pesticide chemicals. Report from Committee on Agriculture to accompany H.R. 9739. Feb. 3, 1964. 26 p.
- 4481 1127. Disposition of sundry papers. Report from Joint Committee on Disposition of Executive Papers. Feb. 4, 1964. 2 p.
- 4482 1129. Small business investment act amendments. Conference report to accompany S. 298. Feb. 5, 1964. 3 p.
- 4483 1132. Consideration of H.R. 8316. Report from Committee on Rules to accompany H. Res. 622. Feb. 7, 1964. 1 p.
- 4484 1135. Smoking and health research. Report from Committee on Agriculture to accompany H. J. Res. 915. Feb. 7, 1964. 3 p.

Agriculture Committee, House

[Committee hearings] serial, 88th Congress † ● Item 1010

- 4485 CC. Biological controls for insects and diseases on agricultural crops, hearing before Subcommittee on Research and Extension, 88th Congress, 1st session, Oct. 24, 1963. 1964. iii+32 p.
L.C. card 64-60386 Y 4.Ag8/1: B 52
- 4486 DD. Functions and operations of tobacco auction markets, hearing before Subcommittee on Tobacco, 88th Congress, 1st session, Nov. 13, 1963. 1964. iii+47 p.
L.C. card 64-60382 Y 4.Ag8/1: T 55/26
- 4487 EE. Equalize livestock marketing competition, hearings before Subcommittee on Livestock and Feed Grains, 88th Congress, 1st session, on H.R. 1706, May 14 and Oct. 29, 1963. 1964. iii+106 p.
L.C. card 64-60454 Y 4.Ag8/1: L 75/5/963
- 4488 HH. Wheat legislation, hearings, before Subcommittee on Wheat, 88th Congress, 1st session, Dec. 11-16, 1963. 1964. iii+97 p.
L.C. card 64-60539 Y 4.Ag 8/1: W 56/19/962-2/pt.1

Appropriations Committee, House

- 4489 Supplemental appropriations to combat mental retardation, hearings before subcommittee, 88th Congress, 1st session, 1963. ii+105+iii p. †
● Item 1011
L.C. card 64-60237 Y 4.Ap6/1: M 52/963

*For Sale by Superintendent of Documents
 †For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

Banking and Currency Committee, House

- 4490 Establishment of International Home Loan Bank, hearings, 88th Congress, 1st session, on H.R. 8143 (and identical bills), Aug. 22-Sept. 12, 1963. 1964. v+286 p. il. † ● Item 1013
L.C. card 64-60451 Y 4.B 22/1: In 8/10
- 4491 Expanding resources of International Development Association, hearing, 88th Congress, 2d session, on H.R. 9022, Jan. 8, 1964. 1964. iii+22 p. † ● Item 1013
L.C. card 64-60442 Y 4.B 22/1: In 8/9/964

Education and Labor Committee, House

- 4492 Bonding provisions of Federal labor laws, hearings before General Subcommittee on Labor, 88th Congress, 1st session, on H.R. 4669, H.R. 4670, and H.R. 4671, Oct. 16 and 24, 1963. 1963. iii+163 p. il. † ● Item 1015
L.C. card 64-60446 Y 4.Ed 8/1: B 64/2
- 4493 Directory of federally financed student loans, fellowships, and career training programs in field of higher education in United States [with selected bibliography]; July 1963. 1963. x+146 p. (Committee print.) †
L.C. card 64-60655 Y 4.Ed 8/1: L 78/963
- 4494 Joint labor-management funds, hearings before General Subcommittee on Labor, 88th Congress, 1st session, on H.R. 5690, Aug. 6 and 7, 1963. 1964. v+163 p. † ● Item 1015
L.C. card 64-60383 Y 4.Ed 8/1: L 11/20

Foreign Affairs Committee, House

- 4495 Background material on mutual defense and assistance programs, fiscal year 1964; Apr. 26, 1963 [prepared by Agency for International Development]. 1963. v+26 p. il. (Committee print, 88th Congress, 1st session.) ‡
L.C. card 64-60662 Y 4.F 76/1: M 98/13/964
- 4496 Report of 1st annual review of alliance for progress, by Inter-American Economic and Social Council, Organization of American States, Oct. 1-28, 1962, Mexico City, by Chester E. Merrow, Congressional adviser United States delegation, pursuant to H. Res. 60; Nov. 30, 1962. 1962. viii+52 p. (Committee print, 87th Cong., 2d sess.) ‡
L.C. card 64-60681 Y 4.F 76/1: A 5
- 4497 Winning cold war, U.S. ideological offensive, hearings before Subcommittee on International Organizations and Movements, 88th Congress, 1st session. † ● Item 1017
L.C. card 63-61288 Y 4.F 76/1: C 67/pt.5
pt. 5. Impact abroad of U.S. private information mass media, Impact abroad of special activities of selected private U.S. Organizations. Problems and techniques of international communication, Sept. 11-13, 1963. 1963. iv+529-710 p. il.

Government Operations Committee, House

- 4498 Interim report of activities of House Committee on Government Operations, 88th Congress, 1st session, 1963; Jan. 1964. 1964. iii+87 p. (Committee print, 88th Congress, 2d session.) ‡
L.C. card 64-60682 Y 4.G74/7: Ac 8/3/963

House Administration Committee, House

- 4499 Establishment of congressional Science Advisory Staff, hearing before Subcommittee on Accounts, 88th Congress, 1st session, on H.R. 6866 and H.R. 8066, Dec. 4, 1963. 1964. iii+85 p. † ● Item 1018
L.C. card 64-60380 Y 4.H 81/3: Sci 2

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

Interstate and Foreign Commerce Committee, House

- 4500 Refrigerator safety devices, hearing before subcommittee, 88th Congress, 1st session, on progress to date in achieving objectives of Public Law 930, 84th Congress, Sept 23, 1963. 1964. iii+37 p. il. † ● Item 1019
L.C. card 64-60385 Y 4.In 8/4: Sa 1/11/963
- 4501 Steel container labeling and woven label identification, hearing before subcommittee, 88th Congress, 1st session, on H.R. 4994, H.R. 5662, H.R. 5673, H.R. 5675, Nov. 6, 1963. 1964. iii+66 p. † ● Item 1019
L.C. card 64-60440 Y 4.In 8/4: St 3/2

Judiciary Committee, House

- [Committee hearings] serial, 88th Congress. † ● Item 1020
- 4502 4. Civil rights, hearings, 88th Congress, 1st session, on H.R. 7152, as amended by Subcommittee no. 5.
L.C. card 63-05124 Y 4.J 89/1: 88/4/pt.4
pt. 4. Oct. 15-16, 1963. 1964. iii+2651-2780 p.
- 4503 Part 2, District of Columbia code, Judiciary and judicial procedure, effective Jan. 1, 1964 [Public Law 88-241, with] revision notes and distribution table. 1964. vi+[1]+373 p. (Committee print.) * Paper, \$1.00.
L.C. card 64-60663 Y 4.J 89/1: J 89/12

Merchant Marine and Fisheries Committee, House

- [Committee hearings] serial, 88th Congress. † ● Item 1021
- 4504 15. Exclude lumber tariff filing requirements, hearing before Subcommittee on Merchant Marine, 88th Congress, 1st session, on H.R. 1157, H.R. 2593, H.R. 3691, June 27, 1963. 1964. iii+50 p.
L.C. card 64-60516 Y 4.M53: 88-15

Public Works Committee, House

- [Committee hearings, serial], 88th Congress. † ● Item 1024
Y 4.P 96/11: 88/(nos.)
- 4505 14. Delaware River Port Authority compact, hearing, 88th Congress, 1st session, on H.R. 7332, H.R. 7339, and H.R. 7595, Nov. 13, 1963. 1964. iii+23 p.
L.C. card 64-60518
- 4506 17. John F. Kennedy Center for Performing Arts, hearings before joint session of Committee on Public Works, House, and Committee on Public Works, Senate, 88th Congress, 1st session, on H.J. Res. 828, S.J. Res. 136 [and] H.J. Res. 871, Dec. 12 and 16, 1963. 1964. iv+114 p.
L.C. card 64-60538

Rules Committee, House

- 4507 Civil rights, hearings, 88th Congress, 2d session, on H.R. 7152. † ● Item 1025
L.C. card 64-60448 Y 4.R 86/1: C 49/2/964/pt. (nos.)
[pt. 1.] Jan. 9-16, 1964. 1964. iii+307 p.

Science and Astronautics Committee, House

- 4508 Government and science, no. 1, statement of purpose, report of Subcommittee on Science, Research, and Development. 1963. v.+14 p. (Serial C; committee print, 88th Congress, 1st session.) ‡
L.C. card 64-60210 Y 4.Sci 2: 88-1/C
- [Papers], 88th Congress, 1st session. † ● Item 1025-A
Y 4.Sci 2: 88-1/(nos.)
- 4509 8. Government and science, hearings before Subcommittee on Science, Research, and Development, 88th Congress, 1st session, Oct. 15-Nov. 20, 1963. 1964. iv+477 p. il.
L.C. card 64-60459
- 4510 9. Memorial to Dr. Robert H. Goddard, hearing, 88th Congress, 1st session, on H.J. Res. 787, Dec. 3, 1963. 1964. iii+12 p.
L.C. card 64-60441

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

Veterans' Affairs Committee, House

- 4511 VA housing program, H.R. 6652 and H.R. 7932, hearings before Subcommittee on Housing, 88th Congress, 1st session, Nov. 20, and 21, 1963. 1964. iii+1703-80 p. † ● Item 1027
L.C. card 64-60387 Y 4.V 64/3 : H 81/20

Ways and Means Committee, House

- 4512 Brief summary of principal provisions of H.R. 8363, Revenue act of 1963; Sept. 13, 1963. 1963. [1]+4 p. (Revised committee print.) †
L.C. card 64-60661 Y4.W 36 : R 32/61
- 4513 Completion of press releases issued during course of consideration of President's 1963 tax recommendations and containing brief description of provisions agreed upon for inclusion in H.R. 8363, Revenue act of 1963; Sept. 11, 1963. 1963. iii+22 p. (Committee print.) †
L.C. card 64-60654 Y 4.W 36 : T 19/31/963-2

INTERNAL REVENUE TAXATION JOINT COMMITTEE

- 4514 Summary of President's 1963 tax message as presented to Committee on Ways and Means, House, prepared by staff of Joint Committee on Internal Revenue Taxation; Apr. 1963. 1963. iv+76 p. †
L.C. card 64-60653 Y 4.In 8/11 : T 19/8

SENATE

Senate bills

NOTE.—The following list includes all public bills and resolutions introduced during the period of this catalog. Amendments are not listed.

For information concerning bills, see (1) Senate calendar, (2) Congressional record index, or (3) Digest of public general bills prepared by the Legislative Reference Service, Library of Congress.

Depository libraries should consult the depository shipping lists for a complete list of the bills and resolutions sent to them by the Superintendent of Documents.

- 4515 S. 2396, 2459, 2465-70, 2472, 2475, 2477-78, 2481-82, 2485-87, 2490, 2492-95, 2497-98, 2500, 2505-6, 2510-12, 2516, 2520-25, 2529-31, 2533, S. Con. Res. 71, S. Joint Res. 152-157, S. Res. 287-298. 88th Congress. ● Item 1006.

Senate documents

NOTE.—All Senate documents, entries for which are followed by a †, may be obtained from the Senate Document Room or from the issuing office.

Senate documents, 88th Congress.

- 4516 53. Summary of 3-year Kennedy record and digest of major accomplishments of 87th Congress and 88th Congress, 1st session, Jan. 3, 1961-Dec. 30, 1963 together with statement by Mike Mansfield, Senate Majority Leader; Dec. 13, 1963. 1964. xii+303 p. † ● Item 996
L.C. card 64-60500
- 4517 54. Judgments rendered by Court of Claims, year ended Sept. 30, 1963; Jan. 8, 1964. 1964. [1]+22 p. † ● Item 996
L.C. card 9-6546
- 4518 55. Report of Secretary of Senate, July 1, 1962-June 30, 1963; Jan. 8, 1964. 1964. iv+963 p. † (To be sent to depository libraries in Serial set binding.)
L.C. card 9-16161
- 4519 56. Fallacies and dangers in proposals to abolish Federal income tax, dispose of all Federal business activities, and to limit treaty-making powers by Liberty amendment to Constitution, report by Carl Hayden; Jan. 14, 1964. 1964. ii+8 p. † ● Item 996
- 4520 57. Personnel administration and operations of Agency for International Development, report of Gale W. McGee to Committee on Appropriations; Nov. 29, 1963. 1964. xi+61 p. il. 2 tab. † ● Item 996
L.C. card 64-60677

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

Senate executive reports

Senate executive report, 88th Congress, 1st session. ‡

- 4521 7. Convention on Chamizal. Report from Committee on Foreign Relations to accompany Ex. N, 88th Cong., 1st sess. Dec. 14, 1963. 8 p. Y 1.88/1: rp.7
L.C. card 64-60683

Senate reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

Senate reports on private bills, 88th Congress. † Senate Document Room, Capitol. ● Item 1008-B

- 4522 727. Steamship Trade Association of Baltimore-Waterfront Guard Association. Report from Committee on Judiciary to accompany H.R. 5753. Dec. 4, 1963. 3 p.
4523 811. Admitting 3 small ferry boats to U.S. registry and coastwise trade. Report from Committee on Commerce to accompany S. 469. Dec. 18, 1963. 5 p.
4524 826. Authorizing Administrator of General Services to convey by quitclaim deed, parcel of land to Lexington Park Volunteer Fire Department, Inc. Report from Committee on Government Operations to accompany H.R. 3368. Jan. 22, 1964. 5 p.

Senate reports on public bills, 88th Congress. † Senate Document Room, Capitol. ● Item 1008-A

- 4525 237. Authorizing modification of repayment contract with Grand Valley Water Users' Association. Report from Committee on Interior and Insular Affairs to accompany H.R. 2821. June 13, 1963. 6 p. (Special offer)
4526 448. Promoting orderly transfer of executive power in connection with expiration of term of office of President and inauguration of new President. Report from Committee on Government Operations to accompany H.R. 4638. Aug. 23, 1963. 9 p. (Special offer)
4527 458. Amending Manpower development and training act of 1962. Report together with minority views from Committee on Labor and Public Welfare to accompany S. 1716. Aug. 23, 1963. 9 p. (Special offer)
4528 530. Transferring Austin, Fort Bend, and Wharton Counties from Galveston division to Houston division of southern district of Texas. Report from Committee on Judiciary to accompany S. 721. Sept. 30, 1963. 3 p. (Special offer)
4529 554. Defining local rights in federally constructed reservoirs. Report from Committee on Public Works to accompany H.R. 1696. Oct. 2, 1963. 6 p. (Special offer)
4530 556. Federal water pollution control act amendments of 1963. Report together with individual views from Committee on Public Works to accompany S. 649. Oct. 4, 1963. 35 p. (Special offer)
4531 726. City of Binghamton, N.Y. Report from Committee on Judiciary to accompany H.R. 5495. Dec. 4, 1963. 5 p. (Special offer)
4532 734. City of Winslow, Ariz. Report from Committee on Judiciary to accompany H.R. 7601. Dec. 4, 1963. 4 p. (Special offer)
4533 748. To encourage physicians and dentists who have received Public Health Service student loans to practice in shortage areas. Report from Committee on Labor and Public Welfare to accompany S. 2220. Dec. 6, 1963. 7 p.
4534 766. Authorizing printing of additional copies of certain opinions of Supreme Court of United States in cases involving offering of prayers and reading from Bible in public schools. Report from Committee on Rules and Administration to accompany H. Con. Res. 237. Dec. 10, 1963. 1 p.
4535 809. Authorizing printing as Senate document of tributes by Members of Congress to life, character, and public service of late President John F. Kennedy. Report from Committee on Rules and Administration to accompany S. Con. Res. 69. Dec. 18, 1963. 1 p.
4536 814. Supplemental appropriations for certain activities of Department of Health, Education, and Welfare related to mental retardation. Report from Committee on Appropriations to accompany H.J. Res. 875. Dec. 20, 1963. 5 p.
4537 815. Authorizing printing as Senate document of report by Carl Hayden on fallacies and dangers in proposed Liberty amendment. Report from Committee on Rules and Administration to accompany S. Res. 251. Jan. 10, 1964. 1 p.
4538 816. Authorizing printing as Senate document of report entitled Personnel administration and operations of Agency for International Development, submitted by Gale W. McGee. Report from Committee on Rules and Administration to accompany S. Res. 237. Jan. 10, 1964. 2 p.
4539 817. Study of migratory labor. Report from Committee on Rules and Administration to accompany S. Res. 249. Jan. 15, 1964. 1 p.

*For Sale by Superintendent of Documents

⊕For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

Senate reports on public bills, 88th Congress—Continued

- 4540 819. Authorizing Committee on Banking and Currency to make certain investigations. Report from Committee on Banking and Currency to accompany S. Res. 256. Jan. 16, 1964. 2 p.
- 4541 820. Study of Federal housing programs. Report from Committee on Banking and Currency to accompany S. Res. 257. Jan. 16, 1964. 3 p.
- 4542 821. Planning in metropolitan areas. Report from Committee on Government Operations to accompany S. 855. Jan. 22, 1964. 14 p.
- 4543 822. Authorizing Administrator of General Services to sell part of former Cheli Air Force Station to Chanslor-Western Oil & Development Co. by negotiation, and for other purposes. Report from Committee on Government Operations to accompany S. 1928. Jan. 22, 1964. 8 p.
- 4544 823. Study of foreign policy. Report from Committee on Foreign Relations to accompany S. Res. 277. Jan. 22, 1964. 4 p.
- 4545 824. Continuation of certain studies and start of others. Report from Committee on Post Office and Civil Service to accompany S. Res. 281. Jan. 22, 1964. 1 p.
- 4546 825. Authorizing employment of temporary clerical assistant. Report from Committee on Post Office and Civil Service to accompany S. Res. 282. Jan. 22, 1964. 1 p.
- 4547 827. Authorizing transportation of privately owned motor vehicles of Government employees assigned to duty in Alaska. Report from Committee on Government Operations to accompany H.R. 1959. Jan. 22, 1964. 10 p.
- 4548 828. Amending subsection 506(d) of Federal property and administrative services act of 1949, as amended, regarding certification of facts based upon transferred records. Report from Committee on Government Operations to accompany H.R. 4801. Jan. 22, 1964. 7 p.
- 4549 829. Authorizing Government agencies to provide quarters, household furniture and equipment, utilities, subsistence, and laundry service to civilian officers and employees of United States, and for other purposes. Report from Committee on Government Operations to accompany S. 1833. Jan. 22, 1964. 7 p.
- 4550 831. St. Louis 200th anniversary medals. Report from Committee on Banking and Currency to accompany H.R. 9076. Jan. 23, 1964. 3 p.
- 4551 832. International Publishers Congress. Report from Committee on Foreign Relations to accompany S.J. Res. 120. Jan. 29, 1964. 2 p.
- 4552 833. Investigation of aeronautical and space activities of Federal departments and agencies. Report from Committee on Rules and Administration to accompany S. Res. 254. Jan. 30, 1964. 4 p.
- 4553 835. Study of banking and currency matters. Report from Committee on Rules and Administration to accompany S. Res. 256. Jan. 30, 1964. 4 p.
- 4554 836. Study of Federal housing programs. Report from Committee on Rules and Administration to accompany S. Res. 257. Jan. 30, 1964. 4 p.
- 4555 837. Investigations by Committee on Commerce. Report from Committee on Rules and Administration to accompany S. Res. 233. Jan. 30, 1964. 29 p.
- 4556 844. Study of administrative practice and procedure in Government departments and agencies. Report from Committee on Rules and Administration to accompany S. Res. 261. Jan. 30, 1964. 4 p.
- 4557 850. Investigation of immigration and naturalization matters. Report from Committee on Rules and Administration to accompany S. Res. 266. Jan. 30, 1964. 7 p.
- 4558 851. Internal security. Report from Committee on Rules and Administration to accompany S. Res. 268. Jan. 30, 1964. 5 p.
- 4559 852. Investigation of juvenile delinquency. Report from Committee on Rules and Administration to accompany S. Res. 274. Jan. 30, 1964. 8 p.
- 4560 853. Study of national penitentiaries. Report from Committee on Rules and Administration to accompany S. Res. 269. Jan. 30, 1964. 3 p.
- 4561 856. Study of matters pertaining to revision and codification of statutes of United States. Report from Committee on Rules and Administration to accompany S. Res. 272. Jan. 30, 1964. 4 p.
- 4562 857. Review of administration of Trading with the enemy act. Report from Committee on Rules and Administration to accompany S. Res. 273. Jan. 30, 1964. 5 p.
- 4563 858. Additional professional staff members and clerical assistants for Committee on Labor and Public Welfare. Report from Committee on Rules and Administration to accompany S. Res. 252. Jan. 30, 1964. 3 p.
- 4564 859. Authorizing Committee on Labor and Public Welfare to employ 1 additional professional staff member. Report from Committee on Rules and Administration to accompany S. Res. 253. Jan. 30, 1964. 3 p.
- 4565 867. Equal employment opportunity act. Report together with additional, minority, and individual views from Committee on Labor and Public Welfare to accompany S. 1937. Feb. 4, 1964. 53 p.
- 4566 868. Compliance with convention on Chamizal. Report from Committee on Foreign Relations to accompany S. 2394. Feb. 5, 1963. [1964]. 9 p. L.C. card 64-00684
- 4567 869. Relating to nomination and selection of candidates for appointments to Military, Naval, and Air Force Academies. Report from Committee on Armed Services to accompany H.R. 7356. Feb. 6, 1964. 44 p.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

Aeronautical and Space Sciences Committee, Senate

- 4568 Educational programs of NASA, hearings, 88th Congress, 1st session, on facilities, training, and research grants programs of National Aeronautics and Space Administration, Nov. 21 and 22, 1963. 1964. iii+152 p. * Paper, 40c. ● Item 1032
L.C. card 64-60377 Y 4.Ae 8: Ed 8

Appropriations Committee, Senate

- 4569 Personnel administration and operations of Agency For International Development, special hearings, 88th Congress, 1st session, [May 8-June 10, 1963]. 1963. ii+40+iv p. il. † ● Item 1033
L.C. card 64-60458 Y 4.Ap 6/2: In 8 d
- 4570 Supplemental appropriations to combat mental retardation, hearings, 88th Congress, 1st session, on H.J. Res. 875. 1963. ii+63+iv p. †
● Item 1033
L.C. card 64-60656 Y 4.Ap 6/2: M 52/963

Armed Services Committee, Senate

- 4571 Increase in appointments for Military and Air Force Academies, hearing, 88th Congress, 1st session, on H.R. 7356, Dec. 5, 1963. 1964. iii+45 p. †
● Item 1034
L.C. card 64-60520 Y 4.Ar5/3: Ac 1/2
- 4572 Materials reserve and stockpile act of 1963, hearings before Subcommittee, 88th Congress, 1st session, on S. 2272. † ● Item 1034
L.C. card 64-60381 Y 4.Ar5/3: M 41/pt.1
pt. 1. Dec. 3 and 4, 1963. 1964. iii+82 p.

Banking and Currency Committee, Senate

- 4573 HHFA and VA housing legislation, hearing before subcommittee, 88th Congress, 1st session, on S.J. Res. 129, S. 484 and S. 1675, Nov. 12, 1963. 1964. iii+37 p. † ● Item 1035
L.C. card 64-60284 Y 4.B 22/3: H 81/45/963
- 4574 Nomination of Joseph W. Barr, hearing, 88th Congress, 2d session, on nomination of Joseph W. Barr to be member of Board of Directors of Federal Deposit Insurance Corporation, Jan. 16, 1964. 1964. iii+7 p. † ● Item 1035
L.C. card 64-60519 Y 4.B 22/3: B 27
- 4575 Summary of activities, report of Senate Committee on Banking and Currency, 88th Congress, 1st session, 1963. 1964. v+76 p. (Committee print, [88th Congress, 2d session].) †
L.C. card 52-61470 Y 4.B 22/3: Ac 8/963

Commerce Committee, Senate

[Committee hearings] serial, 88th Congress. † ● Item 1041

- 4576 37. Sundry nominations, hearings, 88th Congress, 1st session, on nominations of James D. Crank, Coast Guard, Louis M. Thayer, jr., Coast Guard, Albert J. Carpenter, Coast Guard, David S. Black, Federal Power Commission, Robert M. White, Weather Bureau, John R. Reilly, Federal Trade Commission, Philip Elman, Federal Trade Commission, Jan. 31-Nov. 5, 1963. 1964. iii+40 p. il.
L.C. card 64-60452 Y 4.C 73/2: 88/37
- 4577 40. Civil rights, public accommodations, hearings, 88th Congress, 1st session, on S. 1732: pt. 3, Appendix. 1964. iii+1525-75 p. * Paper, 25c.
L.C. card 63-62248 Y 4.C 73/2: C 49/4/pt.3

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

District of Columbia Committee, Senate

- 4578 Creation of horizontal property regimes (condominiums) in District of Columbia, hearings before Judiciary Subcommittee, 88th Congress, 1st session, on S. 854 and H.R. 4276, Sept. 25, 1963. iii+40 p. †
● Item 1036
L.C. card 64-60447 Y 4.D 63/2: P 94/4
- 4579 Mallory and Durham rules, investigative arrests and amendments to criminal statutes of District of Columbia, hearings, 88th Congress, 1st session, on H.R. 7525 [and] S. 486. † ● Item 1036
L.C. card 64-60450 Y 4.D 63/2: M 29/2/pt.1
pt. 1. Oct. 10-Nov. 7, 1963. 1964. vi+771 p.

Foreign Relations Committee, Senate

- 4580 Compliance with convention on Chamizal, hearing, 88th Congress, 2d session, on S. 2394, Jan. 21, 1964. 1964. iii+43 p. † ● Item 1039
L.C. card 64-60567 Y 4.F76/2: C 35/2
- 4581 Convention with Mexico for solution of problem of Chamizal, hearings, 88th Congress, 1st session, on Executive N, 88th Congress, 1st session, signed Mexico City, Aug. 29, 1963, by respective plenipotentiaries of 2 countries, Dec. 12 and 13, 1963. 1963. iii+134 p. † ● Item 1039
L.C. card 64-60223 Y 4.F 76/2: C 35
- 4582 Mexico-United States Interparliamentary group, report of Senate delegation on 3d meeting, held at Guanajuato, Mexico, Mar. 1963, by John Sparkman, chairman; Dec. 2, 1963. 1963. v+13 p. (Committee print, 88th Congress, 1st session.) †
L.C. card 61-60924 Y 4.F 76/2: M 57/8/963

Government Operations Committee, Senate

- 4583 National survey of metropolitan planning, prepared by Housing and Home Finance Agency for Subcommittee on Intergovernmental Relations; Dec. 16, 1963. 1963. iv+[176] p. (Committee print, 88th Congress, 1st session.) * Paper, 50c.
L.C. card 64-60513 Y 4.G 74/6: M 56/4
- 4584 TFX contract investigation, hearings before Permanent Subcommittee on Investigations, 88th Congress, 1st session, pursuant to Senate resolution 17, 88th Congress. † ● Item 1037
L.C. card 63-61382 Y 4.G 74/6: T 11/pt.10
pt. 10. Nov. 18-20, 1963. 1964. iii+2523-2740 p.

Interior and Insular Affairs Committee, Senate

- 4585 Auburn-Folsom south unit of Central Valley project, hearings before Subcommittee on Irrigation and Reclamation, 88th Congress, 1st session, on S. 351, Nov. 18 and 19, 1963. 1964. iv+153 p. 2 pl. † ● Item 1040
L.C. card 64-60522 Y 4.In 8/13: Au 1/963
- 4586 Geothermal steam leasing, hearing before Subcommittee on Minerals, Materials, and Fuels, 88th Congress, 1st session, on S. 883. † ● Item 1040
L.C. card 63-65131 Y 4.In 8/13: St 3/3/pt.2
pt. 2. Oct. 25, 1963. 1963. iii+89-165 p.
- 4587 Gold revitalization, hearing before Subcommittee on Minerals, Materials, and Fuels, 88th Congress, 1st session, on S. 2125, Oct. 23, 1963. 1964. iv+60 p. † ● Item 1040
L.C. card 64-60449 Y 4.In 8/13: G 56/3

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 4588 Leasing of naval properties in Virgin Islands, hearings before Territories and Insular Affairs Subcommittee, 88th Congress, 1st session, on status of leases on certain lands owned by United States Navy on St. Thomas, Virgin Islands, Oct. 29 and 30, 1963. 1964. iv+144 p. 2 maps. †
● Item 1040
L.C. card 64-60384 Y 4.In 8/13: V 81/4

Labor and Public Welfare Committee, Senate

- 4589 Nation's manpower revolution, hearings before Subcommittee on Employment and Manpower, 88th Congress, 1st session, relating to training and utilization of manpower resources of Nation. † ● Item 1043
L.C. card 63-65065 Y 4.L11/2: M31/6/pt. (nos.)
pt. 8. Nov. 12-Dec. 3, 1963. 1964. vi+2571-2857 p. ll.
pt. 9. Nov. 15-Dec. 5, 1963. 1964. vi+2859-3347 p. ll.
- 4590 Selected education acts of 1963, prepared [by Education Office, Health, Education, and Welfare Department, for Subcommittee on Education. 1963. v+123 p. (Committee print, 88th Congress, 1st session.)
* Paper, 35c.
L.C. card 64-60664 Y 4.L 11/2: Ed 8/23

Post Office and Civil Service Committee, Senate

- 4591 Extending apportionment requirement to temporary summer employment, hearing before Subcommittee on Civil Service, 88th Congress, 1st session, on H.R. 10 and S. 14, Dec. 11, 1963. 1964. iii+47 p. † ● Item 1044
L.C. card 64-60521 Y 4.P 84/11: Em 7/3
- 4592 Post office nomination, hearing, 88th Congress, 2d session, on nomination of Tyler Abell to be Assistant Postmaster General for Facilities, Jan. 21, 1964. 1964. ii+7 p. † ● Item 1044
L.C. card 64-60443 Y 4.P 84/11: N 72/964

Public Works Committee, Senate

- 4593 John F. Kennedy Center for Performing Arts, hearings before joint session. See Public Works Committee, House Y 4.P 96/10:

Rules and Administration Committee, Senate

- 4594 Financial or business interests of officers or employees of Senate, hearings, 88th Congress, 1st and 2d sessions, pursuant to S. Res. 212 and S. Res. 221. † ● Item 1046
L.C. card 64-60457 Y 4.R 86/2: F 49/pt. (nos.)
pt. 1. Testimony of Don B. Reynolds, Jan. 9, 17, 1964. 1964. iii+122 p. ll.
pt. 2. Testimony of Ernest C. Tucker and Albert G. Young. 1964. iii+123-237 p. ll.
pt. 4. Testimony of Mrs. Gertrude C. Novak. 1964. iii+293-381 p. ll.

COPYRIGHT OFFICE, Library of Congress

- Catalog of copyright entries, 3d series v. 17.
- 4595 pt. 6. Maps and atlases, no. 1, Jan.-June 1963. 1963. viii+90 p. 4° * Paper, \$1.00 a yr., 25c. additional for foreign mailing; single copy, 50c. ● Item 797
L.C. card 6-35347 LC 3.6/5: v.17/pt.6/no.1

CUSTOMS BUREAU, Treasury Dept.

- 4596 For returning U.S. residents, customs hints, speed your way through customs. [Jan. 1964.] 13 p. ll. narrow 8° * Paper, \$22.00 per 1000.
● Item 950 T 17.2: C 96/3/964

- *For Sale by Superintendent of Documents
‡For Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

DEFENSE DEPARTMENT

- 4597 Corrections and clarification notes to Handling and storage of liquid propellants, Jan. 1963. Dec. 10, 1963. 3 p. 4° (Office of Director of Defense Research and Engineering, Working Group on Safety Regulations for Liquid Propellants.) † ● Item 320-A D 4.10: P 94/963/corr.sh.
- Defense Supply Agency handbook DSAH (series). ● Item 314-A
- 4598 4155.1. Quality control representatives handbook; Nov. 1963. [1963.] cover title, vi+[79] p. 4° [Issued in loose-leaf form.] Supersedes DSSC Operating manual and inspection handbook, DGSC quality control field manual and DC&TSC manual 4155.1.] † D 7.6/7: 4155.1
- Defense Supply Agency manual DSAM (series).
- 4599 4145.1. See Army Department, technical manual 743-200, Change 15.
- 4600 4160.1. Defense disposal manual. Jan. 1964. cover title, iii+[490] p. il. 4° ([Army Dept.] AR 755-20; [Air Force] AFM 67-4; [Marine Corps] P 4500.16.) [Issued with perforations. Supersedes AFSPERSTIO, AFR 68-5, AR 755-15, NAVSANDA Pub 389, NVMC 2562, Aug. 31, 1960, AR 755-16, NAVSANDA Pub. 391, AFR 68-6, NAVMC 2568, Oct. 5, 1960 and DSAR 4160.1 May 29, 1963, as amended.] * Paper, \$2.50. ● Item 314-A D 7.6/8: 4160.1
- Federal supply catalog, Department of Defense section. [Issued with perforations.] † ● Item 314-B
- 4601 C9100-ML-CN 1. Management data list: Change notice 1, FSC group 91, Fuels, lubricants, oils, and waxes. Jan. 1, 1964. [21]+ii+4 p. 4° (Defense Petroleum Supply Center.) D 7.9: C 9100-ML/ch.1
- HQM (series). (Defense Supply Agency, Cameron Station, Alexandria, Va.)
- 4602 5100.1. Headquarters, organization, missions, and functions. Dec. 1963. cover title, viii+[129] p. il. 4° [Issued with perforations.] † ● Item 314-A L.C. card 64-60679 D 7.6/9: 5100.1
- 4603 Introduction to Defense Supply Agency, [Jan. 1964.] [1]+iv+37 p. * Paper, 25c. ● Item 314-A L.C. card 62-61510 D 7.2: D 36/964
- Military handbook MIL-HDBK (series).
- 4604 213-A. Electron tubes, cross index and type identification; Nov. 5, 1963. [1964.] v+303 p. 4° [Supersedes MIL-HDBK-213, Nov. 2, 1959. Issued in loose-leaf form.] * Paper, \$1.75. ● Item 314-A L.C. card 64-60651 D 7.6/2: 213-A
- Military standards. [Issued with perforations.] D 7.10: (nos.)
- 4605 MIL-STD-1B. General drawing practice for engineering drawings; July 9, 1963. [1963.] iv+23 p. il. 4° [Supersedes MIL-STD-1A, May 23, 1958.] * Paper, 10c.
- 4606 MIL-STD-24B. Revision of drawings; June 28, 1963. [1963.] iii+9 p. il. 4° [Supersedes MIL-STD-24A, Nov. 17, 1955.] * Paper, 10c.
- 4607 MIL-STD-726A. Packaging requirements code. Change notice 2. Aug. 31, 1963. [6] p. 4° * Paper, \$1.25 (including basic book and supplementary material issued irregularly for an indefinite period); 50c. additional for foreign mailing.
- Plastics Technical Evaluation Center, Picatinny Arsenal, Dover, N.J.: Plastec note.
- 4608 7. Literature survey on thermal degradation; thermal oxidation, and thermal analysis of high polymers; by David W. Levi. June 1963. [1]+iv+149+[4] p. 4° (Polymers Research Section, Plastics and Packaging Laboratory, Picatinny Arsenal.) [Issued with perforations.] † Paper, \$2.75. D 4.11/2: 7
- 4609 USAFI supply bulletin; Jan. 1964. [1963.] [61] p. 4° (United States Armed Forces Institute.) † D 1.10/3: 964

DISTRICT OF COLUMBIA

- 4610 List of legal investments for trust funds in District of Columbia as of Jan. 1, 1964. [1964.] iii+58 p. (United States District Court

*For Sale by Superintendent of Documents
 †Distribution Made by Issuing Office
 ‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

MARCH 1964

for District of Columbia.) [Semiannual] † Office of Register of Wills and Clerk of Probrate Court, Washington, D.C. ● Item 430-A
L.C. card 41-7391 DC 21.9:964

ECONOMIC RESEARCH SERVICE, Agriculture Dept.

Agricultural economic reports. ● Item 42-C A 93.28: (nos.)

- 4611 46. Ownership of rural land in Southeast; by Roger W. Strohbehn. Dec. 1963. cover title, iv+43 p. il. 4° (Resource Development Economics Division.) [Text on p. 2 of cover.] * Paper, 30c.
L.C. card Agr 64-110
- 4612 47. Rising depreciation of assets in agricultural marketing firms, some causes and implications [with list of literature cited; by Stephen J. Hlemstra]. [Dec. 1963.] iv+51 p. il. 4° (Marketing Economics Division.) * Paper, 30c.
L.C. card Agr 64-86
- 4613 48. Sweeteners used by food processing industries, their competitive position in United States; [by Roy A. Ballinger and L. C. Larkin]. [Jan. 1964.] iv+22 p. il. 4° ([Marketing Economics Division.]) * Paper, 20c.
L.C. card Agr 64-114

Foreign agricultural economic report. ● Item 42-B

- 4614 14. 1964 world agricultural situation. Jan. 2, 1964. cover title, il+37 p. il. 4° (Foreign Agricultural Service.) †
L.C. card 64-60686 A 93.27: 14
- 4615 Rice situation. Jan. 1964. 31 p. il. 4° (RS-8.) † ● Item 21-P
L.C. card 59-61777 A 93.11/3: 8

EDUCATION OFFICE, Health, Education, and Welfare Dept.

- 4616 Case studies in liberal arts college, academic administration; [by] John H. Russel and Archie R. Ayers. [1964.] v+[1]+184 p. (OE-53020; Bulletin 1964, no. 12.) * Paper, 70c. ● Item 460-A-53
L.C. card HEW 64-19 FS 5.253: 53020
- 4617 Directory, State supervisors of trade and industrial education. Jan. 1964. 17 p. 4° (Bureau of Educational Assistance Programs, Division of Vocational and Technical Education.) † FS 5.2: T 68/4
- 4618 Directory, teacher trainers of trade and industrial education. Jan. 1964. 13 p. 4° (Bureau of Educational Assistance Programs, Division of Vocational and Technical Education.) † FS 5.2: T 68/5
L.C. card E 58-13
- 4619 ECPD accredited engineering technology program, 1963. Dec. 1963. 4 p. 4° (OE-57001-63; Division of Higher Education, 2-year college series.) † FS 5.257: 57001-63
- 4620 Education media program [with list of selected educational media program publications]; Jan. 1964. [1964.] 6 p. 4° (OE-34023-A.) † FS 5.234: 34023-A
- 4621 Good posture for boys and girls; [prepared by Wallace Ann Wesley and Elsa Schneider]. [1963.] [2]+12 p. il. oblong 32° (OE-28007.) [Revision of article by Helen Manley in School life, Nov. 1947.] * Paper, \$6.50 per 100; single copy, 10c. ● Item 460-A-28 FS 5.228: 28007
- 4622 Grants for advanced graduate students, teachers, and professors under sec. 102(b) (6) of Fulbright-Hays act for study, research, and summer seminars abroad in modern foreign languages and area studies [1964-65]. [1963.] [2]+8 p. † FS 5.2: G 76/2
- 4623 Home economics in institutions granting bachelor's or higher degrees, 1961-62; Enrollments, degrees granted, offerings, faculty; by Virginia F. Thomas, Berenice Mallory. [1964.] vi+81 p. 4° (OE-83008-62; Misc. 42; Home Economics Education Branch.) [Text on p. 2 of cover.] * Paper, 55c. ● Item 460-A-83
L.C. card HEW 64-35 FS 5.283: 83008-62

*For Sale by Superintendent of Documents

✚For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- 4624 Library education directory, 1962-63; by Sarah R. Reed, and Nathan M. Cohen. [1963.] iv+31 p. 4° (OE-15046, Misc. 43.) [Map on p. 2 of cover.] * Paper, 30c. ● Item 460-A-15
L.C. card HEW 64-33 FS 5.215: 15046
- 4625 Library statistics of colleges and universities, 1962-63; Institutional data; by Theodore Samore and Doris C. Holladay. [1964.] iii+120 p. 4° (OE-15023-63, Circular 729.) * Paper, 75c. ● Item 460-A-15
L.C. card HEW 61-33 FS 5.215: 15023-63
- Misc. [miscellaneous] (series).
- 4626 42. See, above, Home economics in institutions granting bachelor's or higher degrees, 1961-62.
- 4627 43. See, above, Library education directory 1962-63.
- 4628 National Defense counseling and guidance training institutes, summer 1964, academic year 1964-65. [1963] 14+[1] p. (OE-25015-65.) †
● Item 460-A-25
L.C. card HEW 62-46 FS 5.225: 25015-65
- 4629 National Defense Language Institutes, summer 1964, academic year 1964-65. [1964.] 15 p. (OE-27011-65.) † ● Item 460-A-27
L.C. card HEW 62-45 FS 5.227: 27011-65
- 4630 New construction and rehabilitation on college campuses, 1961-62; by W. Robert Bokelman and Leslie F. Robbins. Nov. 1963. 9 p. 4° (OE-51004-18; Division of Higher Education, College and university, physical facilities series.) †
L.C. card HEW 62-101 FS 5.251: 51004-18
- 4631 Office of Education publications in secondary education. Revised Jan. 1964. [1964.] 16 p. 4° (OE-20041-A; Secondary Schools Section.) †
L.C. card 63-60366 FS 5.220: 20041-A
- 4632 Placement examinations in mathematics; by Clarence B. Lindquist. Nov. 1963. 3 p. 4° (OE-56015-3; Division of Higher Education, Mathematics programs series.) †
FS 5.256: 56015-3
- 4633 Public school finance program, 1961-62: Puerto Rico; prepared by Albert R. Munse and Candido Oliveras. Nov. 1963. 1 p. 4° (Bureau of Educational Research and Development, School Finance Section.) †
FS 5.73: P 96r
- 4634 Public school finance program, 1962-63: American Samoa; prepared by Albert R. Munse, and M. J. Senter. Nov. 1963. 1 p. 4° (Bureau of Educational Research and Development, School Finance Section.) †
FS 5.73: Am 3
- 4635 — Canal Zone; prepared by Albert R. Munse, and John S. Pettingill. Nov. 1963. 1 p. 4° (Bureau of Educational Research and Development, School Finance Section.) †
FS 5.73: C 16
- 4636 — District of Columbia; prepared by Albert R. Munse and Carl F. Hansen. Nov. 1963. 1 p. 4° (Bureau of Educational Research and Development, School Finance Section.) †
FS 5.73: D 63
- 4637 — Guam; prepared by Albert R. Munse and Thomas G. Rathbone. Nov. 1963. 1 p. 4° (Bureau of Educational Research and Development, School Finance Section.) †
FS 5.73: G 93
- 4638 — Maine; prepared by Albert R. Munse and Chester T. Booth. Nov. 1963. 8 p. 4° (Bureau of Educational Research and Development, School Finance Section.) †
FS 5.73: M 28
- 4639 — Maryland; prepared by Albert R. Munse and Paul D. Cooper. Oct. 1963. 6 p. 4° (Bureau of Educational Research and Development, School Finance Section.) †
FS 5.73: M 36/962-63
- 4640 — New Jersey; prepared by Albert R. Munse and Edward W. Kilpatrick. Nov. 1963. 7 p. 4° (Bureau of Educational Research and Development, School Finance Section.) †
FS 5.73: N 42J

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 4641 — North Carolina; prepared by Albert R. Munse and William W. Peek. Dec. 1963. 5 p. 4° (Bureau of Educational Research and Development, School Finance Section.) † FS 5.73: N 81c
- 4642 — North Dakota; prepared by Albert R. Munse and Howard J. Snortland. Feb. 1963. 4 p. 4° (Bureau of Educational Research and Development, School Finance Section.) † FS 5.73: N 81d
- 4643 — Virgin Islands; prepared by Albert R. Munse and Pedro C. Sanchez. Nov. 1963. 1 p. 4° (Bureau of Educational Research and Development, School Finance Section.) † FS 5.73: V 81
- 4644 Publications of Office of Education, 1963; revised by Martha Walpole. [Mar. 1962, revised June 1963.] [1964.] vii+76 p. (OE-11000C; Bulletin 1963, no. 29.) * Paper, 30c. ● Item 460-A-11 L.C. card HEW 64-37 FS 5.211: 11000 C
- 4645 Space and facilities for art instruction [with list of selected references; by] James L. Taylor, Mayo Bryce, Rose E. Koury. [1963.] viii+66 p. il. oblong 12° (OE-21025, Special publication 9.) [Text on p. 2 of cover.] * Paper, 65c. ● Item 460-A-21 L.C. card HEW 64-34 FS 5.221: 21025
- 4646 Special education personnel in State education departments, Sept. 1963; compiled by Romaine P. Mackie, and Lynell Todd. [1963.] 13 p. 4° (OE-35051; Education of exceptional children and youth.) † L.C. card E 55-255 FS 5.235: 35051
- 4647 State supervisors of pupil transportation, directory; [compiled by John B. Murray.] Jan. 1964. [4] p. il. 4° † FS 5.2: T 68/2/964
- 4648 Steps [Science Teaching—Exploring for excellence—Program Steps] [1964.] 8 p. 4° † FS 5.2: Sci 26
- 4649 Summer sessions in colleges and universities of United States, 1960; [by] Donald F. Warner, Bernice R. Retzlaff [and] Harold A. Haswell. [1964.] x+101 p. 4° (OE-56012; Circular 700.) [Text on p. 2 of cover.] * Paper, 65c. ● Item 460-A-56 FS 5.256: 56012
- 4650 Survey of State legislation relating to higher education, preliminary mailing, Dec. 1963. [1963.] [1]+48 p. 4° (College and University Administration Branch, Division of Higher Education.) † FS 5.2: L 52/963
- 4651 Talent, State's resource, State's responsibility, report of conference of State department of education directors of programs for the gifted, convened by Office of Education [with bibliography of selected publications relating to education of the gifted and talented]; edited by J. Ned Bryan. [1963.] vi+96 p. (OE-20048; Bulletin 1963, no. 34.) * Paper, 35c. ● Item 460-A-20 L.C. card HEW 64-16 FS 5.220: 20048
- 4652 Why industrial arts; [by] Marshall L. Schmitt. [1963.] [4]+8 p. il. narrow 8° (OE-33031.) [Adapted from article in American school board journal, Dec. 1958.] * Paper, 10c. ● Item 460-A-33 FS 5.233: 33031

EMERGENCY BOARDS (under sec. 10, Railway labor act)

- 4653 Report to the President by Emergency Board, appointed by executive order 11121 dated Oct. 9, 1963, pursuant to sec. 10 of Railway labor act, as amended, to investigate dispute between United Air Lines, Inc., and certain of its employees represented by International Association of Machinists, AFL-CIO (NMB case A-6905). Nov. 18, 1963. v+13 p. (No. 156.) † ● Item 833 L.C. card A 64-7076 NMB 1.7: 156

*For Sale by Superintendent of Documents

☞For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

EMPLOYEES' COMPENSATION APPEALS BOARD,
Labor Dept.

- 4654 Decisions of Employees' Compensation Appeals Board, v. 14, July 1, 1962-June 30, 1963. 1964. xvi+531 p. * Paper, \$1.50. ● Item 749-B
L.C. card L52-30 L 28.9: 14

EMPLOYEES' COMPENSATION BUREAU, Labor Dept.

- 4655 Federal work injury facts, number, duration, and direct cost factors of work injuries to civilian Federal employees during calendar year 1962 as reported under Federal employees' compensation act; [compile by Statistical Division]. Sept. 1963. [1]+10 leaves, oblong 8° †
L.C. card L64-27 L 26.2: In 5/4/962

EMPLOYMENT SECURITY BUREAU, Labor Dept.

BES (series).

- 4656 U-207-7. Family characteristics of long-term unemployed, report on study of claimants under temporary extended unemployment compensation program, 1961-62; [prepared by staff of Program Studies Division, Office of Program Development and Legislation, Unemployment Insurance Service]. Dec. 1963 [published 1964]. viii+178 p. il. 4° (TEUC report series 7.) [Report on exhaustees, May and Sept. 1961 and Jan. and Apr. 1962 surveys.] † ● Item 752-B
L.C. card L 62-174 L 7.61: U-207-7
- 4657 Current labor market conditions in engineering, scientific, and technical occupations; [prepared by Joseph P. Malone and Alvin W. Saile]. Sept. 1963. cover title, [3]+33 p. il. 4° (Manpower Administration.) †
L.C. card L 62-59 L 7.63/2: 963
- Industry manpower surveys. †
- 4658 106. Bituminous coal mining, labor market developments; [by James W. Higgins]. Dec. 1963. cover title, [5]+18 p. il. 4° L 7.49: 106
- 4659 Significant provisions of State unemployment insurance laws, Nov. 15, 1963. [1963.] 2+[2] p. oblong 4° † L 7.39/2: 963
- 4660 Smaller communities program [articles]. [1964.] [1]+9 p. il. 4° [Reprinted from Employment security review, Nov.-Dec. 1963.] †
L 7.18/a: C 737/2/963-2
- 4661 UI [unemployment insurance, income stabilizer]. [1963.] cover title, [16] p. il. (Manpower Administration.) [Text and another illustration on p. 2-4 of cover.] † ● Item 755 L 7.2: Un 2/17
- 4662 Your guide to farm jobs, intermountain States; prepared by Farm Labor Service. [1964.] [2] p. il. large 4° folded into narrow 12° size. †
● Item 756-B L 7.25/3: F 22/4

ENGINEERS CORPS (Army), Defense Dept.

NOTE.—Orders or requests for publications of the Engineers Corps, other than those sold by the Superintendent of Documents or by offices of the Engineers Corps in other cities, should be addressed to Chief of Engineers, U.S. Army, Washington 25, D.C., Attention Publications Office.

- 4663 Digest of decisions of Corps of Engineers Board of Contract Appeals, v. 5, Nov. 1, 1962-Nov. 30, 1963. [1964.] cover title, ix+[38] p. 4° * Paper, 35c. ● Item 334-B
L.C. card 60-61464 D 103.36: 5
- Manuals EM (series). ● Item 338-A D 103.6/3: (nos.)
- 4664 1110-1-2101. Engineering and design: Working stresses for structural design [with list of references]; Nov. 1, 1963. [1964.] cover title, ii+15 p. 4° [Issued in loose-leaf form. Rescinds EM 1110-1-2101, Jan. 6, 1958.] †

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 4665 1110-2-2000. Same: Standard practice for concrete [with list of references]. Dec. 15, 1963. cover title, vi+90+[16] p. il. 4° [Issued with perforations. Rescinds various engineer manuals and civil works engineer bulletins.] †
L.C. card 64-60370
- 4666 1110-345-161. [Engineering manual for military construction:] pt. 5, chap. 1, Mechanical design, heating, ventilating, and air conditioning. Jan. 1956], Change 4. Jan. 15, [1964]. [4] p. 4° [Issued with perforations.] †
- 4667 1110-345-228. [Engineering and design]: app. I, Pumping station for fire protection of hangars. Air Force, July 2, 1958, Change 2. Jan. 15, [1964]. 2 p. 4° [Issued with perforations.] †
- 4668 1110-345-244. Same: Incinerators, May 7, 1959, Change 2. Jan. 15, [1964]. [4] p. 4° [Issued with perforations.] †
- 4669 1110-345-331. Same: Gas distribution; Sept. 15, 1960, Change 2, Dec. 3, [1963]. [2] p. 4° [Issued with perforations.] †
- Ohio River Division Laboratories: Technical reports. (Army Engineer Division, Ohio River.) † Ohio River Division Laboratories, 5851 Mariemont Ave., Cincinnati 27, Ohio.
- 4670 4-22. Overlay test track, Sharonville, Ohio, report of construction (Sharonville no. 1): [by K. H. McKee]. July 1963. [2] leaves+ix+[120] p. il. 4° [Back title is: Report of construction, Sharonville no. 1.] †
D 103.38 : 4-22

Waterways Experiment Station.

NOTE.—Unless otherwise indicated, publications of Waterways Experiment Station may be ordered from Corps of Engineers, U.S. Army, Waterways Experiment Station, Vicksburg, Miss. (price upon application).

— Technical report.

- 4671 3-401, rp. 4. Field moisture content investigation, Aug. 1955–Mar. 1959 phase; [prepared by M. J. Mathews and Z. B. Fry]. Army-MRC Vicksburg, Miss., Nov. 1963. [1]+vii+19+[4] p. il. 4°
L.C. card 64-60330 D 103.24/2 : 3-401/rp.4

FAMILY SERVICES BUREAU, Health, Education, and Welfare Dept.

- 4672 Report of meeting on coordination in location of absent parents of children receiving aid to families with dependent children, [held on] May 28 and 29, 1963. [1964.] [2]+10+[2] p. 4° †
L.C. card HEW 64-36 FS 14.202 : P 21

FARM CREDIT ADMINISTRATION

- 4673 Report to Federal Land Bank Associations for 1963. [1963.] cover title, 12 p. 4° [Text on p. 2 of cover.] †
L.C. card 61-61722 FCA 1.23 : 963

FEDERAL AVIATION AGENCY

- 4674 Citizen's guide to aircraft noise. 1963. cover title, [2]+25 p. il. oblong 8° * Paper, 25c. ● Item 431-C-4
L.C. card 64-60371 FAA 1.8 : N 69
- Civil air regulations. [Issued with perforations.] †
- 4675 9a. Aircraft airworthiness: Surplus military aircraft; effective Jan. 10, 1964. Dec. 5, 1963. 3 p. 4° [Published in Federal register Dec. 11, 1963.]
FAA 1.6/6 : 9a
- Civil air regulations amendments. [Issued with perforations.] †
C 31.209 : (nos.)
- 4676 1-9. Certification, identification, and marking of aircraft and related products: Airworthiness certification of surplus military aircraft; effective Jan. 10, 1964. Dec. 5, 1963. 1 p. 4° [Published in Federal register Dec. 11, 1963.]
- 4677 9-1. Aircraft airworthiness, limited category: Airworthiness certification of surplus military aircraft; effective Jan. 10, 1964. Dec. 5, 1963. 1 p. 4° [Published in Federal register, Dec. 11, 1963.]
- 4678 42-2. Aircraft certification and operation rules for supplemental air carriers, commercial operators using large aircraft, and certificated route air carriers engaging in charter flights or other special services, effective Jan. 16, 1964. Jan. 9, 1964. 1 p. 4° [Published in Federal register Jan. 17, 1964.]

*For Sale by Superintendent of Documents
 †For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

Page 35

GOVERNMENT PUBLICATIONS

- 4679 Enroute IFR peak day air traffic survey, fiscal year 1963; [compiled by Statistical Services Branch, Data Systems Division, Office of Management Services]. [1964.] cover title, x+160 p. il. 4° † ● Item 431-D-4
L.C. card 62-61755 FAA 3.11: 963
- FAA handbook. [Issued in loose-leaf form.]
- 4680 AT P 7130.7: Holding pattern criteria, Change 1; [Nov. 22, 1963]. [1964.] [24] p. il. 4° [Effective Mar. 1, 1964.] † ● Item 431-C-4
FAA 1.8/2: AT P 7130.7/ch.1
Federal aviation regulations. [Issued in loose-leaf form.]
FAA 1.6/8: (nos.)
- 4681 pt. 93. Special air traffic rules and airport traffic patterns, Change 2 [effective] Oct. 14, 1963. [1964.] [4] p. 4° †
- 4682 pt. 151. Federal aid to airports, Change 2 [effective] Nov. 19 [and] 26, 1963. [1963.] [12] p. 4° †
- 4683 pt. 185. Testimony by employees and production of records in legal proceedings, Change 1, [effective] Dec. 17, 1963. [1964.] [7] p. 4° †
- Technical standard order TSO (series).
- 4684 C40b. Airborne VOR receiving equipment (for air carrier aircraft). [1963.] [85] p. il. 4° (Flight Standards Service.) [Issued with perforations. Regulations of administrator, pt. 514.] † FAA 1.38: C40b
- 4685 United States active civil aircraft by State and county, as of Jan. 1962 and Jan. 1963; [prepared by Data Systems Division, Office of Management Services]. Nov. 1963 [published 1964]. vi+85 p. il. 4° * Paper, 50c. ● Item 431-A-2
L.C. card 56-60795 FAA 1.35: 962-63

FEDERAL COMMUNICATIONS COMMISSION

- 4686 Federal Communications Commission, 29th annual report, fiscal year 1963, with summary and notation of subsequent important developments. 1963. xi+170 p. il. * Paper, 50c. ● Item 283
L.C. card 35-26977 CC 1.1: 963
- 4687 Statistics of communications common carriers for year ended Dec. 31, 1962. 1964. ix+193 p. il. [Formerly Statistics of communications industry in United States.] * Paper, 60c. ● Item 288
L.C. card 41-50610 CC 1.35: 962

FEDERAL CROP INSURANCE CORPORATION, Agriculture Dept.

- 4688 What is your cotton crop really worth to you? [Jan. 1964.] [6] p. il. narrow 8° † ● Item 71
A 62.2: C 82/6

FEDERAL HOME LOAN BANK BOARD

- 4689 Place of savings and loan association in Latin America [address]; by Joseph P. McMurray, chairman, Federal Home Loan Bank Board, Washington, D.C., 2d Inter-American Savings and Loan Meeting, Santiago, Chile, Jan. 21, 1964. [1964.] 13 p. 4° † FHL 1.23: M 22/31
- 4690 Rules and regulations for Federal savings and loan system with amendments to Oct. 31, 1963. [1963.] [1]+87 p. [Title 12, Code of Federal regulations.] †
L.C. card 33-26480 FHL 1.6: Sa 9/963

FEDERAL HOUSING ADMINISTRATION, Housing and Home Finance Agency

- 4691 29th annual report for year ended Dec. 31, 1962, Federal Housing Administration. [1963.] vi+169 p. il. 4° [Includes list of FHA publications issued in 1962. Reprinted from pt. 3, of 16th annual report of Housing and Home Financing Agency.] * Paper, \$1.00.
L.C. card 35-26124 HH 2.1: 962

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 4692 Dealers and individuals subject to provisions of sec. 201.8(b) and 201.8(d) of title 1 regulations [list]. Revised Dec. 31, 1963. [1964.] [2]+167 p. 4° [Issued with perforations.] † ● Item 589
L.C. card 63-61247 HH 2.2: D 34/963
- 4693 FHA data for selected housing areas, supplemental report on quarterly trends, characteristics of home mortgage transactions, proposed homes, 2d quarter, 1963. [Jan. 23, 1964.] 4 p. 4° (RR 250-M; Div. of Res. & Stat, Stat. Sec.) [Issued with perforations.] † HH 2.24/3: 963/1
- 4694 FHA data for States, supplemental report on quarterly trends, characteristics of home mortgage transaction, insured by FHA under sec. 203, proposed homes, 2d quarter, 1963. [Jan. 22, 1964.] 4 p. 4° (RR 250-S; Division of Research and Statistics, Statistics Section.) [Issued with perforations.] † HH 2.24/2: 963/1
- 4695 FHA regulations: [Home mortgage insurance, amendments to sec. 203]. [1963.] [6] p. ([FHA 3000-27.]) [Includes Home regulations transmittal 27, Dec. 27, 1963. Issued in loose-leaf form.] † HH 2.6: M 8 84/7/trans.27
- 4696 — [Project mortgage insurance, amendments to sec. 207, 220, 803]. [1963.] [8] p. ([FHA 4000-19.]) [Includes Project regulations transmittal 19, Dec. 27, 1963. Issued in loose-leaf form.] † HH 2.6: M 84/6/trans.19
- 4697 Household storage study, developed under technical studies program [with bibliography]; by Rudard A. Jones. July 1963 [published 1964]. [3]+46 p. il. 4° ([FHA no. 722.]) † ● Item 589
L.C. card 64-60669 HH 2.2: St 7
- 4698 Minimum property standards for multifamily housing. Nov. 1963 [published 1964]. [519] p. il. 4° ([FHA 2600.]) [Issued with perforations.] * Paper, \$2.50. ● Item 593
L.C. card 64-60590 HH 2.17/3: M 91
- 4699 Minimum property standards for urban renewal rehabilitation, 1-11 living units. [Revised Dec. 1963.] Dec. 1963 [published 1964]. [1]+ii+1-2b, 3-56 p. 4° (FHA 950.) * Paper, 40c. ● Item 593
L.C. card 64-60637 HH 2.17/3: Ur 1/963-2

FEDERAL MARITIME COMMISSION

- 4700 Annual report of Federal Maritime Commission, fiscal year 1963. [1964.] v+27 p. [Also issued as H. doc. 281, 88th Cong., 2d sess.] * Paper, 20c.
● Item 233
L.C. card 63-60652 FMC 1.1: 963
- FMC SP (series).
- 4701 64-1. Address by John Harilee, chairman, Federal Maritime Commission, before 194th annual dinner of Marine Society of New York, New York, N.Y., Jan. 13, 1964. [1964.] 4 p. 4° † FMC 1.9: 64-1

FEDERAL POWER COMMISSION

- FPC R (series).
- 4702 63. Typical electric bills, typical net monthly bills as of Jan. 1, 1963 for residential, commercial, and industrial services. [1963.] xiii+116 p. il. 4° * Paper, 60c. ● Item 438-A
L.C. card 59-64187 FP 1.10: 63
- National electric rate book, rate schedules for electric service in communities of 2,500 population or more, residential, commercial, and industrial services. [Issued with perforations.]
- NOTE.—The complete rate book is made up of separate publications, each representing a State. They are sold on subscription basis by the Superintendent of Documents, \$8.00 a year, \$3.00 additional for foreign mailing; single copy, 25c.

*For Sale by Superintendent of Documents
 ◆For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- 4703 National electric rate book: Alabama. Dec. 1963. [2]+14 p. 4° [Supersedes issue of Jan. 1963.] ● Item 437-A-1 FP 1.18: A1 1b/963-2
- 4704 ——— Arizona. Dec. 1963. [2]+8 p. 4° [Supersedes issue of May 1962.] ● Item 437-A-2 FP 1.18: Ar 4i/963
- 4705 ——— Delaware. Dec. 1963. [2]+7 p. 4° [Supersedes issue of Mar. 1962.] ● Item 437-A-7 FP 1.18: D 37/963
- 4706 ——— Louisiana. Dec. 1963. [2]+22 p. 4° [Supersedes issue of Aug. 1962.] ● Item 437-A-16 FP 1.18: L 93/963
- 4707 ——— Maryland and District of Columbia. Dec. 1963. [2]+12 p. 4° [Supersedes issue of Aug. 1962.] ● Item 437-A-18 FP 1.18: M 36/963
- 4708 ——— New Jersey. Dec. 1963. [2]+12 p. 4° [Supersedes issue of Nov. 1962.] ● Item 437-A-28 FP 1.18: N 42j/963
- 4709 ——— Tennessee. Dec. 1963. [2]+11 p. 4° [Supersedes issue of Jan. 1963.] ● Item 437-A-40 FP 1.18: T 25/963-2

FEDERAL REGISTER OFFICE, General Services Administration

Code of Federal regulations and Cumulative pocket supplements.

NOTE.—For the convenience of those who maintain complete sets of the Code of Federal regulations, arrangements have been made to supply the 1963 pocket supplements for use during 1964 and any completely revised volumes issued in 1964 on a subscription basis at \$100.00 a year, \$30.00 additional for foreign mailing. The revised volumes and supplements will be mailed as printed and all subscribers will receive expiration notices in ample time to renew their subscriptions, thus avoiding loss of continuity. The Superintendent of Documents will continue to make available the revised volumes and individual supplements for those who do not maintain complete sets.

- 4710 Code of Federal regulations, title 48 [Trade agreements and adjustment assistance programs], as of Jan. 1, 1964. [1964.] vi+115 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1964, with ancillaries. Includes list of current and superseded volumes.] * Paper, 45c. ● Item 572
L.C. card 49-46198 GS 4.108: 48/964
- 4711 Cumulative pocket supplement to Code of Federal regulations, title 26, Internal revenue, pts. 20-29, as of Jan. 1, 1964. [1964.] iv+67 p. * Paper, 40c. ● Item 572
L.C. card 49-46198 GS 4.108: 26/pt.20-29/supp.964
- 4712 ——— title 32, National defense, pts. 40-399, as of Jan. 1, 1964. [1964.] iv+171 p. * Paper, 60c. ● Item 572
L.C. card 49-46198 GS 4.108: 32/pt.40-399/supp.964
- 4713 ——— title 49, transportation, pts. 0-70, as of Jan. 1, 1964. [1964.] iv+67 p. * Paper, 40c. ● Item 572
L.C. card 49-46198 GS 4.108: 49/pt.0-70/supp.964

FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS

- 4714 All banks in United States and other areas, principal assets and liabilities, by States, Dec. 28, 1962. Apr. 1963. [4] leaves, oblong 8° (Federal Reserve statistical release; E.4(a).) † FR 1.28/2: 962-2
- 4715 Compilation of Federal and State laws relating to bank mergers; prepared in Legal Division. Apr. 1, 1962. [5]+343 p. 4° †
L.C. card 63-60996 FR 1.13/2: M 54
- 4716 Open market policy process; by Peter M. Keir. [1963.] p. 1359-70, il. 4° [Reprinted from Federal reserve bulletin, Oct. 1963.] †
FR 1.3/1a: Op 2/3
Regulation (series).
- 4717 D. Reserves of members banks, amendment, effective Jan. 29, 1964. [1964.] 1 p. †
FR 1.6: D/962/amdt.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 4718 Role of stable dollar in expanding world markets, remarks of George W. Mitchell, member, Board of Governors of Federal Reserve System at Freedom Forum 25 of National Education program, Little Rock, Ark., Feb. 6, 1964. [1964.] [1]+13 p. 4° † FR 1.23: M 69/13
- 4719 State member banks of Federal reserve system and nonmember banks that maintain clearing accounts with Federal reserve banks and corporations doing foreign banking or financing that maintain reserve accounts with Federal reserve banks as of Dec. 31, 1963. [1964.] [1]+19 p. 4° † L.C. card 54-34253 FR 1.11/5: 963
- 4720 Statement of William McChesney Martin, jr., chairman, Board of Governors of Federal Reserve System before Subcommittee on Domestic Finance of Committee on Banking and Currency, House of Representatives, Jan. 21, 1964. [1964.] [1]+14 p. 4° † FR 1.23: M 36/15

FEDERAL SUPPLY SERVICE, General Services Administration

- 4721 Federal specifications. ● Item 563 GS 2.8:
 NOTE.—These specifications are now so completely covered by the Index of Federal specifications, standards, and handbooks with cumulative monthly supplements, that listing in the Monthly Catalog of United States Government Publications represents unnecessary and wasteful duplication of effort. For that reason they will no longer be listed.
 Complete information on the Index of Federal specifications will be found in the Appendix to the February 1964 issue of the Monthly Catalog under Entry number 3585.
 Federal standards. [Issued with perforations.] ● Item 563 GS 2.8/3: (nos.)
 NOTE.—Federal standards may be purchased from the General Services Administration, Business Service Center, Region 3, 7th and D Streets, S.W., Washington, D.C. 20407. All checks and money orders should be made payable to the Treasurer of the United States. Single copies are available without charge at the nearest GSA regional office.
- 4722 25. Settee, wood, general office, cancellation; Dec. 5, 1963. 1964. 1 p. 4° [AA-S-256, issue in effect.] †
- 4723 209. Clean room and work station requirements, controlled environment. Dec. 16, 1963. 21 p. il. 4° † Paper, 15c.
- 4724 245b. Tolerances for aluminum alloy and magnesium alloy wrought products; Dec. 12, 1963. [1963.] [42] p. il. 4° [Supersedes Fed. std. 245a, Feb. 15, 1961.] † Paper, 25c.
- 4725 Federal stock number reference catalog, numerical listing of items available from General Services Administration. Jan. 1964. 2 pts. [Supersedes Federal stock number catalog of Federal supply schedule items and selected National buying program items, Sept. 1962.] † ● Item 565-B
 pt. 1. FSC 1330-5210. cover title, [6]+447 p. oblong 8°
 pt. 2. FSC 5305-9925. cover title, 449-779 p. oblong 8°

FEDERAL TRADE COMMISSION

- 4726 Guides against deceptive pricing [adopted Dec. 20, 1963]; effective Jan. 8, 1964. [1963.] [2]+6 p. [Supersede Guides adopted Oct. 2, 1959.] † L.C. card 64-60671 FT 1.8/2: P 93
- 4727 Organization, procedures, rules of practice, and statutes. Aug. 1963. cover title, viii+230 p. il. * Paper, 65c. ● Item 538 L.C. card 64-60340 FT 1.7: 963

FISH AND WILDLIFE SERVICE, Interior Dept.

Circular.

- 4728 159. Trout feeds and feeding [with list of literature cited]; by Arthur M. Phillips, jr., A. V. Tunison, and George C. Balzer. Oct. 1963. iv+38 p. 4° (Bureau of Sport Fisheries and Wildlife.) [Illustration on front cover.] * Paper, 30c. ● Item 609 L.C. card 64-60408 I 49.4: 159

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

Page 39

GOVERNMENT PUBLICATIONS

- Commercial fisheries review, separates. † I 49.10/a: (nos.)
- 4729 680. Mechanizing blue crab industry: pt. 1, Survey of processing plants; by Charles F. Lee, George M. Knobl, jr., and Emmett F. Deady. [1963.] 10 p. il. 4° [From v. 25, no. 7, July 1963.]
- 4730 682. Development of John N. Cobb, pelagic trawl, progress report [with list of literature cited]; by Richard L. McNeely. [1964.] p. 17-27 il. 4° [From v. 25, no. 7, July 1963.]
- 4731 684. Activation of Bureau of Commercial Fisheries research vessel George B. Kelez; by Robert R. French. [1963.] p. 6-13, il. 4° [From v. 25, no. 8, Aug. 1963.]
- 4732 687. Trends and developments: Fishing vessel and gear developments. Equipment note 14, light box for photographing fish and invertebrates at sea; [by Lael L. Ronholt]. [1963.] p. 8-11, il. 4° [From v. 25, no. 9, Sept. 1963.]
- 4733 688. Foreign fisheries briefs. [1963.] p. 97-99, il. 4° [From v. 25, no. 9, Sept. 1963.]
- Fishery leaflets. † I 49.28: (nos.)
- 4734 336. Commercial fisheries outlook, Oct.-Dec. 1963. [Oct. 1963.] 4 p. 4° (Bureau of Commercial Fisheries.)
- 4735 556. Saltonstall-Kennedy act, as amended, (excerpt from title 15 of United States Code). Sept. 1963. 3 p. 4° (Bureau of Commercial Fisheries [MS 1323.]
- 4736 559. Instructions for typing manuscripts to be printed at Government Printing Office (with exceptions for manuscripts to be processed.) Sept. 1963. 8 p. 4° (Bureau of Commercial Fisheries [MS 1331.]) [Revision of Fishery leaflet 483.]
- Refuge leaflet. †
- 4737 28. Laguna Atascosa National Wildlife Refuge. [Revised Dec. 1963.] [1964.] 2 p. il. 4° (Bureau of Sport Fisheries and Wildlife.) I 49.44: 28/2
- SL [statistical list] series. (Bureau of Commercial Fisheries.) † I 49.42: (nos.)
- 4738 32. Wholesale dealers in fishery products, Minnesota, 1962 (Mississippi River and tributaries). Revised [edition]. [Nov. 7, 1963.] 2 p. 4°
- 4739 36. Wholesale dealers in fishery products, Iowa, 1962 (Mississippi River and tributaries). Revised [edition]. [Nov. 7, 1963.] 2 p. 4°
- Special scientific reports: Fisheries (series). † I 49.15/2: (nos.)
- 4740 422. Records and observations from plankton grid studies off Baja California, Apr. 1952 [with list of literature cited]; by David Kramer. Sept. 1963. iii+42 p. il. 4° (Bureau of Commercial Fisheries.)
- 4741 444. Northeast Pacific albacore oceanography survey, 1961 [with list of literature cited]; by R. W. Owen, jr. Nov. 1963. iv+35 p. il. 4° (Bureau of Commercial Fisheries.) [Revised page iv issued also.]
- 4742 445. Factors influencing return of fall Chinook salmon (*Oncorhynchus tshawytscha*) to Spring Creek Hatchery [with list of literature cited]; by Charles O. Junge, jr., and Lloyd A. Phinney. June 1963. iv+32 p. il. 4° (Bureau of Commercial Fisheries.) [Contribution 151, College of Fisheries, University of Washington.]
- 4743 448. Crab larvae (*Callinectes*), in plankton collections from cruises of M/V Theodore N. Gill, south Atlantic Coast of United States, 1953-54; [with list of literature cited]; by Paul R. Nichols and Peggy M. Keney. Oct. 1963. iii+14 p. il. 4° (Bureau of Commercial Fisheries.)
- 4744 450. Molt in northern fur seal [with list of literature cited]; by Victor B. Scheffer and Ancel M. Johnson. Oct. 1963. iii+34 p. il. 4° (Bureau of Commercial Fisheries.)
- 4745 455. Counts of Red-tide organisms, *Gymnodinium breve*, and associated oceanographic data from Florida west coast, 1960-61; [with list of literature cited]; by Alexander Dragovich [and others]. Oct. 1963. iii+40 p. il. 4° (Bureau of Commercial Fisheries.)
- Wildlife (series). †
- 4746 76. Woodcock status report, 1963; compiled by Fant W. Martin. Sept. 1963. iv+43 p. 4° (Bureau of Sport Fisheries and Wildlife.) [Illustration on p. 1 of cover.] I 49.15/3: 76
- Wildlife leaflet. †
- 4747 457. 1963 address list of refuge managers; compiled in Branch of Wildlife Refuges. Oct. 1963. 11 p. 4° (Bureau of Sport Fisheries and Wildlife.) I 49.13: 457

FLIGHT STANDARDS SERVICE, Federal Aviation Agency

- 4748 Helicopter pilot examination guide, private, commercial, flight instructor [with list of recommended study materials; effective No. 1, 1963]. Nov.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

MARCH 1964

1, 1963. cover title, [35] p. 4° (Advisory circular, AC 61-5.) [Issued with perforations.] † ● Item 431-F-3 FAA 5.8/2: P 64/6

FOOD AND DRUG ADMINISTRATION, Health, Education, and Welfare Dept.

F.D.C. regs.

- 4749 pt. 19. Cheeses and cheese products, definitions and standards under Federal food, drug and cosmetic act. Reprinted Nov. 1959. [105] p. 4° [Unofficial print. Title 21 Code of Federal regulations. Includes revised pages with amendments published in Federal register to June 5, 1963. Issued in looseleaf form. Revised pages 28, 30, and 32, amendments published in Federal register Aug. 20, 1963, issued also.] * Paper, 25c.
FS 13.106/2: 19/3

FOREIGN AGRICULTURAL SERVICE, Agriculture Dept.

- 4750 Prospects for foreign trade in tobacco. Jan. 1964. cover title, 21 p. il. 4° [Includes list of recent publications. Text on p. 2 of cover. Page 21, last page of text, appears on p. 3 of cover.] †
L.C. card 60-60657 A 67.30: T 55/964

FREER GALLERY OF ART, Smithsonian Institution

- 4751 *Ars orientalis, arts of Islam and the East*, v. 5, Archibald Gibson Wenley memorial volume [articles; edited by Oleg Graber and others]. [Port City Press, Inc., Baltimore, Md.], 1963. vii+354 p. il. 205 pl. 4° ([Smithsonian publication 4540.]) [Prepared in cooperation with Department of History of Art, University of Michigan. Text in English and other languages.] † Cloth, \$31.00.
L.C. card 54-14692 SI 7.2: Ar 7/v.5

GENERAL ACCOUNTING OFFICE

- 4752 Improvement of financial management in United States Government, progress 1948-63. [1964.] vi+102 p. il. [Title on cover is: Joint financial management improvement program, 15 years of progress.] * Paper, 35c.
● Item 546-A
L.C. card 64-60557 GA 1.12: 948-63
- 4753 Report to Congress of United States: Audit of Commodity Credit Corporation, Department of Agriculture, fiscal year 1962; by Comptroller General of United States. Jan. 1964. cover title, [3] leaves+68 p. 4° † (Very limited distribution).
L.C. card 50-61316 GA 1.13: C 73/962
- 4754 — Audit of Farm Credit Administration, fiscal year 1963; by Comptroller General of United States. Jan. 1964. [5]+78 leaves 4° † (Very limited distribution).
L.C. card 47-46657 GA 1.13: F 22/963
- 4755 — Audit of Inland Waterways Corporation, fiscal year 1963; by Comptroller General of United States. Feb. 1964. cover title, [2] leaves+17 p. 4° † (Very limited distribution).
L.C. card 47-32076 GA 1.13: In 5/963
- 4756 — Erroneous purchase of technical data package from Westinghouse Electric Corporation for \$1,010,000, Department of Navy; by Comptroller General of United States. Dec. 1963. cover title, [4] leaves+59 p. 4° † (Very limited distribution).
L.C. card 64-60358 GA 1.13: D 26
- 4757 — Excessive charges for components for M60 tanks under contract with Chrysler Corporation, Detroit, Mich., Department of Army; by Comptroller General of United States. Jan. 1964. cover title, [3] leaves+14 p. 4° † (Very limited distribution).
L.C. card 64-60550 GA 1.13: T 15/2

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- 4758 — Excessive cost of leasing compared with buying certain electronic data processing equipment at Kirtland Air Force Base, N. Mex., Department of Air Force; by Comptroller General of United States. Dec. 1963. cover title, [3] leaves+20 p. 4° † (Very limited distribution).
L.C. card 64-60302 GA 1.13: E1 2/13
- 4759 — Excessive price paid for propulsion reduction gears purchased from Westinghouse Electric Corporation, Sunnyvale, Calif., Department of Navy; by Comptroller General of United States. Dec. 1963. cover title, [3] leaves+21 p. 4° † (Very limited distribution).
L.C. card 64-60657 GA 1.13: G 26
- 4760 — Further comments on desirability of establishing more equitable arrangement between Federal Government and commercial banks maintaining Treasury Department tax and loan accounts; by Comptroller General of United States. Dec. 1963. cover title, [3] leaves+41 p. il. 4° † (Very limited distribution).
L.C. card 64-60301 GA 1.13: B 22
- 4761 — High costs pertaining to sites for selected low-rent housing projects in area administered by San Francisco regional office, Public Housing Administration, Housing and Home Finance Agency; by Comptroller General of United States. Dec. 1963. cover title, [3] leaves+35 p. 4° † (Very limited distribution).
L.C. card 64-60658 GA 1.13: H 81/21
- 4762 — Improper disposition of refunds of group insurance premiums by Grumman Aircraft Engineering Corporation, Bethpage, N.Y., Department of Navy; by Comptroller General of United States. Jan. 1964. cover title, [3] leaves+26 p. 4° † (Very limited distribution).
L.C. card 64-60389 GA 1.13: G 92/2
- 4763 — Inadequacies in administration of Federal grants under title 3 of National defense education act of 1958, Department of Health, Education, and Welfare; by Comptroller General of United States. Jan. 1964. cover title, [4] leaves+51 p. 4° † (Very limited distribution).
L.C. card 64-60392 GA 1.13: Ed 8/3
- 4764 — Inadequate collection procedures and other weaknesses in administration of programs for making advances for public works planning, Community Facilities Administration, Housing and Home Finance Agency; by Comptroller General of United States. Dec. 1963. cover title, [3] leaves+57 p. 4° † (Very limited distribution).
L.C. card 64-60328 GA 1.13: P 96/8
- 4765 — Inadequate management action to avoid excessive costs of milk procurement by hospitals and domiciliaries, Veterans Administration; by Comptroller General of United States. Jan. 1964. cover title, [3] leaves+13 p. 4° † (Very limited distribution).
L.C. card 64-60393 GA 1.13: M 59/6
- 4766 — Increased costs resulting from procurement of spare parts under contracts for related aeronautical equipment, Department of Air Force; by Comptroller General of United States. Jan. 1964. cover title, [3] leaves+28 p. 4° † (Very limited distribution).
L.C. card 64-60390 GA 1.13: Ae 8/6
- 4767 — Overbuying and unnecessary overhaul costs resulting from failure of Air Force to follow Navy's practice of separating accessories from spare reciprocating aircraft engines, Department of Air Force; by Comptroller General of United States. Jan. 1964. cover title, [4] leaves+25 p. 4° † (Very limited distribution).
L.C. card 64-60391 GA 1.13: En 3/4
- 4768 — Overestimated costs included in prices negotiated for modification of aircraft engine test stands under fixed-price contracts with Space

*For Sale by Superintendent of Documents
 †Distribution Made by Issuing Office
 ‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

MARCH 1964

Corporation, Dallas, Tex., Department of Air Force; by Comptroller General of United States. Dec. 1963. cover title, [4] leaves+40 p. 4°
 † (Very limited distribution).
 L.C. card 64-60327

GA 1.13: Ai 7/43

4769 — Review of certain activities of governments of Virgin Islands of United States, fiscal year 1962; by Comptroller General of United States. Jan. 1964. cover title [3] leaves+56 p. 4° † (Very limited distribution).

L.C. card 61-61639

GA 1.13: V 61/963

4770 — Unnecessary procurement initiated for 9,000-Btu air conditioners, Department of Army; by Comptroller General of United States. Jan. 1964. cover title, [3] leaves+14 p. 4° † (Very limited distribution).
 L.C. card 64-60410

GA 1.13: Ai 7/44

GENERAL SERVICES ADMINISTRATION

4771 Annual report of Administrator of General Services, [fiscal year] 1963. [1964.] viii+77 p. il. ‡ ● Item 558
 L.C. card 50-60567

GS 1.1: 963

4772 Federal Fire Council [special meeting], minutes of meeting Nov. 6, 1963, Staff Program Management as related to fire safety, Council's Fire Safety Reference Library [with list of publications]. [1964.] cover title, vii+23 p. il. 4° †
 L.C. card 50-33430

GS 1.14/3: 963-2

4773 Federal fire experience for fiscal year 1962. [1964.] cover title, vii+20 p. 4° (Federal Fire Council.) †
 L.C. card 57-61373

GS 1.14/2: 962

4774 Sites for Federal buildings, how and why your Government acquires land for Federal buildings, GSA information. [1963.] cover title, 20 p. il. oblong 32° [Text and other illustrations on p. 2 and 3 of cover.] †
 ● Item 559
 L.C. card 64-60670

GS 1.2: B 86/2

GEOLOGICAL SURVEY, Interior Dept.

Bulletins. ● Item 620 I 19.3: (nos.)

4775 1141-M. Geology of Jarbidge quadrangle, Nev.-Idaho [with list of references cited]; by Robert R. Coats. 1964. iii+24 p. 1 pl. in pocket. [Prepared on behalf of Atomic Energy Commission. Contributions to general geology. Plate is colored.] * Paper, 75c.

4776 1141-Q. Geology of Reliz Canyon, Thompson Canyon, and San Lucas quadrangles, Monterey County, Calif. [with list of references]; by David L. Durham. 1963. iv+41+[3] p. il. 5 pl. in pocket. [Study of stratigraphy and structure of Cenozoic sedimentary rocks in part of Salinas Valley, Calif. Contributions to general geology. Some plates are colored.] * Paper, \$2.75.

4777 1161-C. Nonopaque heavy minerals in sandstone of Jurassic and Cretaceous age in Black Hills, Wyo. and S. Dak [with list of references cited]; by W. J. Mapel, W. A. Chisholm, R. E. Bergenback. 1964. iv+59 p. il. 2 pl. in pocket. [Prepared on behalf of Atomic Energy Commission. Contributions to general geology.] * Paper, 60c.

4778 1161-D. Geologic reconnaissance of Antelope-Ashwood area, north-central Oregon, with emphasis on John Day formation of late Oligocene and early Miocene age [with list of references cited]; by Dallas L. Peck. 1964. iii+26 p. il. 1 pl. in pocket. [Prepared in cooperation with Oregon. Department of Geology and Mineral Industries. Contributions to general geology. Plate is colored.] * Paper, 65c.

4779 1171. Hawaiian volcanoes during 1955 [with list of literature cited]; by Gordon A. Macdonald and Jerry P. Eaton. 1964. vi+170 p. il. 5 pl. in pocket. * Paper, \$1.00.
 L.C. card GS 64-186

4780 1181-D. Curecanti pluton, unusual intrusive body in Black Canyon of the Gunnison, Colo. [with list of references]; by Wallace R. Hansen. 1964. iii+15 p. il. [Petrographic and spatial relations of discordant pluton, and explanation of its origin. Contributions to general geology.] * Paper, 15c.

*For Sale by Superintendent of Documents

⊕For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

Bulletins—Continued

- 4781 1182-D. Relations between specific gravity and iron content of rocks from Red Mountain formation, Ala. [with list of references cited]; by Richard P. Sheldon. 1964. iii+17 p. il. [Bulk specific gravity can be used to determine approximate iron content of iron ores. Contributions to economic geology.] * Paper, 15c.
- 4782 Long range plan for resources surveys, investigations and research programs of Geological Survey. 1964. iv+76 p. il. 4° [Some illustrations are colored.] † ● Item 621
L.C. card GS-64-188 I 19.2: R 31

Professional papers. ● Item 624

I 19.16: (nos.)

- 4783 297-E. Geology and mineral deposits of some pegmatites in southern Black Hills, S. Dak [with list of references cited]; by James J. Norton and others. 1964. iv+293-341 p. il. 10 pl. in pocket 4° [Pegmatites and other Precambrian rocks in southern Black Hills.] * Paper, \$1.25.
- 4784 344-C. Metamorphism of Belt series in Elk River-Clarkia area, Idaho [with list of references cited]; by Anna Hietanen. 1963. iv+49 p. il. 1 pl. in pocket, 4° [Petrologic study of moderately and highly metamorphosed equivalents of Belt series. Metamorphic and igneous rocks along northwest border zone of Idaho batholith. Plate is colored.] * Paper, \$1.25.
- 4785 344-D. Idaho batholith near Pierce and Bungalow, Clearwater County, Idaho [with list of references cited]; by Anna Hietanen. 1963. iv+42 p. il. 3 pl. in pocket, 4° [Petrologic study of igneous rocks in northwestern corner of Idaho batholith. Metamorphic and igneous rocks along northwest border zone of Idaho batholith. Two plates are colored.] * Paper, \$1.50.
- 4786 346. Belt series in Montana [with list of references cited]; by Clyde P. Ross, with geologic map compiled by Betty A. L. Skipp, and section on Paleontologic criteria by Richard Rezak. 1963. v+122 p. il. and portfolio of 6 pl. and 1 tab. [Data on Belt series in Montana, and related rocks, with stratigraphic classification. Plates are colored.] * Paper, \$6.00.
L.C. card GS 64-174
- 4787 372-B. General effects of drought on water resources of Southwest [with list of references cited]; by J. S. Gatewood [and others]. 1964. iii+55 p. il. 1 pl. in pocket, 4° [Drought in Southwest, 1942-56.] * Paper, 60c.
- 4788 408. Geology of Cerro Gordo mining district, Inyo County, Calif. [with list of references cited]; by C. W. Merriam. 1963. iv+84 p. il. 5 pl. in pocket, 4° [Prepared in cooperation with California, Department of Natural Resources, Division of Mines. Two plates are colored.] * Paper, \$1.50.
L.C. card GS 64-169
- 4789 411-E. Multiphase fluids in porous media, review of theories pertinent to hydrologic studies [with list of references]; by Robert W. Stallman. 1964. iv+51 p. il. 4° [Fluid movement in earth materials.] * Paper, 40c.
- 4790 419. Miocene marine mollusks from Astoria formation in Oregon [with list of references cited]; by Ellen James Moore. 1963. iv+109+[2] p. il. 33 pl. 1 is in pocket, 1 tab. in pocket 4° [Systematics and relationships of mollusks of Astoria formation in Oregon; 97 species representing 45 families are described; 11 species are new.] * Paper, \$2.75.
L.C. card GS 64-176
- 4791 422-A. Morphology and hydrology of glacial stream, White River, Mount Rainier, Wash. [with selected bibliography]; by Robert K. Fahnestock. 1963. iv+70 p. il. 4° [Study of hydraulic and morphologic processes by which valley train is formed by proglacial stream. Physiographic and hydraulic studies of rivers.] * Paper, 55c.
- 4792 427-A. Description of physical environment and strip-mining operations in parts of Beaver Creek basin, Ky.; by John J. Musser. 1963. iii+25 p. il. 7 pl. in pocket, 4° [Prepared in cooperation with Kentucky and with Federal agencies. Hydrologic influences of strip mining.] * Paper, \$2.25.
- 4793 428. Geology and mineral deposits of Jefferson City quadrangle, Jefferson and Lewis and Clark Counties, Mont. [with list of references cited]; by George E. Becraft, Darrell M. Pinckney, and Sam Rosenblum. 1963. iv+101 p. il. and portfolio of 18 pl. 4° [Prepared partly on behalf of Atomic Energy Commission. One plate is colored.] * Paper, \$5.00.
L.C. card GS 64-168
- 4794 433-B. Dispersion of dissolved or suspended materials in flowing streams [with list of selected references]; by Robert E. Glover. 1964. iii+32 p. il. 4° [Prepared in cooperation with Atomic Energy Commission. Transport of radio-nuclides by streams.] * Paper, 30c.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 4795 439. Altered wallrocks in central part of Front Range mineral belt, Gilpin and Clear Creek Counties, Colo. [with list of literature cited]; by E. W. Tooker. 1963. v+102 p. il. 1 pl. in pocket, 4° [Prepared on behalf of Atomic Energy Commission.] * Paper, \$1.00.
L.C. card GS 64-170
- 4796 444. Geology of Mount Rainier National Park, Wash. [with list of references cited]; by Richard S. Fiske, Clifford A. Hopson, and Aaron C. Waters. 1963. vi+93 p. il. 1 pl. in pocket, 4° [Prepared in cooperation with Mountain Rainier Natural History Association. Plate is colored.] * Paper, \$1.75.
L.C. card GS 64-179
- 4797 455-A-F. Geology of uranium-bearing veins in conterminous United States: Introduction to geology of uranium-bearing veins, including sections on geographic distribution and classification of veins, Age of uranium-bearing veins; Host rocks and their alterations as related to uranium-bearing veins; Mineralogy, internal structural and textural characteristics, and paragenesis of uranium-bearing veins; Supergene alteration of uranium-bearing veins; Concepts of origin of uranium-bearing veins [with lists of literature cited]; by George W. Walker, Frank W. Osterwald, and John W. Adams]. 1963. [xxvi]+120 p. il. 1 pl. in pocket, 4° [Prepared on behalf of Atomic Energy Commission.] * Paper, \$1.50.
- 4798 483-B. Devonian colonial coral genus *Billingsastraea* and its earliest known species [with list of references cited]; by William A. Oliver, jr. 1964. iii+5+[2] p. 2 pl. 4° [Geographic and stratigraphic distribution of *Billingsastraea* with redescription of *B. affinis* its earliest known species. Contributions to paleontology.] * Paper, 20c.
- Water-supply papers. ● Item 625 I 19.13: (nos.)
- 4799 1498-F. Study of fluvial characteristics and hydraulic variables, middle Rio Grande, N. Mex. [with list of literature cited]; by James K. Culbertson and David R. Dawdy. 1964. vi+74 p. il. [Studies of flow in alluvial channels.] * Paper, 30c.
- 4800 1499-D. Water resources of Albany-Schenectady-Troy area, N.Y. [with list of selected references]; by H. N. Halberg, O. P. Hunt, and F. H. Pauszek. 1964. v+64 p. il. 2 pl. in pocket. [Prepared in cooperation with State of New York and Army, Corps of Engineers. Water resources of industrial areas. One plate is colored.] * Paper, 65c.
- 4801 1499-E. Water resources of Flint area, Mich. [with list of selected references]; by S. W. Wiitala, K. E. Vanler, and R. A. Krieger. 1963. viii+86 p. il. 6 pl. in pocket. [Guide for initial location or expansion of industrial and municipal facilities and aid to defense planning and location of emergency water supplies. Water resources of industrial areas. One plate is colored.] * Paper, \$1.00.
- 4802 1499-G. Water resources of Green Bay area, Wis. [with selected bibliography]; by Doyle B. Knowles, Frederick C. Dreher, and George W. Whetstone. 1964. v+67 p. il. 1 pl. in pocket. [Summary of source, occurrence, availability, and use of water in area. Water resources of industrial regions.] * Paper, 75c.
- 4803 1530. Summary of floods in United States during 1956 [with list of literature cited]. 1964. vi+85 p. il. [Prepared in cooperation with Federal, State, and local agencies. Floods of 1956.] * Paper, 35c.
L.C. card GS 64-190
- 4804 1532-B. Hydrologic and biotic characteristics of grazed and ungrazed watersheds of Badger Wash Basin in western Colorado, 1953-58 [with list of references cited]; by Gregg C. Lusby [and others]. 1963. v+73 p. il. 1 pl. in pocket. [Prepared in collaboration with Department of Agriculture, Forest Service, Department of Interior, Fish and Wildlife Service, Bureau of Land Management, and Bureau of Reclamation. Hydrologic effects of land use.] * Paper, 50c.
- 4805 1535-H. Field measurement of alkalinity and pH [with list of references cited]; by Ivan Barnes. 1964. iii+17 p. il. [Method for determinations of pH in field and of end points for alkalinity titrations. Geochemistry of water.] * Paper, 15c.
- 4806 1545-C. Shortcuts and special problems in aquifer tests [articles, with list of references]; compiled by Ray Bentall. 1963. ix+117 p. il. 4 pl. in pocket [Methods of aquifer tests.] * Paper, 75c.
- 4807 1595. Effects of hydraulic and geologic factors on streamflow of Yakima River basin, Wash. [with list of selected references]; by Hallard B. Kinnison and Jack E. Sceva. 1963. vii+134 p. il. 3 pl. in pocket. [Evaluation of streamflow records as index to basin runoff. One plate is colored.] * Paper, \$1.75.
L.C. card GS 64-189
- 4808 1611. Salt-water encroachment, geology and ground-water resources of Savannah area, Georgia and South Carolina [with list of selected references]; by Harlan B. Counts and Ellis Donsky. 1963. v+100+[1] p. il. 6 pl. in pocket [Prepared in cooperation with Georgia Department of Mines, Mining and Geology, city of Savannah, and Chatham County, Ga.] * Paper, \$1.00.
L.C. card GS 64-165

*For Sale by Superintendent of Documents

☛For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

Water-supply papers—Continued

- 4809 1615-B. Hydrogeology of part of Grand Prairie region, Ark. [with selected bibliography]; by Richard T. Sniogocki. 1964. iv+72 p. il. 8 pl. in pocket. [Prepared in cooperation with Army, Corps of Engineers, and University of Arkansas. Artificial recharge of ground water, Grand Prairie region, Ark.] * Paper, \$1.75.
- 4810 1651. Chemical quality of surface waters and sedimentation in Saline River basin, Kans. [with list of literature cited]; by Paul R. Jordan, Blair F. Jones, and Lester R. Petri. 1964. v+90+[1] p. il. 5 pl. in pocket. [Prepared as part of program of Department of Interior for development of Missouri River basin.] * Paper, \$1.00.
L.C. card GS 64-177
- 4811 1665. Geology and ground-water resources of McMullen Valley, Maricopa, Yavapai, and Yuma Counties, Ariz. [with list of references]; by William Kam. 1964. iv+64 p. il. 6 pl. in pocket. [Prepared in cooperation with Arizona State Land Department.] * Paper, 60c.
L.C. card GS 64-173
- 4812 1668. Sediment transported by Georgia streams [with list of references cited]; by Vance C. Kennedy. 1964. vii+101 p. il. [Prepared in cooperation with Georgia Department of Mines, Mining, and Geology.] * Paper, 35c.
L.C. card GS 64-183
- 4813 1669-A. Geology and ground-water conditions in southern part of Camp Ripley Military Reservation, Morrison County, Minn. [with list of selected references]; by J. R. Jones, P. D. Akin, and Robert Schneider. 1963. iv+32 p. il. 3 pl. in pocket. [Prepared in cooperation with National Guard Bureau. Contributions to hydrology of United States.] * Paper, \$1.00.
- 4814 1669-F. Ground-water conditions in Rainbow Valley and Waterman Wash areas, Maricopa and Pinal Counties, Ariz. [with list of references cited]; by Natalie D. White. 1963. iv+50 p. il. 4 pl. in pocket. [Prepared in cooperation with Bureau of Land Management. Contributions to hydrology of United States.] * Paper, 70c.
- 4815 1669-AA. Ground-water resources of lower Mesilla Valley, Tex. and N. Mex. [with list of selected references]; by E. R. Leggat, M. E. Lowry, and J. W. Hood. 1963. iv+49 p. il. 8 pl. in pocket. [Prepared in cooperation with Texas Water Commission and El Paso. Contributions to hydrology of United States.] * Paper, \$1.75.
- 4816 1676. Magnitude and frequency of floods in United States: pt. 3-B, Cumberland and Tennessee River basins [with list of selected references]; by Paul R. Speer and Charles R. Gamble. 1964. xii+340 p. il. 2 pl. in pocket. * Paper, \$1.50.
L.C. card GS 64-190
- 4817 1681. Magnitude and frequency of floods in United States: pt. 7, Lower Mississippi River basin [with selected bibliography]; by James L. Paterson. 1964. xx+636 p. il. 1 pl. in pocket. * Paper, \$2.75.
L.C. card GS 64-192
- 4818 1689. Magnitude and frequency of floods in United States: pt. 14, Pacific slope basins in Oregon and Lower Columbia River Basin [with list of selected references]; by Harry Hulsing and N. A. Kallio. 1964. xiii+320 p. il. 5 pl. in pocket. * Paper, \$2.75.
L.C. card GS 64-192
- 4819 1699. Quality of surface waters for irrigation, Western States, 1959 [with list of selected references; prepared by personnel of Water Resources Division]. 1963. vii+147 p. il. pl. * Paper, 70c.
L.C. card GS 64-175
- 4820 1734. Compilation of records of surface waters of United States, Oct. 1950-Sept. 1960: pt. 10, Great Basin; [prepared in Water Resources Division]. 1963. ix+282 p. il. 1 pl. in pocket. * Paper, \$1.75.
L.C. card GS 64-191
- 4821 1737. Compilation of records of surface waters of United States; Oct. 1950 to Sept. 1960; pt. 13, Snake River basin; [prepared in Water Resources Division]. 1963. ix+282 p. il. 1 pl. in pocket. * Paper, \$1.75.
L.C. card GS 64-191
- 4822 1738. Compilation of records of surface waters of United States, Oct. 1950-Sept. 1960: pt. 14, Pacific slope basins in Oregon and lower Columbia River basin; [prepared in Water Resources Division]. 1963. xi+327 p. il. 1 pl. in pocket. * Paper, \$2.00.
L.C. card GS 64-191
- 4823 1756. Ground-water resources of southern New Castle County, Del. [with list of references]; by D. R. Rima, O. J. Coskery, and P. W. Anderson. 1964. v+54 p. il. 2 pl. in pocket. [Prepared in cooperation with Delaware Geological Survey.] * Paper, 70c.
L.C. card GS 64-172
- 4824 1779-C. Chemical quality of surface water in West Branch Susquehanna River basin, Pa. [with list of references]; by E. F. McCarren. 1964. iv+40 p. il. 1 pl. in pocket. [Prepared in cooperation with Pennsylvania Department of Forests and Waters. Contributions to hydrology of United States.] * Paper, 55c.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

HEALTH, EDUCATION, AND WELFARE DEPARTMENT

- 4825 Clean air act (P.L. 88-206) ; [prepared by Thomas F. Williams and Dean W. Coston]. [1964.] [2]+8 p. il. 4° [Preprint from Jan. 1964, Health, education, and welfare indicators. Distributed by Division of Air Pollution, Public Health Service.] † FS 1.20/a : Ai 71/2
- 4826 New approaches to mental retardation and mental illness, White House Conference, 1963 legislation, programs and activities. [1963.] cover title, p. v-liv, il. 4° [Text on p. 2 of cover. Reprint from Health, education, and welfare indicators, Nov. 1963.] * Paper, 35c. FS 1.20/a : M 528/2

HOUSING AND HOME FINANCE AGENCY

- 4827 Senior citizens and how they live, analysis of 1960 census data : pt. 2, aging nonwhite and his housing; [prepared by E. Everett Ashley, 3d]. Nov. 1963. cover title, [1]+4+[5] p. 4° (Office of Administrator.) † L.C. card 63-61066 HH 1.2 : Se 5/3/pt.2

IMMIGRATION AND NATURALIZATION SERVICE, Justice Dept.

- 4828 Border patrol, its origin and its work. [1964.] cover title, 14 p. il. narrow 8° (M-157 (1963).) † ● Item 725 J 21.2 : B 64
- 4829 Report of passenger travel between United States and foreign countries, year ended June 30, 1963. [1964.] 6 leaves, 4° † L.C. card 63-60646 J 21.13 : 963

INFORMATION OFFICE, Agriculture Dept.

List (series). †

- 4830 5. Popular publications for farmer, suburbanite, homemaker, consumer. [1964.] iv+25 p. il. narrow 8° ● Item 91 L.C. card 59-22775 A 21.9/8 : 5/16

INTERIOR DEPARTMENT

- 4831 Digest of decisions of Department of Interior in cases relating to public lands, also tables of cases reported, cited, and overruled, acts of Congress, revised statutes and U.S. code cited and construed, Executive orders and proclamations, circulars, and rules of practice cited and construed, v. 51-61; compiled by Elsie M. Kimball. 1963. pt. 2, iii+251 p. * Cloth, \$1.75. ● Item 602 L.C. card 27-26422 I 1.69/3 : 51-61/pt.2

INTERNAL REVENUE SERVICE, Treasury Dept.

- 4832 Alcohol and tobacco, summary statistics, fiscal year 1963, distilled spirits, wine, beer, tobacco, enforcement, taxes, production, withdrawal, stocks. [1964.] vii+84 p. 4° (Publication 67(1963).) * Paper, 50c. ● Item 964-A L.C. card 54-61854 T 22.43 : 963
- 4833 Careers. [1963.] cover title, 24 p. il. oblong 12° ([Document 5282 (rev. 10-63).]) [Some illustrations are colored.] † ● Item 956 T 22.2 : C 18/2
- 4834 Estate tax examiner. [Revised Oct. 1963.] [1964.] [2]+20+[2] p. il. ([Document no. 5389.]) † ● Item 956 L.C. card 64-60643 T 22.2 : Es 8/3/963
- 4835 Looseleaf regulations systems; Service 1, Income tax, transmittal 44. Dec. 20, 1963. [98] p. 4° ● Item 961 T 22.19/3 : 1/trans.44

NOTE.—Service 1 consists of pts. 1, 2, 18, and 19 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$12.50 (including basic material and supplements issued irregularly for approximately 3 years); \$3.75 additional for foreign mailing.

*For Sale by Superintendent of Documents

⊕For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- 4836 Looseleaf regulations systems: Service 3, Employment tax, transmittal 6. Jan. 3, 1964. [8] p. 4° ● Item 961 T 22.19/3: 3/trans.6
 NOTE.—Service 3 consists of pts. 31 and 36 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$1.75 (including basic material and supplements issued irregularly for approximately 3 years); 50c. additional for foreign mailing.
- 4837 — Service 4, Excise taxes, transmittal 28. Jan. 17, 1964. [26] p. 4° ● Item 961 T 22.19/3: 4/trans.28
 NOTE.—Service 4 consists of pts. 40-50 and 148-152 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$5.00 (including basic material and supplements issued irregularly for approximately 3 years); \$3.00 additional for foreign mailing.
- 4838 — Service 5, Procedure and administration, transmittal 11. Jan. 3, 1964. [6] p. il. 4° ● Item 961 T 22.19/3: 5/trans.11
- 4839 — Service 5, Procedure and administration, transmittal 12. Jan. 17, 1964. [60] p. 4° ● Item 961 T 22.19/3: 5/trans.12
 NOTE.—Service 5 consists of pts. 301-303 and 601 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$3.00 (including basic material and supplements issued irregularly for approximately 3 years); 75c. additional for foreign mailing.
- 4840 Revenue agent, career in professional accounting. [1964.] [2]+20+[2] p. il. ([Document no. 5027, rev. 10-63.]) † T 22.2: R 32/2/963
 L.C. card 64-60584
- 4841 Revenue officer. [Revised Oct. 1963.] [1964.] [2]+20+[2] p. il. ([Document no. 5028.]) † ● Item 956 T 22.2: R 32/963
- 4842 Special agent. [Revised Oct. 1963.] [1964.] [2]+20+[2] p. il. ([Document no. 5236.]) † ● Item 956 T 22.2: Sp 3/963
 L.C. card 64-60644
- 4843 Statistics of income, 1961: Individual income tax returns for 1961; prepared by Statistics Division. [1964.] v+233 p. il. 4° (Publication 79(12-63.)) * Paper, \$1.25. ● Item 964 T 22.35/2: In 2/961
 L.C. card 61-37567
- 4844 Tax technician. [Revised Oct. 1963.] [1964.] [2]+20+[2] p. il. ([Document no. 5431.]) † ● Item 956 T 22.2: T 19/8
 L.C. card 64-60585
 Title 26, Code of Federal regulations, pts. [issued with perforations.] ● Item 961 T 22.17/3: (nos.)
- 4845 172. Disposition of seized personal property. [1963.] [1]+7 p. 4° (Publication 348 (rev. 10-63.)) * Paper, 10c.
- 4846 197. Drawback on distilled spirits used in manufacturing nonbeverage products. Revised as of Jan. 1, 1964. [1964.] cover title, 19 p. (Publication 206 (rev. 1-64.)) * Paper, 15c. L.C. card 64-60504

INTERNATIONAL COMMERCE BUREAU, Commerce Dept.

- 4847 International business publications checklist. Dec. 1963. 20+[4] p. il. 4° † ● Item 231-D C 42.15: C 41/963-2
- 4848 International commerce, quarterly index. † C 42.8/3: (date)
 Oct. 1-Dec. 31, 1963—
- 4849 Meet the buyers for 400,000,000 new customers [show the world, sell the world, U.S. trade centers, trade fairs]. [Nov. 1963.] [2] p. il. oblong 8", folded into narrow 8" size. † C 42.2: B 98
 Overseas business reports OBR (series). [Issued irregularly. Combines 3 parts of former World trade information service.] * Paper, \$18.00 a yr., \$12.00 additional for foreign mailing; single copy, each 15c. (1-3 yr. subs.). ● Item 231-B C 42.20: (nos.)
- 4850 63-133. Market indicators for Europe [with bibliography; prepared by Harry Bodansky, Jacqueline E. Johnson, and Woodrow Gainous]. Nov. 1963. 32 p. il. 4° [Supersedes WTIS, pt. 3, no. 61-24, July 1961.]

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

MARCH 1964

- 4851 63-134. Basic data on economy of Pakistan [with bibliography]; prepared by Frances Hyland and Robert W. Weise, jr. Jan. 1964. 23 p. il 4° [Supersedes WTIS pt. 1, no. 58-6.]
- 4852 63-140. Establishing business in Spain; prepared in European Division, Office of International Regional Economics. Nov. 1963. 9 p. 4° [Supersedes WTIS, pt. 1, no. 61-7.]
- 4853 63-142. Foreign trade regulations of Uruguay; prepared by William E. Spruce. Dec. 1963. 7 p. 4° [Supersedes WTIS, pt. 2, nos. 61-38, 60-22, 56-104.]
- 4854 63-143. Foreign trade regulations of United Arab Republic; prepared by Roger D. Severance. Dec. 1963. 6 p. 4° [Supersedes OBR 62-8.]
- 4855 63-144. Foreign trade regulations of Paraguay; prepared in American Republics Division, Office of International Regional Economics. Dec. 1963. 7 p. 4° [Supersedes WTIS, pt. 2, nos. 61-63, 59-47, 59-21.]
- 4856 63-145. Basic data on economy of El Salvador; prepared by Thomas K. Brewer. Dec. 1963. 23 p. il. 4° [Supersedes WTIS, pt. 1, no. 59-56.]
- 4857 63-146. Basic data on economy of Kuwait [with bibliography]; prepared in Near East-South Asia Division, Office of International Regional Economics. Dec. 1963. 6 p. il. 4° [Supersedes WTIS, pt. 1, no. 60-27.]
- 4858 63-147. Foreign trade regulations of Bolivia; prepared by Rodney D. Anderson. Dec. 1963. 8 p. 4° [Supersedes WTIS, pt. 2, no. 60-5.]
- 4859 63-148. Basic data on economy of Uruguay [with bibliography]; prepared by Mildren Phoebus Burr. Dec. 1963. 8 p. il. 4° [Supersedes WTIS, pt. 1, no. 60-34.]
- 4860 63-149. Establishing business in Brazil [with bibliography]; prepared by Gertrude Heare and William Frohlich. Dec. 1963. 24 p. 4° [Supersedes WTIS, pt. 1, no. 58-42.]
- 4861 63-162. Basic data on economy of Burma [with bibliography]; prepared by Jackson B. Hearn. Dec. 1963. 8 p. il. 4° [Supersedes WTIS, pt. 1, no. 58-13.]
- 4862 64-2. United States foreign trade Jan.-Sept. 1963; [prepared in International Trade Analysis Division]. Jan. 1964. 12 p. il. 4° [Formerly World trade information service.]
- 4863 Questions and answers for prospective members of U.S. trade missions overseas. [1964.] [8] p. narrow 8° †
C 42.2: T 67/6/964
- 4864 Report of 1963 trade mission to Austria [supplement to International commerce]. [1964.] 20 p. il. 4° [Title on cover is: Export to Austria, 1963 trade mission report.] * Paper, 20c. ● Item 214
L.C. card 64-60639 C 42.8/2: Au 7
- 4865 Report of 1963 Trade Mission to Malaysia [supplement to International commerce]. [1964.] 34+[2] p. il. 4° [Title on cover is: Trade with Hong Kong.] * Paper, 20c. ● Item 214
L.C. card 64-60555 C 42.8/2: H 75
- 4866 Report of 1963 Trade Mission to Malaysia, [supplement to International commerce]. [1964.] 34+[2] p. il. 4° [Title on cover is: Trade with Malaysia.] * Paper, 25c. ● Item 214
L.C. card 64-60638 C 42.8/2: M 29
- 4867 Report of 1963 trade mission to Switzerland [supplement to International commerce]. [1964.] 24 p. il. 4° [Title on cover is: Sell U.S. goods in Switzerland.] * Paper, 20c. ● Item 214
L.C. card 64-60556 C 42.8/2: Sw 6
- 4868 Reports prepared by Foreign Service of United States, listing 10. Oct. 31, 1963. [1]+iv+40 p. 4° †
C 42.22: 10

INTERNATIONAL DEVELOPMENT AGENCY, State Dept.

- 4869 Foreign aid, controversy and reality [excerpts from remarks] by Frank M. Coffin [Deputy Administrator for Operations, Agency for International Development, at Regional Foreign Policy Conference, Boston, Mass., Sept. 11, 1963]. [1963.] [1]+10 p. narrow 8° †
S 18.15: C 65

*For Sale by Superintendent of Documents

φFor Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

INTERNATIONAL LABOR AFFAIRS BUREAU, Labor Dept.

- 4870 Directory of International Confederation of Free Trade Unions (ICFTU); [prepared by Barbara M. Murray]. Revised edition. Oct. 1963. xiv+116+[90] p. il. 4° [Original edition published as pt. 1 of Directory of international trade union organizations, May 1954.] * Stiff-board, \$2.00. ● Item 762-A
L.C. card L 64-26 L 29.9/2: F 87/963

INTERSTATE COMMERCE COMMISSION

- 4871 52d annual report of director of locomotive inspection to Interstate Commerce Commission, fiscal year 1963. 1963. [1]+33 p. il. * Paper, 15c.
● Item 686
L.C. card 12-29929 IC 1 loc.1: 963
- 4872 Cost of transporting freight by class 1 and class 2 motor common carriers of general commodities, New England region, 1962, group 1, within New England region; prepared by Cost Finding Section. Dec. 1963. cover title, [2]+50 p. 4° (Statement 9-63. Bureau of Accounts.) [This study, issued as information, has not been adopted by Interstate Commerce Commission.] * Paper, 35c. ● Item 682-A
L.C. card A 64-7122 IC 1 acco.2: F 88/15/962
- 4873 — group 2, between New England and New York City area and beyond; prepared by Cost Finding Section. Dec. 1963. cover title, ii+51 p. 4° (Statement 8-63. Bureau of Accounts.) [This study, issued as information, has not been adopted by Interstate Commerce Commission.] * Paper, 35c. ● Item 682-A
L.C. card A 64-7122 IC 1 acco.2: F 88/9/962
- 4874 Deep-sea domestic waterborne traffic 1957-61, ton-miles and average hauls by dry-cargo ships and tankers; [prepared by Seymour Etkin]. [Nov. 1963.] xi+14 p. il. 4° ([Statement 6308]; Bureau of Transport Economics and Statistics.) [Map on p. 2 of cover. This staff publication, issued as information, has not been adopted by Interstate Commerce Commission.] * Paper, 25c. ● Item 674
L.C. card 64-60802 IC 1.2: W 29/957-61
- 4875 Elements of value of property used in common-carrier service as of Dec. 31, 1962, class 1 line-haul railways. [1963.] [1]+2+16+[3] p. oblong 8° (Bureau of Accounts.) [This study issued as information, has not been considered or adopted by Interstate Commerce Commission.] †
L.C. card A 51-9197 IC 1 val. 11: 962
- Motor carrier accident investigation report. †
- 4876 79. See below, Railroad accident investigation report 3986.
Railroad accident investigation reports. † IC 1 acci.5: (nos.)
- 4877 3983. Delaware and Hudson Railroad Corporation, Moosic, Pa., Jan. 17, 1963. [1963.] 9 p. il. 1 pl. 4°
- 4878 3986. Chesapeake and Ohio Railway Company, Kroger Company, Michigan City, Ind., Feb. 15, 1963. [1963.] 10 p. il. 1 pl. 4° (Motor carrier investigation, report 79.)
- 4879 3988. Southern Pacific Company, Northridge, Calif., Mar. 4, 1963. [1963.] [4]+8 p. il.
- 4880 3989. Chesapeake and Ohio Railway Company, Winright, Ky., Mar. 11, 1963. [1963.] [3]+5 p. il. 4°
- 4881 Transport statistics in United States, 76th annual report on transport statistics for year ended Dec. 31, 1962; prepared by Bureau of Transport Economics and Statistics. [Issued in sections and parts punched for binders.] * Paper, subscription, \$5.00 for all parts of one year's report; \$1.25 additional for foreign mailing. ● Item 699
L.C. card 5-11209 IC 1.25: 962/pt. (nos.)
pt. 6. Oil pipe lines. 1963 [published 1964]. cover title, [1]+1+37 p. 4° [Errata, dated Feb. 1964, 1 p., issued also.]

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- pt. 7. Motor carriers, [release 1]. 1963 [published 1964]. cover title, [3] leaves+10-67 p. 4°
 pt. 8. Freight forwarders. 1963 [published 1964]. cover title, [1]+i+13 p. 4°
 pt. 9. Private car lines; prepared by Bureau of Transport Economics and Statistics. 1963. cover title, [1]+i+32 p. 4°

JOINT CHIEFS OF STAFF, Defense Dept.

JCS pub. (series). ● Item 315-C

- 4882 2. Unified Action Armed Forces (UNAAF), Change 6. Dec. 2, 1963. [6] p. 4°
 [Issued in loose-leaf form.] † D 5.12: 2/ch.6
 4883 2. Same: Change 7. Dec. 13, 1963 [published 1964]. [4] p. 4° [Issued with
 perforations.] † D 5.12: 2/ch.7

JOINT PUBLICATIONS RESEARCH SERVICE

JPRS (series).

Y 3.J66: 13/(nos.)

- 4884 22570. New developments in pneumatic-hydraulic automation, USSR [with bibliographies]; edited by M. A. Ayzerman. Jan. 2, 1964. [2]+a-b+203 p. ll. 4° Φ Paper, \$3.50 (OTS: 64-21187).
 4885 22571. Soviet economic system: Current developments, no. 13. Jan. 2, 1964. [2]+a+10 p. 4° Φ Paper, 50c.
 4886 22572. Translations on Soviet transportation, no. 58. Jan. 2, 1964. [2]+a-b+63 p. ll. 4° Φ Paper, \$1.75.
 4887 22573. Translations on Soviet agriculture, no. 22. Jan. 2, 1964. [2]+a-b+119 p. ll. 4° Φ Paper, \$2.75.
 4888 22574. Soviet-bloc research in geophysics, astronomy, and space. See Appendix entry in February monthly catalog.
 4889 22575. Economic report on North Korea, no. 107. Jan. 2, 1964. [2]+a+33 p. 4° Φ Paper, \$1.00.
 L.C. card 58-60951
 4890 22576. Summary of Czechoslovak provincial press, no. 241 (Sept. 21-Nov. 9, 1963). Jan. 2, 1964. [2]+a-b+14 p. 4° Φ Paper, 50c.
 L.C. card 59-60695
 4891 22577. USSR industrial development: Soviet nonferrous metallurgy, no. 79. Jan. 2, 1964. [2]+a+32 p. 4° Φ Paper, \$1.00 (OTS: 64-21188).
 4892 22578. Controversial problems with modern teachings of regeneration, USSR [with list of literature]; by A. N. Studitskiy. Jan. 2, 1964. [2]+27 p. 4° [From Zhurnal obshchey biologii, July-Aug. 1963.] Φ Paper, 75c. (OTS: 64-21189).
 4893 22579. Abstracts from East European legal journals, no. 188 (Czechoslovakia, Hungary and Rumania). Jan. 2, 1964. [2]+a+9 p. 4° Φ Paper, 50c.
 4894 22580. Problems of mechanism of biological effect of microwaves, USSR [with bibliography]; A. S. Presman. Jan. 2, 1964. [2]+25 p. 4° [From Uspekhi sovremennoy biologii, v. 56, no. 2(5), Sept.-Oct. 1963.] Φ Paper, 75c. (OTS: 64-21190).
 4895 22581. Studies in molecular genetics and effect of radiation on heredity, USSR. Jan. 2, 1964. [2]+a+23 p. 4° [From Molekulyarnaya genetika i deystviye izlucheniya na nasledstvennost', 1963.] Φ Paper, 75c. (OTS: 64-21191).
 4896 22582. USSR industrial development: Soviet regional economy, no. 92. Jan. 2, 1964. [2]+a-b+39 p. 4° Φ Paper, \$1.25 (OTS: 64-21192).
 4897 22583. Translations of political and sociological information on Communist China, no. 135. Jan. 2, 1964. [2]+a-b+61 p. 4° Φ Paper, \$1.75.
 4898 22584. Articles from Vestnik Akademii Nauk SSSR (Herald of Academy of Sciences USSR), no. 9, 1963, USSR. Jan. 2, 1964. [2]+a+1-39a, 40-44 p. 4° Φ Paper, \$1.25 (OTS: 64-21193).
 4899 22585. New types of chromosome rearrangement developing in microspores of *Tradescantia paludosa* under influence of several factors of space flight, USSR [with bibliography]; by N. L. Delone et al. Jan. 3, 1964. [2]+9 p. 4° [From Doklady Akademii Nauk SSSR, v. 152, no. 5, 1963.] Φ Paper, 50c. (OTS: 64-21194).
 4900 22586. Role of functional stress in localization of radiation injury, USSR [introduction, conclusions and table of contents]; by N. V. Sokolova. Jan. 3, 1964. [2]+20 p. 4° Φ Paper, 75c. (OTS: 64-21195).
 4901 22587. Some cytochemical studies of early stages of marine organisms, USSR [with bibliographies]. Jan. 3, 1964. [2]+a+12 p. ll. 4° [From Doklady Akademii Nauk SSSR, v. 152, no. 4, 1963.] Φ Paper, 50c. (OTS: 64-21196).
 4902 22588. On special features in electron spectrum of superconducting compounds, USSR [with bibliography]; by I. B. Borovskiy. Jan. 3, 1964. [2]+12 p. ll. 4° [From Trudy Instituta Metallurgii imeni A. A. Baykova, metallurgiya, metallovedeniye, fizikokhimicheskiye metody issledovaniya, no. 15, 1963.] Φ Paper, 50c. (OTS: 64-21197).
 4903 22589. Main trends of scientific research on tuberculosis, USSR; by F. V. Shebanov. Jan. 3, 1964. [2]+7 p. 4° [From Problemy tuberkuleza, v. 41, no. 9, Sept. 1963.] Φ Paper, 50c. (OTS: 64-21198).

*For Sale by Superintendent of Documents

ΦFor Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

Page 51

GOVERNMENT PUBLICATIONS

JPRS (series)—Continued

- 4904 22590. Studies on role of nucleic acids in differentiation and malignant degeneration, USSR; by Ya. G. Erenpreys. Jan. 3, 1964. [2]+10 p. 4° Φ Paper, 50c. (OTS: 64-21199).
- 4905 22591. Humoral component in effect of bone marrow transplantation on dogs with acute radiation sickness, USSR [with bibliography]; by Chang Ts'ung-hsien. Jan. 3, 1964. [2]+8 p. il. 4° [From Meditsinskaya radiologiya, v. 8, no. 8, Aug. 1963.] Φ Paper, 50c. (OTS: 64-21200).
- 4906 22592. Italian Communists praise performance of Indonesian Communist Party; by Giuliano Pajetta. Jan. 3, 1964. [2]+14 p. 4° [From Rinascita, June 8, 1963.] Φ Paper, 50c.
- 4907 22593. Investigation of ternary systems niobium-tungsten-zirconium and niobium-molybdenum-zirconium, USSR [with bibliography]; by Ye. M. Savitskiy and A. M. Zakharov. Jan. 3, 1964. [2]+12 p. il. 4° [From Issledovaniye splavov tsvetnykh metallov, no. 4, 1963.] Φ Paper, 50c. (OTS: 64-21201).
- 4908 22594. On subject of prospects for development of continuous teeming of steel, USSR; by B. V. Fitilev et al. Jan. 3, 1964. [2]+8 p. 4° [From Stal', no. 10, Oct. 1963.] Φ Paper, 50c. (OTS: 64-21202).
- 4909 22595. Effect of oxygen on properties and heat treatment of titanium alloy VT14, USSR; by A. I. Khorev, et al. Jan. 3, 1964. [2]+9 p. il. 4° [From Tsvetnyye metally, Nov. 1963.] Φ Paper, 50c. (OTS: 64-21203).
- 4910 22596. Recent developments in Soviet and bloc medical activities. Jan. 3, 1964. [2]+a+10 p. 4° [From Meditsinskaya gazeta, Nov. 12, 1963.] Φ Paper, 50c. (OTS: 64-21204).
- 4911 22597. Some features of welding niobium and its alloys, USSR [with bibliography]; by D. S. Balkovets and L. N. Kaganov. Jan. 3, 1964. [2]+10 p. 4° [From Svarochnoye proizvodstvo, no. 10, Oct. 1963.] Φ Paper, 50c. (OTS: 64-21205).
- 4912 22598. Tentative method for calculations of dispersion of discharges in atmosphere, USSR. Jan. 3, 1964. [2]+6 p. 4° [From Byulleten'stroytel'noy tekhniki, no. 11, Nov. 1963.] Φ Paper, 50c. (OTS: 64-21206).
- 4913 22599. Alloys of plutonium, USSR [with bibliography]; by S. T. Konobeyevskiy and V. I. Kutaytsev. Jan. 3, 1964. [2]+11 p. il. 4° [From Issledovaniye splavov tsvetnykh metallov, no. 4, 1963.] Φ Paper, 50c. (OTS: 64-21207).
- 4914 22600. Carbide hard alloys, most important product of powder metallurgy, USSR [with bibliography]; by G. A. Meyerson. Jan. 3, 1964. [From Issledovaniye splavov tsvetnykh metallov, no. 4.] Φ Paper, 50c. (OTS: 64-21208).
- 4915 22601. Summary of Bulgarian provincial press, no. 197 (Sept. 21-Nov. 13, 1963). Jan. 3, 1964. [2]+a-c+21 p. 4° Φ Paper, 75c.
- 4916 22602. USSR industrial development: Soviet tractors and agricultural machinery, no. 107. Jan. 3, 1964. [2]+a+14 p. 4° Φ Paper, 50c. (OTS: 64-21209).
- 4917 22603. Roe size-dependent fish fertility, fresh water fish distribution, and parasitofauna of pond-raised carp, USSR [with lists of literature]. Jan. 3, 1964. [2]+a+39 p. il. 4° [From Voprosy Ikhtologii, v. 1, no. 2 (19), 1961.] Φ Paper, \$1.25 (OTS: 64-21210).
- 4918 22604. Translations on Cuba, no. 95. Jan. 3, 1964. [2]+a-b+100 p. 4° Φ Paper, \$2.50.
- 4919 22605. Translations on East European agriculture, forestry and food industries, no. 217. Jan. 3, 1964. [2]+a+60 p. 4° Φ Paper, \$1.75.
- 4920 22606. Translations on East European service industries, no. 219. Jan. 3, 1964. [2]+a+12 p. 4° Φ Paper, 50c.
- 4921 22607. Reversible operational amplifier and characteristics of transportation network, USSR [with bibliography]. Jan. 3, 1964. [2]+a+13 p. il. 4° [From Dopovidi Akademiyi Nauk Ukrayins'koyi RSR, Nov. 4, 1962.] Φ Paper, 50c. (OTS: 64-21211).
- 4922 22608. Arrangement of intermediate information when computing on nonerasing Turing machines, USSR [with bibliography]; by N. V. Belyakin. Jan. 3, 1964. [2] p.+5 leaves, 4° [From Doklady Akademii Nauk, SSSR, v. 152, no. 1, 1963.] Φ Paper, 50c. (OTS: 64-21212).
- 4923 22609. Soviet review of weather modification techniques, USSR; by M. Zaiko. Jan. 3, 1964. [2]+6 p. 4° [From Grazhdanskaya aviatsiya, no. 11, Nov. 1963.] Φ Paper, 50c. (OTS: 64-21213).
- 4924 22610. International conference on diagnosis and treatment of contamination by radioactive isotopes; by Yu. I. Moskalev. Jan. 3, 1964. [2]+26 p. 4° [From Meditsinskaya radiologiya, v. 8, no. 8, Aug. 1963.] Φ Paper, 75c. (OTS: 64-21214).
- 4925 22611. Translations on East European foreign trade, no. 142. Jan. 6, 1964. [2]+a+22 p. il. 4° Φ Paper, 75c.
- 4926 22612. Translations on international Communist developments: no. 547, Italian Communist view their party and Moro government. Jan. 6, 1964. [2]+a+91 p. 4° Φ Paper, \$2.25.
- 4927 22613. Studies in reaction of cells to effects of extreme conditions, USSR [with bibliographies]. Jan. 6, 1964. [2]+a+51 p. il. 4° [From Reaktsiya kletok na ekstremal'nyye vozdeystviya, 1963.] Φ Paper, 50c. (OTS: 64-21215).

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 4928 22614. Translations on economic organization and management in Eastern Europe, no. 281. Jan. 6, 1964. [2]+a+36 p. 4° Φ Paper, \$1.00.
- 4929 22615. Problems in principles and structure of scientific Communism, USSR. Jan. 6, 1964. [2]+a+42 p. 4° [From Voprosy filosofii, v. 17, no. 5, 1963.] Φ Paper, \$1.25 (OTS: 64-21216).
- 4930 22616. Translations of political and sociological information on Communist China, no. 136 (General features of Li language). Jan. 7, 1964. [2]+37 p. 4° Φ Paper, \$1.00.
- 4931 22617. Translations on East European materials industries, no. 139. Jan. 7, 1964. [2]+a+46 p. il. 4° Φ Paper, \$1.25.
- 4932 22618. Summary of Polish provincial press, no. 318 (Nov. 26-Dec. 2, 1963). Jan. 7, 1964. [2]+a-b+32 p. 4° [Includes list of newspaper sources.] Φ Paper, \$1.00. L.C. card 58-60883
- 4933 22619. Translations on Communist China's industry, mining, fuels and power, no. 51. Jan. 7, 1964. [2]+a+26 p. il. 4° Φ Paper, 75c.
- 4934 22620. Translations on Communist China's trade, finance, transportation and communications, no. 79. Jan. 7, 1964. [2]+a+13 p. il. 4° Φ Paper, 50c.
- 4935 22621. Translations on North Vietnam's economy, no. 75. Jan. 7, 1964. [2]+a+9 p. 4° Φ Paper, 50c.
- 4936 22622. Translations on Communist China's science and technology: no. 65. Understanding of need to strengthen training in fundamental techniques. Jan. 7, 1964. [2] p.+4 leaves, 4° [From Kuang-ming jih-pao, Nov. 14, 1963.] Φ Paper, 50c. (OTS: 64-21217).
- 4937 22623. Indonesian press survey, no. 47 (Nov. 15-29, 1963). Jan. 7, 1964. [2]+a-b+24 p. 4° Φ Paper, 75c.
- 4938 22624. Abstracts on zooparasitology (Referativnyy zhurnal, Biologiya), no. 3, 1963, USSR. Jan. 7, 1964. [2]+a+26 p. 4° Φ Paper, 75c. (OTS: 64-21218).
- 4939 22625. Reasons for failure of antibiotic therapy of autoinfection in radiation sickness, USSR [with bibliography]; by I. D. Meter. Jan. 7, 1964. [2]+11 p. 4° [From Meditsinskaya radiologiya, Aug. 1963.] Φ Paper, 50c. (OTS: 64-21219).
- 4940 22626. Translations on Communist China's agriculture, animal husbandry and materials, no. 80. Jan. 7, 1964. [2]+a+20 p. 4° Φ Paper, 75c.
- 4941 22627. Summary of Hungarian provincial press, no. 292 (Oct. 1-6, 1963). Jan. 7, 1964. [2]+a-d+31 p. 4° Φ Paper, \$1.00. L.C. card 58-60912
- 4942 22628. Index of La Stampa and La Stampa sera, no. 187 (Dec. 16-22, 1963). Jan. 7, 1964. [2]+8 p. 4° Φ Paper, 50c. L.C. card 58-60868
- 4943 22629. Activities of Kazan' Veterinary Institute, USSR; by Ye. N. Pavlovskiy and V. M. Koropov. Jan. 7, 1964. [2]+8 p. 4° [From Veterinariya, v. 40, no. 6, June 1963.] Φ Paper, 50c. (OTS: 64-21220).
- 4944 22630. Translations on East European agriculture, forestry and food industries, no. 218. Jan. 7, 1964. [2]+a+29 p. 4° Φ Paper, \$1.00.
- 4945 22631. Translations on USSR electric power, no. 43. Jan. 7, 1964. [2]+a-b+57 p. 4° Φ Paper, \$1.50.
- 4946 22632. Press information report on Albania, no. 73 (Oct. 1-29, 1963). Jan. 7, 1964. [2]+a-d+41 p. 4° Φ Paper, \$1.25.
- 4947 22633. USSR industrial development: Soviet chemical machine building, no. 39. Jan. 7, 1964. [2] p.+a+8 leaves, 4° Φ Paper, 50c. (OTS 64-21221).
- 4948 22634. Standardization of epidemiologists' work, USSR; by O. M. Khromchenko. Jan. 7, 1964. [2]+12 p. il. 4° [From Sovetskoye zdravookhraneniye no. 10, v. 22, 1963.] Φ Paper, 50c. (OTS: 64-21222).
- 4949 22635. 1962 activity of All-Union Mineralogical Society, USSR; by S. P. Solov'ev. Jan. 7, 1964. [2]+23 p. 4° [From Zapiski vsesoyuzhnogo mineralogicheskogo obshchestva, pt. 92, no. 4, 1963.] Φ Paper, 75c. (OTS: 64-21223).
- 4950 22636. USSR industrial development: Soviet regional economy, no. 93. Jan. 8, 1964. [2]+a+30 p. 4° Φ Paper, \$1.00 (OTS: 64-21224).
- 4951 22637. USSR industrial development: Soviet metalworking equipment, no. 87. Jan. 8, 1964. [2]+a+19 p. il. 4° Φ Paper, 75c. (OTS: 64-21225).
- 4952 22638. Translations on Middle East, no. 73. Jan. 8, 1964. [2]+a+15 p. 4° Φ Paper, 50c.
- 4953 22639. USSR industrial development: Soviet tractors and agricultural machinery, no. 108. Jan. 8, 1964. [2]+a+19 p. 4° Φ Paper, 75c. (OTS: 64-21226).
- 4954 22640. Translations on Cuba, no. 96. Jan. 8, 1964. [2]+a+42 p. 4° Φ Paper, \$1.25.
- 4955 22641. Translations on Communist China's science and technology, no. 66. Jan. 8, 1964. [2]+a+48 p. 4° Φ Paper, \$1.25 (OTS: 64-21227).
- 4956 22642. Soviet economics system: Structure and policy, no. 111. Jan. 8, 1964. [2]+a+30 p. 4° Φ Paper, \$1.00.
- 4957 22643. Translations on Communist China's trade, finance, transportation and communications, no. 80. Jan. 8, 1964. [2]+a+18 p. 4° Φ Paper, 50c.
- 4958 22644. Translations on Communist China's industry, mining, fuels and power, no. 52. Jan. 8, 1964. [2]+a+15 p. 4° Φ Paper, 50c.

*For Sale by Superintendent of Documents

Φ For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

Page 53

GOVERNMENT PUBLICATIONS

JPRS (series)—Continued

- 4959 22645. Cybernetics in chemistry, USSR; by V. Kafarov. Jan. 8, 1964. [2] p.+5 leaves, 4¢ [From Pravda, no. 286, Oct. 13, 1963.] Φ Paper, 50c. (OTS: 64-21228).
- 4960 22646. Forecasting atmospheric pressure fields using equations of hydrodynamics, USSR [with list of references]; by V. M. Berezin. Jan. 8, 1964. [2]+8 p. ll. 4¢ [From Vestnik Moskovskogo Universiteta, seriya fiziki i astronomii, no. 5, 1963.] Φ Paper, 50c. (OTS: 64-21229).
- 4961 22647. Present and future uses of cybernetics in medicine, USSR; by Yu. Frolov. Jan. 8, 1964. [2] p.+5 leaves, 4¢ [From Meditsinskiy rabotnik, Aug. 16, 1963.] Φ Paper, 50c. (OTS: 64-21230).
- 4962 22648. News of Academy of Sciences USSR, Department of Technical Sciences, technical cybernetics, no. 5, 1963 [with bibliographies]. Jan. 8, 1964. [2]+a-c+1-1963a, 164-309 p. ll. 4¢ Φ Paper, \$5.00 (OTS: 64-21231).
- 4963 22649. East European scientific abstracts: Biology and medicine, no. 1. Jan. 8, 1964. [2] p.+a+14 leaves, 4¢ Φ Paper, 50c. (OTS: 64-21232).
- 4964 22650. East European scientific abstracts: Chemistry, no. 1. Jan. 8, 1964. [2] p.+a+21 leaves, 4¢ Φ Paper, 75c. (OTS: 64-21233).
- 4965 22651. East European scientific abstracts: Earth sciences, no. 1. Jan. 8, 1964. [2] p.+a+27 leaves, 4¢ Φ Paper, 75c. (OTS: 64-21234).
- 4966 22652. East European scientific abstracts: Electronics, engineering and space research, no. 1. Jan. 8, 1964. [2] p.+a+8 leaves, 4¢ Φ Paper, 50c. (OTS: 64-21235).
- 4967 22653. East European scientific abstracts: Physics and mathematics, no. 1. Jan. 8, 1964. [2] p.+a+5 leaves, 4¢ Φ Paper, 50c. (OTS: 64-21236).
- 4968 22654. Translations from Kommunist, no. 17, Nov. 1963, USSR. Jan. 8, 1964. [2]+a+64 p. 4¢ Φ Paper, \$1.75.
- 4969 22655. Translations from Poroshkovaya metallurgiya (Powder metallurgy), no. 5, 1963, USSR [with bibliographies]. Jan. 8, 1964. [2]+a+26 p. ll. 4¢ Φ Paper, 75c. (OTS: 64-21237).
- 4970 22656. Effect of cesium concentration on its accumulation in plants, USSR [with bibliography]; by A. A. Titlyanova. Jan. 8, 1964. [2] p.+4 leaves, ll. 4¢ [From Doklady Akademii nauk SSSR, v. 152 no. 2, 1963.] Φ Paper, 50c. (OTS: 64-21238).
- 4971 22657. Translations on international Communist developments: no. 548, Two different lines on question of war and peace, comment on open letter of Central Committee of CPSU, no. 5. Jan. 8, 1964. [2]+19 p. 4¢ [From Hung-ch'i, no. 22, Nov. 19, 1963.] Φ Paper, 50c.
- 4972 22658. Translations on East European foreign trade, no. 143. Jan. 8, 1964. [2]+a+89 p. 4¢ Φ Paper, \$2.25.
- 4973 22659. Question of determining technical-economic efficiency of standardization, Zamalin and V. I. Timoshevskiy. Jan. 9, 1964. [2]+7 p. 4¢ [From normalization and unification in machine building, USSR; by V. S. Mekhanizatsiya i avtomatizatsiya proizvodstva, Nov. 1963.] Φ Paper, 50c. (OTS: 64-21239).
- 4974 22660. Translations from Hung-ch'i (Red flag), no. 22, 1963, Communist China. Jan. 9, 1964. [2]+a+44 p. 4¢ Φ Paper, \$1.25. L.C. card 59-60699
- 4975 22661. East European scientific abstracts: Chemistry, no. 2. Jan. 9, 1964. [2] p.+a+5 leaves, 4¢ Φ Paper, 50c. (OTS: 64-21240).
- 4976 22662. East European scientific abstracts: Biology and medicine, no. 2. Jan. 9, 1964. [2] p.+a+9 leaves, 4¢ Φ Paper, 50c. (OTS: 64-21241).
- 4977 22663. Chemiluminescence of lipids and rate of growth of Pacific salmon, USSR [with bibliography]; by A. I. Zhuravlev and V. P. Korzhenko. Jan. 9, 1964. [2]+9 p. ll. 4¢ [From Doklady Akademii Nauk SSSR, v. 152, no. 2, 1963.] Φ Paper, 50c. (OTS: 64-21242).
- 4978 22664. Polyspermy-blocking mechanism in echinoderms, USSR [with bibliography]; by A. S. Ginzburg. Jan. 9, 1964. [2]+9 p. ll. 4¢ [From Doklady Akademii Nauk SSSR, v. 152, no. 2, 1963.] Φ Paper, 50c. (OTS: 64-21243).
- 4979 22665. Role of otoliths in taxonomic analysis of fish, USSR [with bibliography]; by D. K. Khalaturin. Jan. 9, 1964. [2] p.+[4] leaves, 4¢ [From Doklady Akademii Nauk SSSR, v. 152, no. 2, 1964.] Φ Paper, 50c. (OTS: 64-21244).
- 4980 22666. Variations of RNA in giant chromosomes of *Chironomus dorsalis* during metamorphosis and experimental effects, USSR [with bibliography]; by I. I. Kikhadze and I. T. Filatova. Jan. 9, 1964. [2]+7 p. ll. 4¢ [From Doklady Akademii Nauk SSSR, v. 152, no. 2, 1963.] Φ Paper, 50c. (OTS: 64-21245).
- 4981 22667. Translations of Pravda editorials, USSR, no. 207 (Jan. 2, 3, 5 and 6, 1964). Jan. 8, 1964. [2]+a+15 p. 4¢ Φ Paper, 50c.
- 4982 22668. Aviation engineering, no. 2, 1963, USSR [with bibliographies]. Jan. 9, 1964. [2]+a-b+177 p. ll. 4¢ Φ Paper, \$3.00 (OTS: 64-21246).
- 4983 22669. Articles from Zashchita ot radioaktivnykh osadkov (Protection against radioactive fallout), USSR. Jan. 9, 1964. [2]+a+16 p. ll. 4¢ Φ Paper, 50c. (OTS: 64-21247).
- 4984 22670. Soviet economic system: Current developments, no. 14. Jan. 9, 1964. [2]+a-b+17 p. 4¢ Φ Paper, 50c.
- 4985 22671. USSR industrial development: Soviet chemical industry, no. 133. Jan. 9, 1964. [2]+a-b+88 p. 4¢ Φ Paper, \$2.25 (OTS: 64-21248).

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 4986 22672. Biogeochemistry of sulfur, USSR [with list of literature]; by S. I. Kuznetsov. Jan. 9, 1964. [2]+18 p. il. 4° Φ Paper, 50c. (OTS: 64-21249).
- 4987 22673. Selections from Vestnik vyssheshkoly (Herald of higher education), v. 21, no. 7, 1963, USSR. Jan. 9, 1964. [2]+a+25 p. il. 4° Φ Paper, 75c. (OTS: 64-21250).
- 4988 22674. Translations on Communist China's industry, mining, fuels and power, no. 53. Jan. 9, 1964. [2]+a+26 p. 4° Φ Paper, 75c.
- 4989 22675. Translations on Communist China's agriculture, animal husbandry and materials, no. 81. Jan. 9, 1964. [2]+a+21 p. 4° Φ Paper, 75c.
- 4990 22676. USSR industrial development: Soviet nonferrous metallurgy, no. 80. Jan. 9, 1964. [2]+a-b+83 p. 4° Φ Paper, \$2.25 (OTS: 64-21251).
- 4991 22677. Translations on Communist China's trade, finance, transportation and communications, no. 81. Jan. 9, 1964. [2]+a+31 p. 4° Φ Paper, \$1.00.
- 4992 22678. Novosibirsk Scientific Center, USSR; by B. V. Ivanov et al. Jan. 9, 1964. [2]+a-e+198 p. il. 4° Φ Paper, \$3.50 (OTS: 64-21252).
- 4993 22679. USSR industrial development: Soviet chemical industry, no. 134. Jan. 10, 1964. [2] p.+a-b+130 p. 4° Φ Paper, \$2.75 (OTS: 64-21253).
- 4994 22680. Translations on international Communist developments, no. 549. Jan. 10, 1964. [2]+a+65 p. 4° Φ Paper, \$1.75.
- 4995 22681. Translations on economic organization and management in Eastern Europe, no. 282. Jan. 10, 1964. [2]+a+42 p. il. 4° Φ Paper, \$1.25.
- 4996 22682. Index of La Stampa and La Stampa sera, no. 188 (Dec. 9-15, 1963). Jan. 10, 1964. [2]+a+9 p. 4° Φ Paper, 50c. L.C. card 58-60868
- 4997 22683. Translations of political and sociological information on Communist China, no. 137. Jan. 10, 1964. [2]+a+41 p. 4° Φ Paper, \$1.25.
- 4998 22684. Summary of Rumanian provincial press, no. 246 (Nov. 2-30, 1963). Jan. 10, 1964. [2]+a+10 p. 4° [Includes list of sources.] Φ Paper, 50c. L.C. card 58-60895
- 4999 22685. Abstracts on zooparasitology (Referativnyy zhurnal, biologiya) no. 5, 1963, USSR. Jan. 10, 1964. [2]+a-b+42 p. 4° Φ Paper, \$1.25 (OTS: 64-21254).
- 5000 22686. Development of electric power and electrotechnical industries of USSR [with bibliography]; by Aurel Avramescu. Jan. 10, 1964. [2]+16 p. 4° Φ Paper, 50c.
- 5001 22687. Zoobenthos and nutrition of benthophagous fish in Lake Dalaynor (Chinese People's Republic) [with list of references]; by Liu Cheng-tsun. Jan. 10, 1964. [2]+22 p. il. 4° [From Zoologicheskii zhurnal, v. 39, no. 2, 1960.] Φ Paper, 75c. (OTS: 64-21255).
- 5002 22688. Use of bovine peritoneum in treatment of burns, USSR; by M. D. Shulyakovskaya. Jan. 10, 1964. [2] p.+3 leaves, 4° [From Ortopediya, travmatologiya i protezirovaniye, v. 24, no. 11, Nov. 1963.] Φ Paper, 50c. (OTS: 64-21256).
- 5003 22689. Novosibirsk State University, USSR. Jan. 10, 1964. [2]+11 p. 4 Φ Paper, 50c. (OTS: 64-21257).
- 5004 22690. On possibility of division of cortical neurons, USSR [with bibliography]; by R. V. Ivannikova. Jan. 10, 1964. [2] p.+5 leaves, 4° [From Byulleten'eksperimental'noy biologii i meditsiny, v. 55, no. 1, Jan. 1963.] Φ Paper, 50c. (OTS: 64-21258).
- 5005 22691. Translations on North Vietnam's economy, no. 76. Jan. 10, 1964. [2]+a+44 p. 4° Φ Paper, \$1.25.
- 5006 22692. Variation and multiplicity of whitefish (coregonus) forms in connection with features of their feeding habits in Arctic bodies of water, USSR [with bibliography]; by Yu. S. Reshetnikov. Jan. 10, 1964. [2] p.+4 leaves, 4° [From Doklady Akademii nauk SSSR, no. 6, v. 152, 1963.] Φ Paper, 50c. (OTS: 64-21259).
- 5007 22693. Detection of localization of nucleoprotides in oocytes of frogs (Rana temporaria) by means of ultraviolet and luminescent microscopy, USSR [with bibliography]; by V. N. Shalunovich and N. S. Gabayeva. Jan. 10, 1964. [2] p.+5 leaves, 4° [From Doklady Akademii Nauk SSSR, v. 152, no. 6, 1963.] Φ Paper, 50c. (OTS: 64-21260).
- 5008 22694. Translations on East European service industries, no. 220. Jan. 10, 1964. [2]+a+86 p. 4° Φ Paper, \$2.25.
- 5009 22695. USSR industrial development: Soviet ferrous metallurgy, no. 167. Jan. 10, 1964. [2]+a-b+45 p. il. 4° Φ Paper, \$1.25 (OTS: 64-21261).
- 5010 22696. New methods in astronomy, USSR [with bibliographies]. Jan. 10, 1964. [2]+a-b+154 p. il. 4° Φ Paper, \$3.00 (OTS: 64-21262).
- 5011 22697. Soviet research in production and physical metallurgy of pure metals [with bibliography]. Jan. 10, 1964. [2]+a-b+162 p. il. 4° [From Metallurgiya i metallovedeniye chistykh metallov, no. 4, 1963.] Φ Paper, \$3.00 (OTS: 64-21263).
- 5012 22698. Translations of Pravda editorials, USSR, no. 208 (Jan. 7, 1964). Jan. 10, 1964. [2] p.+5 leaves, 4° Φ Paper, 50c.
- 5013 22699. Herald of communications (Vestnik svyazi), no. 10, 1963, USSR [with bibliography]. Jan. 13, 1964. [3]+iii+1-96b, 97-147 p. il. 4° Φ Paper, \$3.00 (OTS: 64-21264).
- 5014 22700. USSR industrial development: Soviet tractors and agricultural machinery, no. 109. Jan. 13, 1964. [2]+a+63 p. il. 4° Φ Paper, \$1.75 (OTS: 64-21265).

*For Sale by Superintendent of Documents

Φ For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

JPRS (series)—Continued

- 5015 22701. Selections from Merzlotnye issledovaniya (Permafrost research), no. 1, 1963, USSR [with bibliographies]. Jan. 13, 1964. [2]+a+50 p. il. 4° Φ Paper, \$1.50 (OTS: 64-21266).
- 5016 22702. Studies in Soviet zoology, (Zoologicheskly zhurnal, v. 42, no. 10, 1963) [with bibliographies]. Jan. 13, 1964. [2]+a-b+79 p. il. 4° Φ Paper, \$2.25 (OTS: 64-21267).
- 5017 22703. Aviation engineering, no. 3, 1963, USSR. Jan. 13, 1964. [2]+a-b+185 p. il. 4° Φ Paper, \$3.00 (OTS: 64-21268).
- 5018 22704. Soviet economic system: Structure and policy, no. 112. Jan. 13, 1964. [2]+a+57 p. 4° Φ Paper, \$1.50.
- 5019 22705. East European scientific abstracts: Biology and medicine, no. 3. Jan. 13, 1964. [2] p.+a+52 leaves, 4° Φ Paper, \$1.50 (OTS: 64-21269).
- 5020 22706. Use of recirculators for compression of frequency-modulated pulses, USSR [with bibliography]; by V. V. Lebedev. Jan. 13, 1964. [2]+12 p. il. 4° [From Radiotekhnika v. 18, no. 11, 1963.] Φ Paper, 50c. (OTS: 64-21270).
- 5021 22707. Translations from Acta geographica Sinica, no. 2, 1963, Communist China [with bibliographies]. Jan. 13, 1964. [2]+a+91 p. 4° Φ Paper, \$2.25. (OTS: 64-21271).
- 5022 22708. Translations on international Communist developments, no. 550. Jan. 13, 1964. [2]+a-b+78 p. 4° Φ Paper, \$2.25.
- 5023 22709. Kiev economic administrative region, its specialized and overall development, USSR; edited by I. A. Kuhukalo. Jan. 13, 1964. [2]+a-b+128 p. 4° Φ Paper, \$2.75.
- 5024 22710. USSR industrial development: Soviet chemical industry, no. 135. Jan. 13, 1964. [2]+a-c+173 p. 4° Φ Paper, \$3.00 (OTS: 64-21272).
- 5025 22711. Vestnik Akademii Meditsinskikh Nauk SSSR (Herald of Academy of Medical Sciences USSR), v. 18, no. 11, 1963. Jan. 13, 1964. [2]+a+b+152 p. il. 4° Φ Paper, \$3.00 (OTS: 64-21273).
- 5026 22712. Military information on East Europe: no. 77, Struggle for high level of combat readiness and to educate conscientious and ideologically convinced soldiers [speech by Dobri Dzhurov]. Jan. 13, 1964. [2]+11 p. 4° [From Narodna armiya, Dec. 14, 1963.] Φ Paper, 50c.
- 5027 22713. Nitrogen balance of infants fed on ionite milk in acute gastrointestinal diseases, USSR [with bibliography]; by M. A. Bal'van. Jan. 13, 1964. [2]+8 p. 4° [From Pediatriya, v. 42, no. 11, 1963.] Φ Paper, 50c. (OTS: 64-21274).
- 5028 22714. Variation in content of fission products of cystoseira in Black Sea, USSR [with bibliography]; by V. V. Glazunov, et al. Jan. 13, 1964. [2]+p. il. 4° [From Doklady Akademii Nauk SSSR, v. 152, no. 5, 1963.] Φ Paper, 50c. (OTS: 64-21275).
- 5029 22715. Inzhenerno-fizicheskiy zhurnal (Journal of engineering physics), v. 6, no. 7, July 1963, USSR. Jan. 13, 1964. [2]+a-c+181 p. il. 4° Φ Paper, \$3.00 (OTS: 64-21276).
- 5030 22716. Communist Chinese scientific abstracts, no. 1. Jan. 13, 1964. [2] p.+a-b+34 leaves, 4° [Previously published as abstracts pertaining to Communist China in Soviet abstracts journals.] Φ Paper, \$1.00 (OTS: 64-21277).
- 5031 22717. Pedagogy and cybernetics, Rumania; by Stanciu Stoian. Jan. 14, 1964. [2]+13 p. 4° [From Revista de pedagogie, v. 12, no. 10, Oct. 1963.] Φ Paper, 50c. (OTS: 64-21278).
- 5032 22718. Phenogenetic analysis of variability in plant populations, USSR by V. A. Dragavtsev. Jan. 14, 1964. [2]+13 p. il. 4° [From Khabarshy (vestnik), no. 10, 1963.] Φ Paper, 50c. (OTS: 64-21279).
- 5033 22719. Comparative radiosensitivity of inherited structures of cells of mammaia in vitro, USSR [with bibliography]; by L. I. Lebedeva et al. Jan. 14, 1964. [2] p.+3 leaves, 4° [From Doklady Akademii Nauk SSSR, v. 152, no. 5, 1963.] Φ Paper, 50c. (OTS: 64-21280).
- 5034 22720. Soviet economic system: Structure and policy, no. 113. Jan. 14, 1964. [2]+a+48 p. 4° Φ Paper, \$1.25.
- 5035 22721. East European scientific abstracts: Biology and medicine, no. 4. Jan. 14, 1964. [2] p.+a+6 leaves, 4° Φ Paper, 50c. (OTS: 64-21281).
- 5036 22722. USSR industrial development: Soviet tractors and agricultural machinery, no. 110. Jan. 14, 1964. [2]+a+21 p. 4° Φ Paper, 75c. (OTS: 64-21282).
- 5037 22723. Abstracts from East European legal journals, no. 189 (Yugoslavia). Jan. 14, 1964. [2]+13 p. 4° Φ Paper, 50c.
- 5038 22724. USSR industrial development: Soviet metalworking equipment, no. 88 (Difficulties in manufacture of diamond tools). Jan. 14, 1964. [2] p.+4 leaves, 4° Φ Paper, 50c. (OTS: 64-21283).
- 5039 22725. Military information on East Europe, no. 78 (National defense and Army welfare). Jan. 14, 1964. [2]+6 p. 4° Φ Paper, 50c.
- 5040 22726. Physical geography of Bulgaria; by Zh.Gulubov et al. Jan. 14, 1964. [2]+a-c+412 p. il. 4° [Includes list of sources.] Φ Paper, \$6.00 (OTS: 64-21284).
- 5041 22727. Summary of Polish provincial press, no. 319 (Dec. 3-9, 1963). Jan. 14, 1964. [2]+a-b+32 p. 4° [Includes list of newspaper sources.] Φ Paper, \$1.00.
L.C. card 58-60883

*For Sale by Superintendent of Documents
 †Distribution Made by Issuing Office
 ‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

MARCH 1964

- 5042 22728. USSR scientific abstracts: Chemistry and metallurgy, no. 6. Jan. 14, 1964. [2] p.+a+85 leaves, il. 4° Φ Paper, \$2.25 (OTS: 64-21285).
- 5043 22729. Studies on reservoirs in China [articles]. Jan. 14, 1964. [2]+a+6 p. 4° Φ Paper, 50c. (OTS: 64-21286).
- 5044 22730. Programmed teaching of chemistry, USSR [with list of references]; by S. G. Shapovalenko. Jan. 14, 1964. [2]+16 p. 4° [From Khimiya v shkole, v. 18, no. 5, Sept.-Oct. 1963.] Φ Paper, 50c. (OTS: 64-21287).
- 5045 22731. Technological progress in chemical industry of USSR and industrial hygiene; by A. S. Arkhipov. Jan. 14, 1964. [2]+7 p. 4° [From Gigyena truda i professional 'nyye zabolevaniya, v. 7, no. 11, Nov. 1963.] Φ Paper, 50c. (OTS: 64-21288).
- 5046 22732. Cholinergic processes in pathology, USSR [Conclusion and table of contents]; by Danil Y. Al'pern. Jan. 14, 1964. [2]+a+16 p. 4° Φ Paper, 50c. (OTS: 64-21289).
- 5047 22733. New members of Polish Academy of Sciences [1962]. Jan. 14, 1964. [2]+21 p. 4° [From Nauka Polska, v. 10, no. 5, 1962.] Φ Paper, 75c. (OTS: 64-21290).
- 5048 22734. USSR industrial development: Soviet construction machinery, no. 48. Jan. 14, 1964. [2]+a+25 p. il. 4° Φ Paper, 75c. (OTS: 64-21291).
- 5049 22735. Soviet research on factors affecting man's visual and auditory analyzers [articles, with bibliographies]. Jan. 14, 1964. [2]+a+20 p. il. 4° [From Fiziologicheskii zhurnal SSSR imeni I. M. Sechenova, v. 49, no. 9, Sept. 1963.] Φ Paper, 75c. (OTS: 64-21292).
- 5050 22736. USSR industrial development: Soviet ferrous metallurgy, no. 168. Jan. 15, 1964. [2]+a+21 p. il. 4° Φ Paper, 75c. (OTS: 64-21293).
- 5051 22737. Translations on North Vietnam's economy, no. 77. Jan. 15, 1964. [2]+a+20 p. 4° Φ Paper, 75c.
- 5052 22738. USSR industrial development: Soviet tractors and agricultural machinery, no. 111. Jan. 15, 1964. [2]+a+38 p. il. 4° Φ Paper, \$1.00 (OTS: 64-21294).
- 5053 22739. USSR industrial development: Soviet construction machinery, no. 49. Jan. 15, 1964. [2]+a+29 p. 4° Φ Paper, \$1.00 (OTS: 64-21295).
- 5054 22740. Translations of political and sociological information on North Korea, no. 50. Jan. 15, 1964. [2]+a+34 p. 4° Φ Paper, \$1.00.
- 5055 22741. Recent developments in high-altitude weather forecasting, USSR [articles, with bibliographies]. Jan. 15, 1964. [2]+a+29 p. il. 4° [From Trudy tsentral'nogo instituta prognozov, no. 120, 1963.] Φ Paper, \$1.00 (OTS: 64-21296).
- 5056 22742. USSR industrial development: Soviet automotive industry, no. 49. Jan. 15, 1964. [2]+a+21 p. il. 4° Φ Paper, 75c. (OTS: 64-21297).
- 5057 22743. Translations on Communist China's agriculture, animal husbandry and materials, no. 82. Jan. 15, 1964. [2]+a-b+75 p. 4° Φ Paper, \$2.00.
- 5058 22744. USSR industrial development: Soviet chemical industry, no. 136. Jan. 15, 1964. [2]+a-b+85 p. 4° Φ Paper, \$2.25 (OTS: 64-21298).
- 5059 22745. Translations on East European materials industries, no. 140. Jan. 15, 1964. [2]+a+40 p. 4° Φ Paper, \$1.25.
- 5060 22746. Titanium alloy sheet stamping, USSR; by Yu. P. Davydov and G. V. Pokrovskiy. Jan. 15, 1964. [2]+a+87 p. il. 4° Φ Paper, \$2.25. (OTS: 64-21299).
- 5061 22747. Translations on Communist China's trade, finance, transportation and communications, no. 82. Jan. 15, 1964. [2]+a+22 p. 4° Φ Paper, 75c.
- 5062 22748. USSR industrial development: Soviet electrical equipment, no. 82. Jan. 15, 1964. [2]+a+17 p. 4° Φ Paper, 50c. (OTS: 64-21300).
- 5063 22749. Abstracts from East European legal journals, no. 190 (Bulgaria). Jan. 15, 1964. [2]+9 p. 4° Φ Paper, 50c.
- 5064 22750. Translations on East European service industries, no. 221. Jan. 15, 1964. [2]+a+10 p. 4° Φ Paper, 50c.
- 5065 22751. Translation of Pravda editorial, USSR, no. 209 (Jan. 10, 1964). Jan. 15, 1964. [2] p.+3 leaves, 4° Φ Paper, 50c.
- 5066 22752. Translations of political and sociological information on Communist China, no. 138. Jan. 15, 1964. [2]+a-b+165 p. 4° Φ Paper, \$3.00.
- 5067 22753. USSR industrial development: Soviet ferrous metallurgy, no. 169. Jan. 16, 1964. [2]+a+17 p. 4° Φ Paper, 50c. (OTS: 64-21301).
- 5068 22754. Use of aqueous solutions of polyvinylpyrrolidone to prolong action of penicillin and streptomycin, USSR [with bibliography]; by A. V. Kochetkova et al. Jan. 16, 1964. [2]+8 p. 4° [From Antibiotiki, v. 8, no. 12, 1963.] Φ Paper, 50c. (OTS: 64-21302).
- 5069 22755. Transport of mineral fertilizer and chemicals, USSR [articles]. Jan. 16, 1964. [2]+a+20 p. 4° [From Zheleznodorozhnyy transport, no. 12, Dec. 1963.] Φ Paper, 75c.
- 5070 22756. East European scientific abstracts: Electronics, engineering and space research, no. 2. Jan. 16, 1964. [2] p.+a+4 leaves, 4° Φ Paper, 50c. (OTS: 64-21303).
- 5071 22757. USSR industrial development: Soviet construction machinery, no. 50. Jan. 16, 1964. [2]+a+25 p. il. 4° Φ Paper, 75c. (OTS: 64-21304).
- 5072 22758. Summary of Czechoslovak provincial press, no. 242 (Nov. 21-30, 1963). Jan. 16, 1964. [2]+a-b+13 p. 4° Φ Paper, 50c.
L.C. card 59-60695

*For Sale by Superintendent of Documents

Φ For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

JPRS (series)—Continued

- 5073 22759. Head shock wave in front of earth and its effect on radiation belts, USSR [with bibliography]; by M. A. Gintsburg. Jan. 16, 1964. [2] p.+4 leaves, 4° [From Geomagnetizm i seronomiya, v. 3, no. 6, Nov.-Dec. 1963.] Φ Paper, 50c. (OTS: 64-21305).
- 5074 22760. Index of La Stampa and La Stampa sera, no. 189 (Dec. 23-29, 1963). Jan. 16, 1964. [2]+7 p. 4° Φ Paper, 50c.
L.C. card 58-60868
- 5075 22761. USSR industrial development: Soviet chemical industry, no. 137. Jan. 16, 1964. [2]+a-b+69 p. 4° Φ Paper, \$2.00 (OTS: 64-21306).
- 5076 22762. Proceedings of National Conference on Pharmaceutics (Bucharest, Nov. 14-16, 1963), Bulgaria. Jan. 16, 1964. [2]+14 p. 4° [From Muncitorul sanitar, Nov. 23, 1963.] Φ Paper, 50c. (OTS: 64-21307).
- 5077 22763. Translations on Communist China's industry, mining, fuels and power, no. 54. Jan. 16, 1964. [2]+a+20 p. 4° Φ Paper, 75c.
- 5078 22764. Economic report on North Korea, no. 108. Jan. 16, 1964. [2]+a+17 p. 4° Φ Paper, 50c.
L.C. card 58-60951
- 5079 22765. Translations on Africa, no. 30 (Tunisia enters era of solar energy). Jan. 16, 1964. [2]+9 p. 4° Φ Paper, 50c.
- 5080 22766. Translations on Communist China's science and technology, no. 67. Jan. 16, 1964. [2]+a+56 p. il. 4° Φ Paper, \$1.50 (OTS: 64-21308).
- 5081 22767. Contribution to experimental determination of diffusion parameters of gases in atmosphere, Czechoslovakia [with bibliography]; by L. Nemeč. Jan. 16, 1964. [2]+8 p. 4° [From Meteorologické zpravy, v. 16, no. 3-4, Aug. 31, 1963.] Φ Paper, 50c. (OTS: 64-21309).
- 5082 22768. Translations of Pravda editorials, USSR, no. 210 (Jan. 9, 11 and 12, 1964). Jan. 15, 1964. [2]+a+10 p. 4° Φ Paper, 50c.
- 5083 22769. Translations on economic organization and management in Eastern Europe, no. 283. Jan. 16, 1964. [2]+a+28 p. 4° Φ Paper, 75c.
- 5084 22770. Index of Le Monde, no. 44 (Dec. 1-31, 1963). Jan. 16, 1964. [2]+61 p. 4° Φ Paper, \$1.75.
L.C. card 58-60878
- 5085 22771. USSR industrial development: Soviet regional economy, no. 94. Jan. 16, 1964. [2]+a-b+42 p. 4° Φ Paper, \$1.25 (OTS: 64-21310).
- 5086 22772. USSR industrial development: General information on Soviet machinery industries, no. 10. Jan. 16, 1964. [2]+a+29 p. 4° Φ Paper, \$1.00 (OTS: 64-21311).
- 5087 22773. Communist Chinese scientific abstracts, no. 2. Jan. 16, 1964. [2] p.+a+14 leaves, 4° Φ Paper, 50c. (OTS: 64-21312).
- 5088 22774. Translations on USSR electric power, no. 44. Jan. 16, 1964. [2]+a+47 p. 4° Φ Paper, \$1.25.
- 5089 22775. USSR industrial development: Soviet power machinery, no. 23. Jan. 16, 1964. [2]+a+26 p. 4° Φ Paper, 75c. (OTS: 64-21313).
- 5090 22776. USSR industrial development: Soviet metalworking equipment, no. 89. Jan. 16, 1964. [2]+a+16 p. il. 4° Φ Paper, 50c. (OTS: 64-21314).
- 5091 22777. Communist Chinese scientific abstracts, no. 3. Jan. 16, 1964. [2] p.+a-b+21 leaves, 4° Φ Paper, 75c. (OTS: 64-21315).
- 5092 22778. Cytological analysis of radiosensitivity of similar tissues in different species of mammals, USSR [with bibliography]; by G. A. Chudinovskaya and O. N. Kiyayeva. Jan. 16, 1964. [2]+13 p. il. 4° [From Zhurnal obshchey biologii, v. 24, no. 6, 1963.] Φ Paper, 50c. (OTS: 64-21316).
- 5093 22779. Translations on international Communist developments, no. 551. Jan. 16, 1964. [2]+a-b+101 p. 4° Φ Paper, \$2.50.
- 5094 22780. USSR industrial development: Soviet chemical industry, no. 138 (Ways of mechanizing and automating chemical industry of Lithuanian SSR). Jan. 17, 1964. [2] p.+3 leaves, 4° Φ Paper, 50c. (OTS: 64-21317).
- 5095 22781. Soviet research on heat resistant steels and alloys; [by Fedor F. Khimushin]. Jan. 17, 1964. [2]+a+19 p. il. 4° Φ Paper, 75c. (OTS: 64-21318).
- 5096 22782. Electromyography of human skeletal muscle tone in normal and pathological state, USSR; [by Yudiř S. Yusevich]. Jan. 17, 1964. [2]+a+26 p. il. 4° Φ Paper, 75c. (OTS: 64-21319).
- 5097 22783. Facts and opinions in debate on use of mathematics, Hungary; by Laszlo Alpar. Jan. 17, 1964. [2]+24 p. 4° [From Magyar tudomány, v. 8, no. 9, 1963.] Φ Paper, 75c. (OTS: 64-21320).
- 5098 22784. Abstracts on zooparasitology (Referativnyy zhurnal, biologiya), USSR, no. 6, 1963. Jan. 17, 1964. [2]+a-b+33 p. 4° Φ Paper, \$1.00 (OTS: 64-21321).
- 5099 22785. USSR industrial development: Soviet regional economy, no. 95. Jan. 17, 1964. [2]+a+29 p. 4° Φ Paper, \$1.00 (OTS: 64-21322).
- 5100 22786. Index of La Stampa and La Stampa sera, no. 190 (Dec. 30, 1963-Jan. 5, 1964). Jan. 17, 1964. [2]+7 p. 4° Φ Paper, 50c.
L.C. card 58-60868
- 5101 22787. Communist Chinese scientific abstracts, no. 4. Jan. 17, 1964. [2] p.+a+3 leaves, 4° Φ Paper, 50c. (OTS: 64-21323).

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 5102 22788. Future development of scientific qualification and training of aspirants, Hungary; by Gabor Tolnai. Jan. 17, 1964. [2]+8 p. 4° [From Magyar tudomány, v. 8, no. 9, 1963.] Φ Paper, 50c. (OTS: 64-21324).
- 5103 22789. Soviet economic system: Current developments, no. 15. Jan. 17, 1964. [2]+a-c+25 p. il. 4° Φ Paper, 75c.
- 5104 22790. East European scientific abstracts: General, no. 1. Jan. 17, 1964. [2] p.+a+16 leaves, 4° Φ Paper, 50c. (OTS: 64-21325).
- 5105 22791. East European scientific abstracts: Biology and medicine, no. 5. Jan. 17, 1964. [2] p.+a+6 leaves, 4° Φ Paper, 50c. (OTS: 64-21326).
- 5106 22792. Communist Chinese scientific abstracts, no. 5. Jan. 17, 1964. [2] p.+a+14 leaves, 4° Φ Paper, 50c. (OTS: 64-21327).
- 5107 22793. USSR scientific abstracts: Biology and medicine, no. 7. Jan. 17, 1964. [2] p.+a-b+181 leaves, 4° Jan. 17, 1964. Φ Paper, \$3.00 (OTS: 64-21328).
- 5108 22794. Biography of Boris Aleksandrovich Arhuzov, USSR; by G. Kh. Kamay and V. A. Kukhtin. Jan. 17, 1964. [2]+9 p. 4° [From Zhurnal obshchey khimii, v. 33, no. 11.] Φ Paper, 50c. (OTS: 64-21329).
- 5109 22795. USSR industrial development: Soviet electrical equipment, no. 83. Jan. 17, 1964. [2]+a-b+31 p. 4° Φ Paper, \$1.00 (OTS: 64-21330).
- 5110 22796. East European scientific abstracts: Chemistry, no. 3. Jan. 17, 1964. [2] p.+a+15 leaves, 4° Φ Paper, 50c. (OTS: 64-21331).
- 5111 22797. USSR industrial development: Soviet ferrous metallurgy, no. 170. Jan. 17, 1964. [2]+a-b+33 p. 4° Φ Paper, \$1.00 (OTS: 64-21332).
- 5112 22798. Methods of climate control, USSR; by N. P. Kusin and L. A. Flit. Jan. 17, 1964. [2]+a+93 p. il. 4° [From Chelovek menyayet klimat.] Φ Paper, \$2.25 (OTS: 64-21333).
- 5113 22799. Cybernetics and electronic computer [computer] technology, USSR [with lists of references]; edited by L. P. Krayzmer. Jan. 20, 1964. [2]+a-b+171 p. il. 4° Φ Paper, \$3.00 (OTS: 64-21334).
- 5114 22800. Strengthening of national defense and socialist construction and advantages of militarization, Communist China [articles]. Jan. 20, 1964. [2]+a+107 p. 4° Φ Paper, \$2.50.
- 5115 22801. Translations on Africa, no. 31. Jan. 20, 1964. [2]+a+21 p. 4° Φ Paper, 75c.
- 5116 22802. Microbiological investigation of inland reservoirs, USSR [with bibliography]; by S. I. Kuznetsov and V. I. Romanenko. Jan. 20, 1964. [2]+a-d+169 p. il. 4° Φ Paper, \$3.00 (OTS: 64-21335).
- 5117 22803. Translations of political and sociological information on Communist China, no. 139. Jan. 20, 1964. [2]+a+40 p. 4° Φ Paper, \$1.25.
- 5118 22804. USSR industrial development: Soviet electrical equipment, no. 84. Jan. 20, 1964. [2]+a-c+68 p. 4° Φ Paper, \$2.00 (OTS: 64-21336).
- 5119 22805. USSR industrial development: Soviet chemical industry, no. 139. Jan. 20, 1964. [2]+a-c+107 p. 4° Φ Paper, \$2.50 (OTS: 64-21337).
- 5120 22806. Translations on Middle East, no. 74. Jan. 20, 1964. [2]+a+27 p. 4° Φ Paper, 75c.
- 5121 22807. Summary of Czechoslovak provincial press, no. 243 (Oct. 31-Dec. 5, 1963). Jan. 20, 1964. [2]+a-b+11 p. 4° Φ Paper, 50c. L.C. card 59-60695
- 5122 22808. Economic report on North Korea, no. 109 (Experiences with prefabricated housing in Democratic People's Republic of Korea). Jan. 20, 1964. [2]+19 p. 4° Φ Paper, 50c.
- 5123 22809. Translations on south and east Asia, no. 49. Jan. 20, 1964. [2]+a+22 p. 4° Φ Paper, 75c.
- 5124 22810. Translations on East European agriculture, forestry and food industries, no. 219. Jan. 20, 1964. [2]+a+28 p. 4° Φ Paper, 75c.
- 5125 22811. USSR industrial development: Soviet chemical machine building, no. 40. Jan. 20, 1964. [2]+a+11 p. 4° Φ Paper, 50c. (OTS: 64-21338).
- 5126 22812. Communist Chinese scientific abstracts, no. 6. Jan. 20, 1964. [2] p.+a+9 leaves, 4° Φ Paper, 50c. (OTS: 64-21339).
- 5127 22813. Translations on international Communist developments, no. 552. Jan. 20, 1964. [2]+a-b+100 p. 4° Φ Paper, \$2.50.
- 5128 22814. Cybernetics, philosophical and sociological problems, USSR [with bibliography]; by I. Novik. Jan. 20, 1964. [2]+a-b+213 p. 4° Φ Paper, \$3.50 (OTS: 64-21340).
- 5129 22815. Soviet-bloc research in geophysics, astronomy, and space. See Appendix entry in February monthly catalog.
- 5130 22816. Indonesian press survey, no. 48 (Oct. 22-Dec. 18, 1963). Jan. 20, 1964. [2]+a-b+29 p. 4° Φ Paper, \$1.00.
- 5131 22817. Translation of Pravda editorial, USSR, no. 211 (Jan. 15, 1964). Jan. 20, 1964. [2]+4 p. 4° Φ Paper, 50c.
- 5132 22818. Natural science research and activities in Aral region, USSR [articles, with bibliography]. Jan. 20, 1964. [2]+a+14 p. il. 4° [From Byulleten' moskovskogo obshchestva ispytateley prirody, otdel biologicheskii v. 68, no. 4, July-Aug. 1963.] Φ Paper, 50c. (OTS: 64-21341).
- 5133 22819. USSR industrial development: Soviet metalworking equipment, no. 90. Jan. 20, 1964. [2]+a-b+20 p. 4° Φ Paper, 75c. (OTS: 64-21342).
- 5134 22820. USSR industrial development: Soviet automotive industry, no. 50. Jan. 20, 1964. [2]+a+17 p. 4° Φ Paper, 50c. (OTS: 64-21343).
- 5135 22821. Translations on Cuba, no. 97. Jan. 20, 1964. [2]+a-c+151 p. 4° Φ Paper, \$3.00.

*For Sale by Superintendent of Documents

Φ For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

JPRS (series)—Continued

- 5136 22822. Brain and cybernetics, USSR; by A. V. Napalkov and N. A. Chichvarina. Jan. 21, 1964. [2]+a+55 p. 4° Φ Paper, \$1.50 (OTS: 64-21344).
- 5137 22823. USSR industrial development; Soviet metalworking equipment, no. 91. Jan. 21, 1964. [2]+a+11 p. 4° Φ Paper, 50c. (OTS: 64-21345).
- 5138 22824. Summary of Polish provincial press, no. 320 (Dec. 10-16, 1963). Jan. 21, 1964. [2]+a-b+37 p. 4° [Includes list of newspaper sources.] Φ Paper, \$1.00.
L.C. card 58-60883
- 5139 22825. Marxist-Leninist gnosiology and problem of sign and meaning, USSR; by M. B. Mitin. Jan. 21, 1964. [2]+13 p. 4° [From Voprosy filosofii, v. 17, no. 6, 1963.] Φ Paper, 50c. (OTS: 64-21346).
- 5140 22826. Review of Social sciences and Communism, USSR; by V. Zh. Kelle and M. Ya. Koval'zon. Jan. 21, 1964. [2]+12 p. 4° [From Voprosy filosofii, v. 17, no. 6.] Φ Paper, 50c.
- 5141 22827. Information on Soviet nuclear power engineering. Jan. 21, 1964. [2]+a+7 p. il. 4° [From Izvestiya, Jan. 7, 1964 and Pravda, Dec. 23, 1963.] Φ Paper, 50c. (OTS: 64-21347).
- 5142 22828. Are multi-value calculi logic? USSR; by V. I. Svintsov. Jan. 21, 1964. [2]+4 leaves, 4° [from Voprosy filosofii, v. 17, no. 5, 1963.] Φ Paper, 50c. (OTS: 64-21348).
- 5143 22829. Summary of Hungarian provincial press, no. 293 (Oct. 22-27, 1963). Jan. 21, 1964. [2]+a-d+33 p. 4° Φ Paper, \$1.00.
L.C. card 58-60912
- 5144 22830. Subject and methods of modern biophysics, USSR; by Yu. N. Polyanskiy. Jan. 21, 1964. [2]+7 p. 4° [From Voprosy filosofii, v. 17, no. 6.] Φ Paper, 50c. (OTS: 64-21349).
- 5145 22831. Chemistry in agriculture, USSR; by N. Sisakyan. Jan. 24, 1964. [2]+6 p. 4° [From Pravda, Dec. 9, 1963.] Φ Paper, 50c. (OTS: 64-21350).
- 5146 22832. Communist Chinese scientific abstracts, no. 7. Jan. 21, 1964. [2] p.+a-b+48 leaves, 4° Φ Paper, \$1.50 (OTS: 64-21351).
- 5147 22833. USSR industrial development; Soviet regional economy, no. 96. Jan. 21, 1964. [2]+a+34 p. 4° Φ Paper, \$1.00 (OTS: 64-21352).
- 5148 22834. Translations on East European service industries, no. 222. Jan. 21, 1964. [2]+a+33 p. 4° Φ Paper, \$1.00.
- 5149 22835. East European scientific abstracts; Chemistry, no. 4. Jan. 21, 1964. [2] p.+a+22 leaves, 4° Φ Paper, 75c. (OTS: 64-21353).
- 5150 22836. Summary of Bulgarian provincial press, no. 198 (Oct. 3-Dec. 10, 1963). Jan. 21, 1964. [2]+a-c+11 p. 4° Φ Paper, 50c.
- 5151 22837. Communist Chinese scientific abstracts, no. 8. Jan. 21, 1964. [2] p.+a+9 leaves, 4° Φ Paper, 50c. (OTS: 64-21354).
- 5152 22838. Studies on preparation and preservation of fodder, USSR [with bibliographies]. Jan. 21, 1964. [2]+a+53 p. 4° Φ Paper, \$1.50 (OTS: 64-21355).
- 5153 22839. Index of La Stampa and La Stampa sera, no. 191 (Jan. 6-12, 1964). Jan. 21, 1964. [2]+11 p. 4° Φ Paper, 50c.
L.C. card 58-60868
- 5154 22840. Ultrasonics, physicochemical and biological action [selections], USSR; [by I. Ye. El'piner]. Jan. 21, 1964. [2]+a+35 p. il. 4° Φ Paper, \$1.00 (OTS: 64-21356).
- 5155 22841. Translations on international Communist developments, no. 553. Jan. 21, 1964. [2]+a+37 p. 4° Φ Paper, \$1.00.
- 5156 22842. Biographies of Soviet scientists. Jan. 21, 1964. [2]+a+32 p. 4° Φ Paper, \$1.00 (OTS: 64-21357).
- 5157 22843. Druzhba oil pipeline and prospects for development of Polish chemistry; by A. Radlinskiy. Jan. 22, 1964. [2]+8 p. 4° [From Ekonomicheskaya gazeta, no. 49, Dec. 7, 1963.] Φ Paper, 50c.
- 5158 22844. Geological Institute of Bulgarian Academy of Science in service of science and geological practice; by E. Bonchev. Jan. 22, 1964. [2]+11 p. 4° [From Priroda, v. 12, no. 4.] Φ Paper, 50c. (OTS: 64-21358).
- 5159 22845. USSR industrial development; Soviet metalworking equipment, no. 92 (Improvements and innovations at Gorkiy Milling Machines Plant). Jan. 22, 1964. [2]+17 p. 4° Φ Paper, 50c. (OTS: 64-21359).
- 5160 22846. USSR industrial development; Soviet regional economy, no. 97. Jan. 22, 1964. [2]+a+43 p. 4° Φ Paper, \$1.25 (OTS: 64-21360).
- 5161 22847. Summary of Hungarian provincial press, no. 294 (Oct. 29-Nov. 3, 1963) [with bibliography]. Jan. 22, 1964. [2]+a-c+33 p. 4° Φ Paper, \$1.00.
L.C. card 58-60912
- 5162 22848. East European scientific abstracts; Chemistry, no. 5. Jan. 22, 1964, [2] p.+a+13 leaves, 4° Φ Paper, 50c. (OTS: 64-21361).
- 5163 22849. Translations on Middle East, no. 75. Jan. 22, 1964. [2]+a-b+100 p. 4° Φ Paper, \$2.50.
- 5164 22850. USSR industrial development; Soviet precision equipment, no. 128. Jan. 22, 1964. [2]+a+14 p. 4° Φ Paper, 50c. (OTS: 64-21362).
- 5165 22851. Communist Chinese scientific abstracts, no. 9. Jan. 22, 1964. [2]+a+22 leaves, 4° Φ Paper, 75c. (OTS: 64-21363).

*For Sale by Superintendent of Documents
 †Distribution Made by Issuing Office
 ‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

MARCH 1964

- 5166 22852. Lower Carboniferous deposits of middle Tien Shan and Talas-Fergana fault, USSR [with bibliography]; by V. S. Burtman. Jan. 22, 1964. [2]+21 p. il. 4° [From Izvestiya vysshikh uchebnykh zavedeniy, Geologiya i razvedka, no. 9, Oct. 1962.] Φ Paper, 75c. (OTS: 64-21364).
- 5167 22853. Translations on south and east Asia, no. 50. Jan. 22, 1964. [2]+a+61 p. 4° Φ Paper, \$1.75.
- 5168 22854. USSR international economic relations, no. 3. Jan. 22, 1964. [2]+a+64 p. 4° Φ Paper, \$1.75.
- 5169 22855. USSR scientific abstracts: Electronics and engineering, no. 7. Jan. 22, 1964. [2] p.+a+113 leaves, il. 4° Φ Paper, \$2.50 (OTS: 64-21365).
- 5170 22856. USSR scientific abstracts: Physics and mathematics, no. 7. Jan. 22, 1964. [2] p.+a-b+145 leaves, 4° Φ Paper, \$2.75 (OTS: 64-21366).
- 5171 22857. Translation of Pravda editorial, USSR, no. 212 (Jan. 17, 1964). Jan. 22, 1964. [2] p.+4 leaves, 4° Φ Paper, 50c.
- 5172 22858. Epidemiology reports from the world press, no. 2. Jan. 23, 1964. [2]+a-b+13 p. 4° Φ Paper, 50c. (OTS: 64-21367).
- 5173 22859. Translations on Mongolia, no. 44. Jan. 23, 1964. [2]+a+48 p. 4° Φ Paper, \$1.25.
- 5174 22860. USSR industrial development: Soviet regional economy, no. 98. Jan. 23, 1964. [2]+a+31 p. 4° Φ Paper, \$1.00 (OTS: 64-21368).
- 5175 22861. Communist Chinese scientific abstracts, no. 10. Jan. 23, 1964. [2] p.+a+7 leaves, 4° Φ Paper, 50c. (OTS: 64-21369).
- 5176 22862. Soviet science and education. Jan. 23, 1964. [2]+a+28 p. 4° Φ Paper, 75c. (OTS: 64-21370).
- 5177 22863. Translation of Pravda editorial, USSR, no. 213 (Jan. 19, 1964). Jan. 23, 1964. [2] p.+5 leaves, 4° Φ Paper, 50c.
- 5178 22864. News of higher educational institutions, Ministry of Higher and Secondary Specialized Education, USSR: Instrument building v. 6, no. 3, 1963 [with bibliographies]. Jan. 23, 1964. [2]+a-c+239 p. il. 4° Φ Paper, \$3.50 (OTS: 64-21371).
- 5179 22865. Translations on international Communist developments, no. 554. Jan. 23, 1964. [2]+a+74 p. 4° Φ Paper, \$2.00.
- 5180 22866. USSR industrial development: Soviet tractors and agricultural machinery, no. 112. Jan. 23, 1964. [2]+a+28 p. 4° Φ Paper, 75c. (OTS: 64-21372).
- 5181 22867. Translations on economic organization and management in Eastern Europe, no. 284. Jan. 23, 1964. [2]+a+21 p. 4° Φ Paper, 75c.
- 5182 22868. Summary of Polish provincial press, no. 321 (Dec. 17-23, 1963). Jan. 24, 1964. [2]+a-b+38 p. 4° [Includes list of newspaper sources.] Φ Paper, \$1.25.
L.C. card 58-60883
- 5183 22869. USSR industrial development: Soviet precision equipment, no. 129. Jan. 24, 1964. [2]+a+26 p. 4° Φ Paper, 75c. (OTS: 64-21373).
- 5184 22870. East European scientific abstracts: Biology and medicine, no. 6. Jan. 24, 1964. [2] p.+a+21 leaves, 4° Φ Paper, 75c. (OTS: 64-21374).
- 5185 22871. Translations on East European agriculture, forestry and food industries, no. 220. Jan. 24, 1964. [2]+a+30 p. il. 4° Φ Paper, \$1.00.
- 5186 22872. Translations on East European foreign trade, no. 144 (Imports of machinery into Yugoslavia, 1957-61). Jan. 24, 1964. [2]+24 p. 4° [From Tehnika, v. 18, no. 12, 1963.] Φ Paper, 75c.
- 5187 22873. Translations on East European heavy industry, no. 158. Jan. 24, 1964. [2]+a+35 p. il. 4° Φ Paper, \$1.00.
- 5188 22874. Translations from Hoc tap (studies), no. 12, 1963, North Vietnam (U.S. Imperialists certain to be completely defeated in South Vietnam). Jan. 24, 1964. [2]+8 p. 4° Φ Paper, 50c.
- 5189 22875. Sociological translations on Eastern Europe, no. 193. Jan. 24, 1964. [2]+a+14 p. 4° Φ Paper, 50c.
L.C. card 59-61088
- 5190 22876. Translations on East European service industries, no. 223 (Development of foodstuffs industry in Rumania under 6-year plan, 1959-65). Jan. 24, 1964. [2]+18 p. 4° [From Tehnika, v. 17, no. 12, Dec. 1963.] Φ Paper, 50c.
- 5191 22877. Translations of political and sociological information on Communist China, no. 140. Jan. 24, 1964. [2]+a+11 p. 4° Φ Paper, 50c.
- 5192 22878. Planet Mars discussed in popular science articles, USSR [with literature on Mars]. Jan. 24, 1964. [2]+a+34 p. 4° [From Mars.] Φ Paper, \$1.00 (OTS: 64-21375).
- 5193 22879. Treatment of radiation injury and sickness, USSR. Jan. 24, 1964. [2]+a+35 p. il. 4° [From Meditsinskaya Radiologiya, Nov. 1963.] Φ Paper, \$1.00 (OTS: 64-21376).
- 5194 22880. Summary of Czechoslovak provincial press, no. 244 (Nov. 22-Dec. 17, 1963). Jan. 24, 1964. [2]+a-b+12 p. 4° Φ Paper, 50c.
L.C. card 59-60695
- 5195 22881. Translations on East European materials industries, no. 141 (Polish chemical industry in CMEA). Jan. 24, 1964. [2]+7 p. 4° [From Przemysl chemiczny, Nov. 1963.] Φ Paper, 50c.
- 5196 22882. East European scientific abstracts: Electronics, engineering and space research, no. 3. Jan. 24, 1964. [2] p.+a+6 leaves, 4° Φ Paper, 50c. (OTS: 64-21377).

*For Sale by Superintendent of Documents
 Φ For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

JPRS (series)—Continued

- 6197 22883. USSR industrial development: Soviet ferrous metallurgy, no. 171 (History and achievement of Zaporozhstal'Plant on occasion of its 30th anniversary). Jan. 24, 1964. [2]+8 p. 4° [From Metallurg, Nov. 11, 1963.] Φ Paper, 50c. (OTS: 64-21378).
- 6198 22884. Activities of Academy of Sciences, Kazakh SSR, USSR. Jan. 24, 1964. [2]+a+41 p. 4° [From Vestnik Akademii Nauk Kazakhskoy SSR, no. 9, Sept. 1963.] Φ Paper, \$1.25 (OTS: 64-21379).
- 5199 22885. Principal results and trends in world oil prospecting [with list of literature]; by M. K. Kalinko. Jan. 24, 1964. [2]+13 p. II. 4° [From Sovetskaya geologiya, July 1963.] Φ Paper, 50c. (OTS: 64-21380).
- 5200 22886. On nature of stratification of earth's crust and upper mantle, USSR [with bibliography]; by Yu. V. Riznichenko and I. P. Kosminskaya. Jan. 24, 1964. [2] p.+4 leaves, 4° [From Doklady Akademii Nauk SSSR, v. 153, no. 2, Nov. 11, 1963.] Φ Paper, 50c. (OTS: 64-21381).
- 5201 22887. East European scientific abstracts: Earth sciences, no. 2. Jan. 24, 1964. [2] p.+a+9 leaves, 4° Φ Paper, 50c. (OTS: 64-21382).
- 5202 22888. Geophysical investigation of structure of earth's crust in transition zone from Antarctic Continent to Indian Ocean between 55° and 100° east longitude, USSR [with bibliography]; by V. A. Gladun et al. Jan. 24, 1964. [2] p.+4 leaves, II. 4° [From Doklady Akademii Nauk SSSR, Nov. 11, 1963.] Φ Paper, 50c. (OTS: 64-21383).
- 5203 22889. USSR industrial development: Soviet chemical industry, no. 140. Jan. 24, 1964. [2]+a-c+79 p. 4° Φ Paper, \$2.25 (OTS: 64-21384).
- 5204 22890. Prospects for increasing range of hydroacoustical means of surveillance, USSR; by A. L. Prostakov. Jan. 24, 1964. [2]+10 p. II. 4° [From Morskoy sbornik, no. 11, 1963.] Φ Paper, 50c. (OTS: 64-21385).
- 5205 22891. Newsletter from South Vietnam; by Wilfred Burchett. Jan. 24, 1964. [2] p.+4 leaves, 4° [From Krasnaya zvezda, Dec. 20, 1963.] Φ Paper, 50c.
- 5206 22892. Physiology of act of attention, USSR [with bibliography]; by V. I. Patrushev and V. G. Zhukov. Jan. 24, 1964. [2]+8 p. II. 4° [From Voprosy psikhologii, no. 5, 1962.] Φ Paper, 50c. (OTS: 64-21386).
- 5207 22893. East European scientific abstracts: General, no. 2. Jan. 24, 1964. [2] p.+a+12 leaves, 4° Φ Paper, 50c. (OTS: 64-21387).
- 5208 22894. Equipment for processing refractory metals in electrovacuum industry, USSR [with bibliography]; by A. T. Aleksandrova, et al. Jan. 24, 1964. [2]+a-c+200 p. II. 4° Φ Paper, \$3.50 (OTS: 64-21388).
- 5209 22895. Translations of Pravda editorials, USSR, no. 214 (Jan. 20 and 21, 1964). Jan. 24, 1964. [2]+a+8 p. 4° Φ Paper, 50c.
- 5210 22896. Soviet economic system: Current developments, no. 16. Jan. 24, 1964. [2]+a-b+29 p. 4° Φ Paper, \$1.00.
- 5211 22897. Translations of political and sociological information on North Vietnam, no. 56. Jan. 24, 1964. [2]+a+16 p. 4° Φ Paper, 50c.
- 5212 22898. Translations on North Vietnam's economy, no. 78. Jan. 24, 1964. [2]+a+53 p. 4° Φ Paper, \$1.50.
- 5213 22899. Translations on East European agriculture, forestry and food industries, no. 221. Jan. 24, 1964. [2]+a+31 p. 4° Φ Paper, \$1.00.
- 5214 22900. USSR industrial development: Soviet chemical industry, no. 141. Jan. 24, 1964. [2]+a-b+75 p. 4° Φ Paper, \$2.00 (OTS: 64-21389).
- 5215 22901. Translations on economic organization and management in Eastern Europe, no. 285. Jan. 27, 1964. [2]+a+56 p. 4° Φ Paper, \$1.50.
- 5216 22902. Translations on Cuba, no. 98. Jan. 27, 1964. [2]+a+37 p. 4° Φ Paper, \$1.00.
- 5217 22903. Translations from Hung-ch'i (Red flag), no. 24, 1963, Communist China (Fighting task of workers in philosophy and social sciences). Jan. 27, 1964. [2]+38 p. 4° Φ Paper, \$1.00.
L.C. card 59-60699
- 5218 22904. Translations on East European materials industries, no. 142. Jan. 27, 1964. [2]+a+57 p. II. 4° Φ Paper, \$1.50.
- 5219 22905. Translations on East European heavy industry, no. 159. Jan. 27, 1964. [2]+a+36 p. II. 4° Φ Paper, \$1.00.
- 5220 22906. USSR industrial development: Soviet chemical industry, no. 142. Jan. 27, 1964. [2]+a+28 p. 4° Φ Paper, 75c. (OTS: 64-21390).
- 5221 22907. USSR industrial development: Soviet ferrous metallurgy, no. 172. Jan. 27, 1964. [2]+a-b+46 p. II. 4° Φ Paper, \$1.25 (OTS: 64-21391).
- 5222 22908. USSR industrial development: Soviet tractors and agricultural machinery, no. 113. Jan. 27, 1964. [2]+a-c+13 p. 4° Φ Paper, 50c. (OTS: 64-21392).
- 5223 22909. USSR industrial development: Soviet nonferrous metallurgy, no. 81 (Artificial diamonds in Ukrainian industry). Jan. 27, 1964. [2]+6 p. 4° Φ Paper, 50c. (OTS: 64-21393).
- 5224 22910. East European scientific abstracts: Biology and medicine, no. 7. Jan. 27, 1964. [2] p.+a+17 leaves, 4° Φ Paper, 50c. (OTS: 64-21394).
- 5225 22911. Herald of communications (Vestnik svyazi), USSR, no. 11, 1963. Jan. 27, 1964. [2]+a+III+141 p. II. 4° Φ Paper, \$2.75 (OTS: 64-21395).
- 5226 22912. East European scientific abstracts: General, no. 3. Jan. 27, 1964. [2] p.+a+31 leaves, 4° Φ Paper, \$1.00 (OTS: 64-21396).
- 5227 22913. Translations on East European agriculture, forestry and food industries, no. 222. Jan. 27, 1964. [2]+a+26 p. II. 4° Φ Paper, 75c.

*For Sale by Superintendent of Documents
 †Distribution Made by Issuing Office
 ‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.
 Unless Otherwise Indicated

MARCH 1964

- 5228 22914. Changes of morphological and functional properties of blood and hemodynamics during working with extracorporeal circulation apparatus of NIIEKha and I (AIK-59) and Balyuzek (ISL-2) systems, USSR [with bibliography]; by V. I. Kolesov et al. Jan. 27, 1964. [2]+9 p. il. 4° [From Grudnaya Khirurgiya, v. 5, no. 6, 1963.] Φ Paper, 50c. (OTS: 64-21397).
- 5229 22915. Nature of micronecrotic foci of hemopoietic organs of animals exposed to radiation, USSR [with bibliography]; by M. N. Maysel' and V. M. Manteyfel'. Jan. 27, 1964. [2]+12 p. 4° [From Izvestiya Akademii nauk SSSR, seriya biologicheskaya, no. 6, 1963.] Φ Paper, 50c. (OTS: 64-21398).
- 5230 22916. Translations on East European service industries, no. 224. Jan. 27, 1964. [2]+a+12 p. 4° Φ Paper, 50c.
- 5231 22917. East European scientific abstracts: Physics and mathematics, no. 2. Jan. 27, 1964. [2] p.+a+6 leaves, 4° Φ Paper, 50c. (OTS: 64-21399).
- 5232 22918. East European scientific abstracts: Electronics, engineering and space research, no. 4. Jan. 27, 1964. [2]+a+4 leaves, 4° Φ Paper, 50c. (OTS: 64-21400).
- 5233 22919. Mathematical solutions for transport problems, USSR [with bibliography]. Jan. 27, 1964. [2]+a+48 p. 4° [From Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki v. 3, no. 6, Nov.-Dec. 1963.] Φ Paper, \$1.25 (OTS: 64-21401).
- 5234 22920. Translations on North Vietnam's economy. Jan. 27, 1964. [2]+a+41 p. 4° Φ Paper, \$1.25.
- 5235 22921. Translations on Communist China's industry, mining, fuels and power, no. 55. Jan. 27, 1964. [2] p.+a+34 p. 4° Φ Paper, \$1.00.
- 5236 22922. News of higher educational institutions, Ministry of Higher and Secondary Specialized Education, USSR; Radiophysics series, v. 6, no. 3, 1963 [with bibliographies]. Jan. 27, 1964. [2]+a-c+1-327a, 328-429 p. il 4° Φ Paper, \$6.00 (OTS: 64-21402).
- 5237 22923. Translations on international Communist developments, no. 555. Jan. 27, 1964. [2]+a-b+116 p. 4° Φ Paper, \$2.50.
- 5238 22924. Metallurgy of titanium: Investigation of electric melting of titanium slags, USSR [with list of literature]; by V. A. Reznichenko et al. Jan. 27, 1964. [2]+a-b+183 p. il. 4° Φ Paper, \$3.00 (OTS: 64-21403).
- 5239 22925. USSR industrial development; Soviet regional economy, no. 99. Jan. 27, 1964. [2]+a-b+44 p. 4° Φ Paper, \$1.25 (OTS: 64-21404).
- 5240 22926. Summary of Rumanian provincial press, no. 247 (Dec. 1-22, 1963). Jan. 27, 1964. [2]+a+45 p. 4° [Includes list of sources.] Φ Paper, \$1.25.
L.C. card 58-60875
- 5241 22927. Translations on Communist China's trade, finance, transportation and communications, no. 83, [with bibliography]. Jan. 27, 1964. [2]+a-b+62 p. 4° Φ Paper, \$1.75.
- 5242 22928. Translations of political and sociological information on Communist China, no. 141 [with list of references]. Jan. 27, 1964. [2]+a-b+61 p. 4° Φ Paper, \$1.75.
- 5243 22929. Translations on Communist China's agriculture, animal husbandry and materials, no. 83. Jan. 27, 1964. [2]+a-b+79 p. 4° Φ Paper, \$2.25.
- 5244 22930. Pages from Digital system of storing and retrieving information (AI-2048), USSR; by A. F. Belov et al. Jan. 27, 1964. [2]+a-b+44 p. il. 4° Φ Paper, \$1.25 (OTS: 64-21405).
- 5245 22931. Cybernetics in the sciences, engineering and economy of German Democratic Republic, East Germany; by Hermann Klare. Jan. 28, 1964. [2]+ii+a-b+197 p. il. 4° Φ Paper, \$3.50 (OTS: 64-21406).
- 5246 22932. Translations on Communist China's science and technology, no. 68. Jan. 28, 1964. [2]+a+73 p. il. 4° Φ Paper, \$2.00 (OTS: 64-21407).
- 5247 22933. Studies in powder metallurgy, USSR [with bibliographies]. Jan. 28, 1964. [2]+a+84 p. il. 4° Φ Paper, \$2.25 (OTS: 64-21408).
- 5248 22934. USSR industrial development: Soviet nonferrous metallurgy, no. 82. Jan. 28, 1964. [2]+a-b+62 p. 4° Φ Paper, \$1.75 (OTS: 64-21409).
- 5249 22935. East European scientific abstracts: Biology and medicine, no. 8. Jan. 28, 1964. [2] p.+a 24 leaves, 4° Φ Paper, 75c. (OTS: 64-21410).
- 5250 22936. Applicability of Japanese experience in agriculture; by Ishikawa Shigeru. Jan. 28, 1964. [2]+25 p. il. 4° [From Keizai kenkyu, Apr. 1963.] Φ Paper, 75c. (OTS: 64-21411).
- 5251 22937. Translations on Africa, no. 32. Jan. 28, 1964. [2]+a+25 p. 4° Φ Paper, 75c.
- 5252 22938. Translations on North Vietnam's economy, no. 80. Jan. 28, 1964. [2]+a-c+169 p. 4° Φ Paper, \$3.00.
- 5253 22939. Translations of political and sociological information on North Vietnam, no. 57. Jan. 28, 1964. [2]+a-b+67 p. 4° Φ Paper, \$1.75.
- 5254 22940. East European scientific abstracts: Chemistry, no. 6. Jan. 28, 1964. [2] p.+a+16 leaves, 4° Φ Paper, 50c. (OTS: 64-21412).
- 5255 22941. Translations on USSR communications, no. 39. Jan. 28, 1964. [2]+a+6 p. 4° Φ Paper, 50c.
- 5256 22942. Communist Chinese scientific abstracts, no. 11. Jan. 28, 1964. [2] p.+a-b+6 leaves, 4° Φ Paper, 50c. (OTS: 64-21413).

*For Sale by Superintendent of Documents

Φ For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

Page 63

GOVERNMENT PUBLICATIONS

JPRS (series)—Continued

- 5257 22943. Analysis of high-toxic organic phosphoric-acid esters, Hungary [with list of literature references]; by K. H. Lohs and P. Franz. Jan. 28, 1964. [2]+9 p. 4° [From Acta chimica of Hungarian Academy of Sciences, v. 26, no. 1-4, 1961.] Φ Paper, 50c. (OTS: 64-21414).
- 5258 22944. Translations on East European foreign trade, no. 145. Jan. 28, 1964. [2]+a+8 p. 4° Φ Paper, 50c.
- 5259 22945. Welding nickel and its alloys, USSR [with bibliography]; by K. V. Bagryanskiy and G. S. Kuz'min. Jan. 28, 1964. [2]+iv+163 p. il. 4° Φ Paper, \$3.00 (OTS: 64-21415).
- 5260 22946. Translations from Ching-chi yen-chiu (Economic research), no. 11, 1963, Communist China. Jan. 28, 1964. [2]+a+94 p. 4° Φ Paper, \$2.25.
- 5261 22947. Abstracts from East European legal journals, no. 191 (Hungary and Rumania). Jan. 28, 1964. [2]+7 p. 4° Φ Paper, 50c.
- 5262 22948. Translations on Communist China's trade, finance, transportation and communications, no. 84. Jan. 28, 1964. [2]+a+28 p. 4° Φ Paper, 75c.
- 5263 22949. Summary of Polish provincial press, no. 322 (Dec. 24-30, 1963). Jan. 28, 1964. [2]+a-b+24 p. 4° (Includes list of newspaper sources.) Φ Paper, 75c.
L.C. card 58-60883
- 5264 22950. Translations on Communist China's agriculture, animal husbandry and materials, no. 84. Jan. 28, 1964. [2]+a+20 p. 4° Φ Paper, 75c.
- 5265 22951. Translations on Communist China's industry, mining, fuels and power, no. 56. Jan. 28, 1964. [2]+a+17 p. 4° Φ Paper, 50c.
- 5266 22952. Tasks of hydrology and hydrogeology, Bulgaria; by Al. Petkov and N. Boyadzhiev. Jan. 28, 1964. [2]+7 p. 4° [From Khidrologiya i meteorologiya, Nov. 1963.] Φ Paper, 50c. (OTS: 64-21416).
- 5267 22953. Synthesis of certain new thiols and their acetyl derivatives, USSR [with list of literature cited]; by R. M. Lagidze and R. N. Akhvediani. Jan. 28, 1964. [2] p.+5 leaves, 4° [From Soobshcheniya Akademii nauk Gruzinskoy SSR, v. 31, no. 3, Sept. 1963.] Φ Paper, 50c. (OTS: 64-21417).
- 5268 22954. USSR industrial development: Soviet metalworking equipment, no. 93. Jan. 28, 1964. [2]+a-b+32 p. il. 4° Φ Paper, \$1.00 (OTS: 64-21418).
- 5269 22955. Investigation of nuclear structures of frog oocytes, USSR [with bibliography]; by P. V. Makarov. Jan. 28, 1964. [2]+14 p. il. 4° [From Arkhiv anatomii, gistologii i embriologii, v. 15, no. 11, Nov. 1963.] Φ Paper, 50c. (OTS: 64-21419).
- 5270 22956. Effect of G-force on structure of vascular system, USSR [with bibliography]; by M. G. Prives. Jan. 28, 1964. [2]+15 p. il. 4° [From Arkhiv anatomii, gistologii i embriologii, Nov. 1963.] Φ Paper, 50c. (OTS: 64-21420).
- 5271 22957. Communist China digest, no. 111. Jan. 29, 1964. [2]+a-c+105 p. 4° Φ Paper, \$2.50.
- 5272 22958. Translations on North Vietnam's economy, no. 81, (Articles from Nghien-cuu kinh-te (Economic research), Aug. 1963). Jan. 29, 1964. [2]+a+69 p. 4° Φ Paper, \$2.00.
- 5273 22959. Translations of political and sociological information on North Vietnam, no. 58. Jan. 29, 1964. [2]+a+19 p. 4° Φ Paper, 75c.
- 5274 22960. East European scientific abstracts: Biology and medicine, no. 9. Jan. 29, 1964. [2] p.+a+32 leaves, 4° Φ Paper, \$1.00 (OTS: 64-21421).
- 5275 22961. East European scientific abstracts: Chemistry, no. 7. Jan. 29, 1964. [2] p.+a+7 leaves, 4° Φ Paper, 50c. (OTS: 64-21422).
- 5276 22962. Communist Chinese scientific abstracts, no. 12. Jan. 29, 1964. [2] p.+a+3 leaves, 4° Φ Paper, 50c. (OTS: 64-21423).
- 5277 22963. Biology and cybernetics, Bulgarian; by Aleksandr Goranov. Jan. 29, 1964. [2]+15 p. il. 4° Φ Paper, 50c. (OTS: 64-21424).
- 5278 22964. Translations on East European materials industries, no. 143 (Progress of petroleum processing industry). Jan. 29, 1964. [2]+a+15 p. il. 4° Φ Paper, 50c.
- 5279 22965. Translations on Communist China's science and technology, no. 69. Jan. 29, 1964. [2]+7 p. 4° Φ Paper, 50c. (OTS: 64-21425).
- 5280 22966. Translations of political and sociological information on Communist China, no. 142. Jan. 29, 1964. [2]+a+37 p. 4° Φ Paper, \$1.00.
- 5281 22967. Summary of Rumanian provincial press, no. 248 (Dec. 3-21, 1963). Jan. 29, 1964. [2]+a+10 p. il. 4° [Includes list of sources.] Φ Paper, 50c.
- 5282 22968. Translations of Pravda editorials, USSR, no. 215, Jan. 24 and 25, 1964. Jan. 29, 1964. [2]+a+8 p. 4° Φ Paper, 50c.
- 5283 22969. USSR scientific abstracts: Biology and medicine, no. 8. Jan. 29, 1964. [2] p.+a-b+128 leaves, il. 4° Φ Paper, \$2.75 (OTS: 64-21426).
- 5284 22970. Translations on south and east Asia, no. 51. Jan. 29, 1964. [2]+a+24 p. 4° Φ Paper, 75c.
- 5285 22971. Translations on North Vietnam's economy, no. 82. Jan. 29, 1964. [2]+a+42 p. 4° Φ Paper, \$1.25.

*For Sale by Superintendent of Documents
 †Distribution Made by Issuing Office
 ‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

MARCH 1964

- 5286 22972. Extraterrestrial stations, USSR; by V. P. Glushko. Jan. 29, 1964. [2] p.+4 leaves, il. 4° [From Nauk i tekhnika, Oct. 1962.] Φ Paper, 50c. (OTS: 64-21427).
- 5287 22973. Translations of political and sociological information on North Vietnam, no. 59. Jan. 29, 1964. [2]+a+29 p. 4° Φ Paper, \$1.00.
- 5288 22974. Press information report on Albania, no. 74 (Nov. 20, 1963-Jan. 18, 1964.) Jan. 29, 1964. [2]+a+23 p. 4° Φ Paper, 75c.
- 5289 22975. Translations from Kommunist, no. 18, Dec. 1963, USSR. Jan. 29, 1964. [2]+a+113 p. 4° Φ Paper, \$2.25.
- 5290 22976. Translations on East European service industries, no. 225. Jan. 29, 1964. [2]+a+26 p. 4° Φ Paper, 75c.
- 5291 22977. Soviet economic system; Structure and policy, no. 114. Jan. 30, 1964. [2]+a-b+106 p. 4° Φ Paper, \$2.50.
- 5292 22978. Translations on East European materials industries, no. 144. Jan. 30, 1964. [2]+a+46 p. il. 4° Φ Paper, \$1.25.
- 5293 22979. East European scientific abstracts: Biology and medicine, no. 10. Jan. 30, 1964. [2] p.+a+20 leaves, 4° Φ Paper, 75c. (OTS: 64-21428).
- 5294 22980. Communist Chinese scientific abstracts, no. 13. Jan. 30, 1964. [2] p.+a+2 leaves, 4° Φ Paper, 50c. (OTS: 64-21429).
- 5295 22981. Soviet studies on dislocation structures [with bibliographies]. Jan. 30, 1964. [2]+a+41 p. il. 4° Φ Paper, \$1.25 (OTS: 64-21430).
- 5296 22982. Developments in fisheries of USSR. Jan. 30, 1964. [2]+a+24 p. il. 4° [From Nauchno-tekhnicheskii byulleten'PINRO, nos. 1 and 4, 1962.] Φ Paper, 75c. (OTS: 64-21431).
- 5297 22983. Translations of Pravda editorials, USSR, no. 216 (Jan. 26 and 27, 1964). Jan. 30, 1964. [2]+a+8 p. 4° Φ Paper, 50c.
- 5298 22984. East European scientific abstracts: Earth sciences, no. 3. Jan. 30, 1964. [2] p.+a+10 leaves, 4° Φ Paper, 50c. (OTS: 64-21432).
- 5299 22985. USSR industrial development: Soviet ferrous metallurgy, no. 173. Jan. 30, 1964. [2]+a-c+34 p. 4° Φ Paper, \$1.00 (OTS: 64-21433).
- 5300 22986. Air transport at speeds of 2,330 kilometers per hour in 1973, Rumania; by Constantin Sabin Ioan. Jan. 30, 1964. [2]+8 p. il. 4° [From Stiinta si tehnica, no. 12, Dec. 1963.] Φ Paper, 50c. (OTS: 64-21434).
- 5301 22987. First results of work with programmed textbook, USSR; by A. M. Doroshkevich. Jan. 30, 1964. [2]+7 p. 4° [From Vestnik vysshey shkoly, Aug. 1963.] Φ Paper, 50c. (OTS: 64-21435).
- 5302 22988. USSR industrial development: Soviet electrical equipment, no. 85. Jan. 30, 1964. [2]+a-c+45 p. 4° Φ Paper, \$1.25 (OTS: 64-21436).
- 5303 22989. Translations of political and sociological information on Communist China, no. 143. Jan. 30, 1964. [2]+a+98 p. 4° Φ Paper, \$2.25.
- 5304 22990. Communist China digest, no. 112. Jan. 30, 1964. [2]+a-e+113 p. 4° Φ Paper, \$2.50.
- 5305 22991. Translations on Middle East, no. 76. (Activities of Communist Party of Israel). Jan. 30, 1964. [2]+a+54 p. 4° Φ Paper, \$1.50.
- 5306 22992. Translations on international Communist developments, no. 556. Jan. 30, 1964. [2]+a+80 p. 4° Φ Paper, \$2.25.
- 5307 22993. Semiconductor technology and microelectronics, USSR; by Ya. Fedotov. Jan. 30, 1964. [2]+10 p. 4° [From Radio, no. 11, Nov. 1963.] Φ Paper, 50c. (OTS: 64-21437).
- 5308 22994. Prospects of use of optical quantum oscillators in biology and medicine, USSR; by A. A. Vishnevskiy and S. N. Braynes. Jan. 30, 1964. [2]+6 p. 4° [From Eksperimental'naya khirurgiya i anesteziologiya, no. 6, 1963.] Φ Paper, 50c. (OTS: 64-21438).
- 5309 22995. Some data on use of muscle relaxants, USSR; by V. Ya. Orlov. Jan. 30, 1964. [2] p.+4 leaves, 4° [From Eksperimental'naya khirurgiya i anesteziologiya, no. 6, 1963.] Φ Paper, 50c. (OTS: 64-21439).
- 5310 22996. Communist Chinese scientific abstracts, no. 14. Jan. 30, 1964. [2] p.+a+13 leaves, 4° Φ Paper, 50c. (OTS: 64-21440).
- 5311 22997. Political translations on Eastern Europe, no. 91. Jan. 31, 1964. [2]+a+110 p. 4° Φ Paper, \$2.50.
- 5312 22998. Sociological translations on Eastern Europe, no. 194. Jan. 31, 1964. [2]+a+11 p. 4° Φ Paper, 50c. L.C. card 59-61088
- 5313 22999. Translations on Cuba, no. 99. Jan. 31, 1964. [2]+a+69 p. 4° Φ Paper, \$2.00.
- 5314 23000. USSR industrial development: Soviet ferrous metallurgy, no. 174. Jan. 31, 1964. [2]+a+20 p. 4° Φ Paper, 75c. (OTS: 64-21441).
- 5315 23001. New trends in development of submarine research, USSR; by R. B. Mamayeva and V. G. Azhazha. Jan. 31, 1964. [2] p.+3 leaves, 4° Φ Papers, 50c. (OTS: 64-21442).
- 5316 23002. Translations on East European heavy industry, no. 160. Jan. 31, 1964. [2]+a+30 p. il. 4° Φ Paper, \$1.00.
- 5317 23003. East European scientific abstracts: Biology and medicine, no. 11. Jan. 31, 1964. [2] p.+a+29 leaves, 4° Φ Paper, \$1.00 (OTS: 64-21443).
- 5318 23004. Translations on East European agriculture, forestry and food industries, no. 223. Jan. 31, 1964. [2]+a+32 p. 4° Φ Paper, \$1.00.
- 5319 23005. Translations on East European service industries, no. 226. Jan. 31, 1964. [2]+a+41 p. il. 4° Φ Paper, \$1.25.
- 5320 23006. Inzhenerno-fizicheskiy zhurnal (Journal of engineering physics), v. 6, no. 9, Sept. 1963, USSR [with bibliographies]. Jan. 31, 1964. [2]+a-b+183 p. il. 4° Φ Paper, \$3.00 (OTS: 64-21444).

*For Sale by Superintendent of Documents
 Φ For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

Page 65

GOVERNMENT PUBLICATIONS

JPRS (series)—Continued

- 5321 23007. Soviet economic system; Current developments, no. 17. Jan. 31, 1964. [2]+a-b+19 p. 4° Φ Paper, 75c.
- 5322 23008. Translation of Pravda editorial, USSR, no. 217 (Jan. 28, 1964). Jan. 31, 1964. [2] p.+5 leaves, 4° Φ Paper, 50c.
- 5323 23009. Index of La Stampa and La Stampa sera, no. 192 (Jan. 13-19, 1964). Jan. 31, 1964. [2]+14 p. 4° Φ Paper, 50c.
L.C. card 58-60868
- 5324 23010. Communist Chinese scientific abstracts, no. 15. Jan. 31, 1964. [2] p.+a+20 leaves, 4° Φ Paper, 75c. (OTS: 64-21445).
- 5325 23011. Summary of Bulgarian provincial press, no. 199 (Dec. 1-25, 1963). Jan. 31, 1964. [2]+a-c+11 p. 4° [Includes list of sources.] Φ Paper, 50c.
- 5326 23012. East European scientific abstracts: Chemistry, no. 8. Jan. 31, 1964. [2] p.+a+27 leaves, 4° Φ Paper, 75c. (OTS: 64-21446).
- 5327 23013. Inzhenerne-fizicheskiy zhurnal (Journal of engineering physics) v. 6, no. 11, Nov. 1963, USSR [with bibliographies]. Jan. 31, 1964. [2]+a-b+220 p. il. 4° Φ Paper, \$3.50 (OTS: 64-21447).
- 5328 23014. Translations on Mongolia, no. 45. Jan. 31, 1964. [2]+a+49 p. 4° Φ Paper, \$1.50.
- 5329 23015. USSR industrial development: Soviet chemical machine building, no. 41. Jan. 31, 1964. [2]+a+18 p. 4° Φ Paper, 50c. (OTS: 64-21448).
- 5330 23016. Translations of political and sociological information on Communist China, no. 144. Jan. 31, 1964. [2]+a+20 p. 4° Φ Paper, 75c.
- 5331 23017. USSR industrial development: Soviet ferrous metallurgy, no. 175. Jan. 31, 1964. [2]+a-b+48 p. il. 4° [Page numbers 18 and 19 are both assigned to one page.] Φ Paper, \$1.25 (OTS: 64-21449).
- 5332 23018. Translations on East European service industries, no. 227. Jan. 31, 1964. [2]+a+18 p. 4° Φ Paper, 50c.
- 5333 23019. Outlook on cytology and study of human chromosomal diseases, USSR [with bibliography]. Jan. 31, 1964. [2]+a+1-10a+11-17 p. il. 4° [From Tsitologiya, v. 5, no. 5, 1963.] Φ Paper, 50c. (OTS: 64-21450).
- 5334 23020. Synthesis of 2,5-disubstituted quinuclidines, USSR [with bibliography]; by Ye. Ye. Mikhlina et al. Jan. 31, 1964. [2]+16 p. 4° [From Zhurnal obshchey khimii, v. 33, no. 12, Nov. 9, 1962.] Φ Paper, 50c. (OTS: 64-21451).
- 5335 23021. Public health and expanding Soviet chemical industry. Jan. 31, 1964. [2]+a+25 p. 4° [From Meditsinskaya gazeta, Dec. 5, 1963.] Φ Paper, 75c. (OTS: 64-21452).
- 5336 23022. Soviet research in physiology, bionics and biophysics. Jan. 31, 1964. [2]+a+9 p. 4° [From Kommunist.] Φ Paper, 50c. (OTS: 64-21453).
- 5337 23023. Communist Chinese scientific abstracts, no. 16. Jan. 31, 1964. [2] p.+a+8 leaves, 4° Φ Paper, 50c. (OTS: 64-21454).
- 5338 23024. East European scientific abstracts: Biology and medicine, no. 12. Jan. 31, 1964. [2] p.+a+27 leaves, 4° Φ Paper, 75c. (OTS: 64-21455).
- 5339 23025. Information on scientific works in physical oceanography, 1960-62, USSR. Jan. 31, 1964. [2]+a+15 p. 4° [From Soobshcheniye o nauchnykh rabotakh po fizicheskoy okeanografii.] Φ Paper, 50c. (OTS: 64-21456).
- 5340 23026. Economic report on North Korea, no. 110. Jan. 31, 1964. [2]+a+1-11a, 12-19 p. 4° Φ Paper, 75c.
L.C. card 58-60951
- 5341 23027. Translations of political and sociological information on North Vietnam, no. 60. Jan. 31, 1964. [2]+a+57 p. 4° Φ Paper, \$1.50.
- 5342 23028. Studies in defense against radioactive fallout, USSR. Jan. 31, 1964. [2]+10 p. 4° [From Zashchita ot radioaktivnykh osadkov.] Φ Paper, 50c. (OTS: 64-21457).
- 5343 23029. Studies in medical and diagnostic use of radioactive isotopes, USSR. Jan. 31, 1964. [2]+10 p. 4° [From Lechebnoye i diagnosticheskoye primeneniye radioaktivnykh izotopov.] Φ Paper, 50c. (OTS: 64-21458).
- 5344 23030. Ten-thousand meter exploratory well in Azerbaydzhan, USSR; by A. A. Ali-Zade and G. A. Akhmedov. Jan. 31, 1964. [2]+15 p. il. 4° Φ Paper, 50c. (OTS: 64-21459).
- 5345 23031. Communist Chinese scientific abstracts, no. 17. Jan. 31, 1964. [2] p.+a+9 leaves, 4° Φ Paper, 50c. (OTS: 64-21460).
- 5346 23032. Guided missiles, USSR [with list of references]; by V. I. Marisov and I. K. Kucherov. Jan. 31, 1964. [2]+a-c+330 p. il. 4° Φ Paper, \$5.00 (OTS: 64-21461).
- 5347 23033. News of higher educational institutions, Ministry of Higher and Secondary Specialized Education, USSR: Instrument building series, v. 6, no. 5, 1963 [with bibliographies]. Jan. 31, 1964. [2]+a-b+166 p. il. 4° Φ Paper, \$3.00 (OTS: 64-21462).
- 5348 23034. East European scientific abstracts: Biology and medicine, no. 13. Jan. 31, 1964. [2] p.+a+33 leaves, 4° Φ Paper, \$1.00 (OTS: 64-21463).
- 5349 23035. Translations on North Vietnam's economy, no. 83. Feb. 3, 1964. [2]+a+97 p. 4° Φ Paper, \$2.25.
- 5350 23036. Translations on USSR communications, no. 40. Feb. 3, 1964. [2]+a-b+14 p. 4° Φ Paper, 50c.
- 5351 23037. Translations on international Communist developments, no. 557. Feb. 3, 1964. [2]+a-b+41 p. 4° Φ Paper, \$1.25.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 5352 23038. Translations on Communist China's trade, finance, transportation and communications, no. 85. Feb. 3, 1964. [2]+a+34 p. 4° Φ Paper, \$1.00.
- 5353 23039. East European scientific abstracts: Biology and medicine, no. 14. Feb. 3, 1964. [2] p.+a+17 leaves p. 4° Φ Paper, 50c. (OTS: 64-21464).
- 5354 23040. 18th general assembly of Soviet Academy of Medical Sciences. Feb. 3, 1964. [2]+a+11 p. 4° Φ Paper, 50c (OTS: 64-21465).
- 5355 23041. Mathematical modeling of some technological process on electronic digital computer, USSR [with bibliography]; by I. S. Lyubchenko and I. Ye. Mayzlin. Feb. 3, 1964. [2]+11 p. il. 4° [From Vestnik Moskovskogo universiteta, no. 2, 1963.] Φ Paper, 50c. (OTS: 64-21466).
- 5356 23042. Hydraulic, pneumatic and electrical devices in prostheses of upper extremities, USSR [with list of literature]; by V. M. Sheynfinkel'. Feb. 3, 1964. [2]+6 p. 4° [From Ortopediya, travmatologiya i protezirovaniye, no. 5, 1961.] Φ Paper, 50c. (OTS: 64-21467).
- 5357 23043. Development of feelings and conscience in Soviet society; by R. Zernova. Feb. 3, 1964. [2]+7 p. 4° [From Ogonek, v. 41, no. 25, 1963.] Φ Paper, 50c.
- 5358 23044. Sociological translations on Eastern Europe, no. 195 (Higher education, rich content). Feb. 3, 1964. [2]+7 p. 4° [From Scintela, no. 6109, Dec. 17, 1963.] Φ Paper, 50c.
- 5359 23045. Studies in toxic chemicals and labor hygiene in chemical industry, USSR. Feb. 3, 1964. [2]+a+23 p. il. 4° [From Gigiyena truda i professional'nyye zabollevaniya, no. 11, 1963.] Φ Paper, 75c. (OTS: 64-21468).
- 5360 23046. Investigation of one model of neurister, USSR [with bibliography]; by G. N. Berestovskiy. Feb. 3, 1964. [2]+14 p. il. 4° [From Radiotekhnika i elektronika, v. 8, no. 11, 1963.] Φ Paper, 50c. (OTS: 64-21469).
- 5361 23047. Progress in meteor astronomy in 1958-61, USSR; by I. S. Astapovich and V. V. Fedynskiy. Feb. 3, 1964. [2]+16 p. 4° [From Meteoritika, no. 23, 1963.] Φ Paper, 50c. (OTS: 64-21470).
- 5362 23048. Translations on East European foreign trade, no. 146. Feb. 3, 1964. [2]+a+46 p. 4° Φ Paper, \$1.25.
- 5363 23049. New program of CPSU and problems of pedagogical science, USSR; by I. A. Kairov. Feb. 3, 1964. [2]+29 p. 4° [From Sovetskaya pedagogika, v. 26, no. 9, Sept. 1962.] Φ Paper, 75c.
- 5364 23050. Translations on North Vietnam's economy, no. 84. Feb. 4, 1964. [2]+a-b+83 p. 4° Φ Paper, \$2.25.
- 5365 23051. Political translations on Eastern Europe, no. 92. Feb. 4, 1964. [2]+a+83 p. 4° Φ Paper, \$2.25.
- 5366 23052. Translations on Africa, no. 33. Feb. 4, 1964. [2]+a+34 p. 4° Φ Paper, \$1.00.
- 5367 23053. Translations on Soviet transportation, no. 59. Feb. 4, 1964. [2]+a-d+1-71a, 72-125 p. il. 4° Φ Paper, \$2.75.
- 5368 23054. Temperature dependence of luminescent bacterioloridin and its state in photosynthetic bacteria, USSR [with list of literature]; by A. A. Krasnovskiy et al. Feb. 4, 1964. [2]+7 p. il. 4° [From Doklady Akademii Nauk USSR, v. 152, no. 5, 1963.] Φ Paper, 50c. (OTS: 64-21471).
- 5369 23055. Behavior of sheet metals under biaxial stress, USSR [with list of literature]; by Ya. B. Fridman et al. Feb. 4, 1964. [2]+23 p. il. 4° [From Issledovaniye splavov tsvetnykh metallov, 1963.] Φ Paper, 75c. (OTS: 64-21472).
- 5370 23056. Crystallization of ingots during arc melting with consumable electrode, USSR [with list of literature]; by V. I. Dobatkin. Feb. 4, 1964. [2]+14 p. il. 4° [From Issledovaniye splavov tsvetnykh metallov, collection no. 4, 1963.] Φ Paper, 50c. (OTS: 64-21473).
- 5371 23057. East European scientific abstracts: Earth sciences, no. 4. Feb. 4, 1964. [2] p.+a+5 leaves, 4° Φ Paper, 50c. (OTS: 64-21474).
- 5372 23058. East European scientific abstracts: Biology and medicine, no. 15. Feb. 4, 1964. [2] p.+a+3 leaves, 4° Φ Paper, 50c. (OTS: 64-21475).
- 5373 23059. On influence of low concentrations of light acrolons on cardiac activity of rabbits, USSR [with bibliography]; by Yu. D. Dumans'kyy. Feb. 4, 1964. [2] p.+5 leaves, 4° [From Fiziologichnyy zhurnal, v. 9, no. 6.] Φ Paper, 50c. (OTS: 64-21476).
- 5374 23060. Some philosophical problems of interrelationship of physiology and cybernetics, USSR; by O. F. Makarchenko and M. L. Gorbach. Feb. 4, 1964. [2]+12 p. 4° [From Fiziologichnyy zhurnal, no. 6, v. 9, 1963.] Φ Paper, 50c. (OTS: 64-21477).
- 5375 23061. Translations on East European service industries, no. 228. Feb. 4, 1964. [2]+a+59 p. il. 4° Φ Paper, \$1.75.
- 5376 23062. Meaning of space age, comments by authorities, USSR. Feb. 4, 1964. [2]+a+19 p. 4° [From Avlatsiya i kosmonavtika, Oct. 1963.] Φ Paper, 75c. (OTS: 64-21478).
- 5377 23063. Indonesian press survey, no. 49, (Nov. 18-Dec. 31, 1963). Feb. 4, 1964. [2]+a-b+26 p. 4° Φ Paper, 75c.
- 5378 23064. Effect of individual features of technological process on properties of refractory metal castings, USSR [with list of literature]; by E. Ya. Kukkonen, et al. Feb. 4, 1964. [2]+7 p. il. 4° [From Mekhanicheskiye svoystva litogo metallu, 1963.] Φ Paper, 50c. (OTS: 64-21479).

*For Sale by Superintendent of Documents

Φ For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

Page 67

GOVERNMENT PUBLICATIONS

- JPRS (series)—Continued
- 5379 23065. Translations on economic organization and management in Eastern Europe, no. 286. Feb. 4, 1964. [2]+a-b+147 p. il. 4° Φ Paper, \$2.75.
- 5380 23066. Soviet studies on fish [with bibliographies]. Feb. 4, 1964. [2]+a+77 p. il. 4° [From Trudy Instituta Ikhtologii i Rybnogo Khozyaystva Akademii Nauk Kazakhskoy SSR, v. 4, 1963.] Φ Paper, \$2.00 (OTS: 64-21480).
- 5381 23067. Translations on Soviet agriculture, no. 23. Feb. 4, 1964. [2]+a+81 p. 4° Φ Paper, \$2.25.
- 5382 23068. Nature of dermo-optical sense in man, USSR [with bibliography]; by A. S. Novemeytsky. Feb. 4, 1964. [2]+24 p. il. 4° [From Voprosy psikhologii, Sept.-Oct. 1963.] Φ Paper, 75c. (OTS: 64-21481).
- 5383 23069. USSR territorial-administrative changes, no. 19. Feb. 4, 1964. [2]+a-b+10 p. 4° Φ Paper, 50c.
- 5384 23070. USSR industrial development; Soviet ferrous metallurgy, no. 176. Feb. 4, 1964. [2]+a+14 p. 4° Φ Paper, 50c. (OTS: 64-21482).
- 5385 23071. Soviet economic system, structure and policy, no. 115. Feb. 4, 1964. [2]+a+30 p. 4° Φ Paper, \$1.00.
- 5386 23072. Summary of Polish provincial press, no. 323 (Dec. 31, 1963-Jan. 6, 1964). Feb. 4, 1964. [2]+a-b+70 p. 4° Φ Paper, \$2.00. L.C. card 58-60883.
- 5387 23073. Soviet aerial surveying and geology [with list of literature]. Feb. 4, 1964. [2]+a+30 p. 4° [From Razrabotka i preimneniye aerometodov v geologo-geofizicheskikh issledovaniyakh, 1963.] Φ Paper, \$1.00 (OTS: 64-21483).
- 5388 23074. Translations from Problems arktiki i antarktiki (Problems of Arctic and Antarctic), no. 14, 1963, USSR [with bibliographies]. Feb. 4, 1964. [2]+a+58 p. il. 4° Φ Paper, \$1.50 (OTS: 64-21484).
- 5389 23075. Translations from Hung-chi' (Red Hag), no. 23, 1963, Communist China. Feb. 4, 1964. [2]+a+73 p. 4° Φ Paper, \$2.00. L.C. card 59-60699.
- 5390 23076. Translations on Communist China's agriculture, animal husbandry and materials, no. 85. Feb. 4, 1964. [2]+a+21 p. 4° Φ Paper, 75c.
- 5391 23077. Translations on Communist China's trade, finance, transportation and communications, no. 86. Feb. 4, 1964. [2]+a+29 p. 4° Φ Paper, \$1.00.
- 5392 23078. Soviet-bloc research in geophysics, astronomy, and space. See Appendix entry in February monthly catalog.
- 5393 23079. Soviet methods of surgery. Feb. 5, 1964. [2]+a+9 p. il. 4° [From Vestnik khirurgii imeni I. I. Grekova, July 1963.] Φ Paper, 50c. (OTS: 64-21485).
- 5394 23080. Index of La Stampa and La Stampa sera, no. 193 (Jan. 20-26, 1964). Feb. 5, 1964. [2]+12 p. 4° Φ Paper, 50c. L.C. card 58-60868.
- 5395 23081. Translations on East European agriculture, forestry, and food industries, no. 224 [with bibliography]. Feb. 5, 1964. [2]+a+50 p. il. 4° Φ Paper, \$1.50.
- 5396 23082. Changes in Socialist countries in 1963: by Lisa Foa. Feb. 5, 1964. [2] p.+4 leaves 4° [From Rinascita, Jan. 4, 1964.] Φ Paper, 50c.
- 5397 23083. East European scientific abstracts: Earth sciences, no. 5. Feb. 5, 1964. [2] p.+a+15 leaves, 4° Φ Paper, 50c. (OTS: 64-21486).
- 5398 23084. East European scientific abstracts: Biology and medicine, no. 16. Jan. 5, 1964. [2] p.+a+23 leaves, 4° Φ Paper, 75c. (OTS: 64-21487).
- 5399 23085. New Soviet economic regions: [by Yu G. Saushkin]. Feb. 5, 1964. [2]+a+28 p. 4° Φ Paper, 75c.
- 5400 23086. Translations of Pravda editorial, USSR, no. 218 (Feb. 1, 1964). Feb. 5, 1964. [2] p.+4 leaves, 4° Φ Paper, 50c.
- 5401 23087. USSR industrial development: Soviet electrical equipment, no. 86. Feb. 5, 1964. [2]+a-c+54 p. 4° Φ Paper, \$1.50 (OTS: 64-21488).
- 5402 23088. USSR international economic relations, no. 4. Feb. 5, 1964. [2]+a+74 p. 4° Φ Paper, \$2.00.
- 5403 23089. Problems of ingot temperatures, USSR [with bibliographies] Feb. 1964. [2]+a+18 p. il. 4° [From Izvestiya vysshikh uchebnykh zavedeniy. chernaya metallurgiya, Sept. 1963.] Φ Paper, 50c. (OTS: 64-21489).
- 5404 23090. Abstracts from East European legal journals, no. 192 (Czechoslovakia, Hungary and Rumania). Feb. 5, 1964. [2]+a+13 p. 4° Φ Paper, 50c.
- 5405 23091. Translations on Middle East, no. 77 (statements by Israeli Communist leaders). Feb. 5, 1964. [2]+a+59 p. 4° Φ Paper, \$1.75.
- 5406 23092. In penitentiaries of East Germany; by Walter Osten. Feb. 5, 1964. [2] p.+4 leaves, 4° [From Stuttgarter Zeitung, Dec. 27, 1963.] Φ Paper, 50c.
- 5407 23093. East European scientific abstracts: General, no. 4. Feb. 5, 1964. [2]+a+9 leaves, 4° Φ Paper, 50c. (OTS: 64-21490).
- 5408 23094. Review of book Plant physiology from standpoint of microbiology, USSR; by P. A. Genkel' Feb. 5, 1964. [2] p.+5 leaves, 4° [From Botanicheskii zhurnal, v. 48, no. 13, 1963.] Φ Paper, 50c. (OTS: 64-21491).
- 5409 23095. Pott's textbook on algology and problems connected with Soviet survey on algae; by Bohuslav Pott. Feb. 5, 1964. [2]+8 p. 4° [From Botanicheskii zhurnal, v. 48, no. 12, 1963.] Φ Paper, 50c. (OTS: 64-21492).

*For Sale by Superintendent of Documents
 †Distribution Made by Issuing Office
 ‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

MARCH 1964

- 5410 23096. Discussion of 3 Soviet books on geobotany; by A. S. Karpenko. Feb. 5, 1964. [2]+7 p. 4° [From Botanicheskly zbornik v. 48, no. 12, 1963.]
 Φ Paper, 50c. (OTS: 64-21493).
- 5411 23097. Translations on East European materials industries, no. 145. Feb. 5, 1964. [2]+a+16 p. 4° Φ Paper, 50c.
- 5412 23098. Translations of political and sociological information on North Vietnam, no. 61. Feb. 5, 1964. [2]+a+10 p. 4° Φ Paper, 50c.
- 5413 23099. USSR industrial development: Soviet ferrous metallurgy, no. 177. Feb. 5, 1964. [2]+a-b+19 p. il. 4° Φ Paper, 75c. (OTS: 64-21494).
- 5414 23100. Translations on international Communist developments, no. 558. Feb. 5, 1964. [2]+a+76 p. 4° Φ Paper, \$2.00.

JUSTICE DEPARTMENT

Opinion of Attorney General [Volume 42, Opinion].

- 5415 15. Export sales of agricultural commodities to Soviet Union and Eastern European bloc countries. [1963.] 12 p. * Paper, 10c. J 1.5/a: 42/15
- 5416 7th report of Attorney General on competition in synthetic rubber industry, calendar year 1961. [1963.] cover title, i+39 p. il. * Paper, 20c. ● Item 719-A
 L.C. card 56-61215 J 1.26: 961

LABOR DEPARTMENT

- 5417 Address by Secretary of Labor W. Willard Wirtz, before National Committee on Employment of Youth, Washington, D.C., Nov. 6, 1963. [1963.] 16 leaves, 4° (USDL-5985.) † L 1.13: W 74/41
- Manpower research bulletin. ● Item 746-D
- 5418 1. Mobility and worker adaptation to economic change in United States [with Bibliography of labor mobility materials: prepared by Herman Travis. [Revised July 1963.] [1963.] cover title, vi+77 p. il. 4° (Manpower Administration, Office of Manpower, Automation and Training.) †
 L.C. card L 64-20 L 1.3/4: 1/3

LABOR STANDARDS BUREAU, Labor Dept.

- Bulletin. ● Item 763
- 5419 259. Use and handling of compressed gases [with list of references; prepared by Alanson D. Morehouse]. [1964.] cover title, ii-30 p. (Safety in industry: Environmental and chemical hazards no. 5.) * Paper, 15c.
 L.C. card L 64-29 L 16.3: 259
- 5420 Comparison of State safety codes with ASA; Fixed ladders, A 14.3, 1956 [chart]. Oct. 1963. 1 p. oblong f° † L 16.7/2: L 12
- 5421 How-to-lift model, build and demonstrate this safety salesman, school shop project. [1963.] [8] p. il. narrow 8° [Prepared in consultation with American Vocational Association, National Education Association, National Safety Council and Office of Education of Department of Health, Education, and Welfare.] † L 16.6: L 62
- 5422 Log and chart, Public law 85-742, USDL maritime safety program. 1963. 8 p. il. 4° † L 16.2: M 33/2
- 5423 Log and chart, Public law 85-742, USDL maritime safety program. 1963. of the Handicapped. [1964.] cover title, [1]+ii+[6]+50 p. il. 4° †
 ● Item 766-C L 16.44/2: R 29/963
- 5424 State labor legislation enacted in 1963; [by Sylvia R. Weissbrodt]. [1963.] 5 p. 4° [Reprinted from Monthly labor review, Nov. 1963.] † L 2.6/a: L 524/963

LABOR STATISTICS BUREAU, Labor Dept.

- 5425 Automation, nationwide studies in United States; prepared by Leon Greenberg and Edgar Weinberg of Office of Productivity and Technological Developments, Bureau of Labor Statistics, Department of Labor. [1964.] 23 p. 4° [Prepared for meeting of experts on automation, International Labour Office, Geneva, Switzerland, Mar. 16-25, 1964.] † L 2.26: G 82/3

*For Sale by Superintendent of Documents
 ΦFor Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- BLS reports. L 2.71: (nos.)
- 5426 237-31. Consumer expenditures and income: Ketchikan, Alaska, 1960. Nov. 1963. 12 p. 4° (Survey of consumer expenditures, 1960-61 (special cities); advance report.) †
L.C. card L 63-18
- 5427 237-69. Same: Durham, N.C., 1961. Nov. 1963. 12 p. 4° (Survey of consumer expenditures, 1960-61; advance report.) †
L.C. card L 63-18
- 5428 237-73. Same: Green Bay, Wis., 1961. Nov. 1963. 12 p. 4° (Survey of consumer expenditures 1960-61; advance report.) †
L.C. card L 63-18
- 5429 238-2. Impact of rising prices on younger and older consumers [paper; by Helen H. Lamale, chief, Division of Living Conditions Studies, Bureau of Labor Statistics, at International Gerontological Seminar, Markaryd, Sweden, Aug. 6-9, 1963]. Dec. 1963. [2]+16+[8]+4 p. 4° (Survey of consumer expenditures, 1960-61.) [Condensed version presented at 6th International Congress of Gerontology, Copenhagen, Denmark, Aug. 12-16, 1963.]
L.C. card L 64-31
- 5430 239. Labor law and practice in Turkey [with selected bibliography; prepared by William F. Delaney]. [Mar. 1963.] cover title, iv+70 p. il. 4° * Paper, 45c. ● Item 768-G
L.C. card L 64-15
- 5431 240. Labor law and practice in Mexico [with selected bibliography; prepared by Arthur Neef]. [Nov. 1963.] cover title, iv+70 p. il. 4° * Paper, 45c.
L.C. card L 64-23
- 5432 241. Labor law and practice in Austria [with selected bibliography; prepared by Franz A. Groemping]. [1963.] cover title, iv+57 p. il. 4° * Paper, 40c. ● Item 768-G
L.C. card L 64-22
- 5433 242. Labor law and practice in Ecuador [with selected bibliography; prepared by Joseph A. Brackett]. [Feb. 1963.] cover title, iv+41 p. il. 4° * Paper, 35c. ● Item 768-G
L.C. card L 64-14
- 5434 250. Labor law and practice in Yugoslavia [with selected bibliography; prepared by Anne S. Kahl]. [July 1963.] cover title, iv+63 p. il. 4° * Paper, 40c. ● Item 768-G
L.C. card L 64-24
- 5435 261. Labor in Nigeria [with selected bibliography; prepared by Ann C. Suter and others]. Dec. 1963. cover title, iv+45 p. il. 4° [Prepared in cooperation with International Development Agency. Includes list of references in footnotes.] † ● Item 768-G
L.C. card L 64-32
- Bulletins. ● Item 768 L 2.3: (nos.)
- 5436 1319-1. Implications of automation and other technological developments, selected annotated bibliography. Dec. 1963 [published 1964]. [1]+1+90 p. 4° * Paper, 50c.
- 5437 1385-9. Occupational wage survey: San Bernardino-Riverside-Ontario, Calif., Sept. 1963; [prepared by Robert L. Orr]. Dec. 1963. iii+28 p. oblong 8° * Paper, 25c.
L.C. card L 49-125
- 5438 1389. Industry wage survey: Communications, 1962; [prepared by Joseph C. Bush]. Dec. 1963 [published 1964]. iv+18+[2] p. il. 4° * Paper, 20c.
L.C. card L 54-100
- 5439 1393. Same: pt. 1, Motor vehicles, pt. 2, Motor vehicle parts, Apr. 1963. Jan. 1964. vi+72+[2] p. 4° * Paper, 45c.
L.C. card L 24-4
- 5440 Directory of community wage surveys, 1948-June 1963. Revised 1963. [Nov. 1963.] cover title, i+29 p. † ● Item 768-E
L.C. card 55-60522 L 2.34/2: W 12/3/948-63
- 5441 Indexes of output per man-hour for selected industries 1939 and 1947-61, annual industry series. Oct. 1962. [1]+i+44 p. 4° †
L.C. card L 60-63 L 2.2: Ou 8/939-61
- 5442 International Labor Conference of 1963; [by] Lawrence R. Klein. [1963.] p. 914-919, 4° [From Monthly labor review, Aug. 1963.] †
L 2.6/a: In 8/13/963
- Labor digest. [Notes prepared in Division of Foreign Labor Conditions for inclusion in Directory of Labor Organizations, Asia and Australasia]. † L 2.72/3: (nos.)
- 5443 12. Labor conditions in Iraq. Feb. 1964. 4 p. 4°
- 5444 13. Labor conditions in China (Taiwan). Feb. 1964. 4 p. 4°

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 5445 15. Labor conditions in India. Feb. 1964. 4 p. 4°
 5446 16. Labor conditions in Aden. Feb. 1964. 4 p. 4°
- Monthly labor review, reprints. † L 2.6/a : (nos.)
- 5447 2426. Special labor force report; no. 36, Job tenure of American workers, Jan. 1963; [by] Harvey R. Hamel. [1963.] 1145-52+14 p. il. 4° [From Oct. 1963 issue.] L 2.2 : M 91
- 5448 2432. Deferred increases due in 1964 and wage escalation; [by] George Ruben. [1964.] p. 1394-97, 4° [From Monthly labor review, Dec. 1963.]
- 5449 Multiple jobholders in May 1963, advance summary special labor force report. [1963.] 6+[2] p. 4° † L 2.2 : M 91
- 5450 Pupil personnel services; by Louise O. Eckerson and Hyrum M. Smith. [1964.] 4 p. 4° [Reprint from Occupational outlook quarterly, Sept. 1963 v. 7, no. 3.] † L 2.70/4a : P 969
- 5451 1962 statistical supplement, Monthly labor review [with bibliography]. [1964.] cover title, iii+92 p. 4° [Issued with perforations.] * Paper, 65c. ● Item 770 L 2.6/2 : 962
 L.C. card 15-26485
- 5452 Statistics for use in collective bargaining, by L. R. Linsenmayer, assistant commissioner for wages and industrial relations, Bureau of Labor Statistics, Department of Labor, before Joint Convention of National Association of State Labor Relations Agencies, Miami, Fla., Nov. 8, 1963. [1963.] 10 leaves, 4° † L 2.26 : L 65
- 5453 Union membership, 1962, summary release. Jan. 1964. 6 p. 4° † L 2.2 : Un 33/8/962

LIBRARY OF CONGRESS

- 5454 Automation and Library of Congress, survey sponsored by Council on Library Resources, Inc. 1963 [published 1964]. vii+88 p. 1 pl. 4° * Cloth, \$2.00. ● Item 786 LC 1.2 : Au 8
 L.C. card 64-60015
- 5455 Directories in science and technology, provisional checklist; [prepared by Evelyn A. Moore, and others]. 1963. vi+65 p. 4° (Science and Technology Division, Reference Department.) * Paper, 45c. ● Item 818-A LC 33.2 : Sci 2/3
 L.C. card 63-65164
- Hispanic Foundation bibliographical series.
- 5456 7. Ladino books in Library of Congress, bibliography; compiled by Henry V. Besso. 1963 [published 1964]. vii+44 p. 4 facsim. (Hispanic Foundation, Reference Department.) * Paper, 60c. ● Item 806-F LC 24.7 : 7
 L.C. card 63-62107
- 5457 Presidents of United States, 1789-1962, selected list of references; compiled by Donald H. Mugridge. 1963. xviii+159 p. 4° (General Reference and Bibliography Division, Reference Department.) * Paper, \$1.00. ● Item 806-C LC 2.2 : P 92/4/789-962
 L.C. card 63-61781
- 5458 William S. Culbertson, register of his papers in Library of Congress. 1963. [3] p.+12 leaves, 4° (Manuscript Division, Reference Department.) † Paper, 30c., Card Division LC 4.2 : C 89
 L.C. card 64-60018

MARINE CORPS (Navy), Defense Dept.

Fleet Marine Force manual FFMF (series).

- 5459 4-3. Shore party and helicopter support team operations [with bibliography]. [1963.] [1]+2+v+154 p. il. 4° [Issued with perforations. Supersedes LFM-12, Shore party operations. 1951.] * Paper, \$1.00. ● Item 384 D 214.0/4 : 4-3

*For Sale by Superintendent of Documents
 †For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

Technical manual TM (series).

- 5460 11275-12/2. Engineer equipment, preventive maintenance indicators for commanders. July 1963. cover title, [1]+ii+29+21 p. il. 4°
[Issued in loose-leaf form.] † ● Item 384
D 214.9/3 : 11275-12/2

MEDICINE AND SURGERY BUREAU (Navy), Defense Dept.

- 5461 Serology [with lists of references]. 1963. cover title, xi+130 p. il. 4°
(Naval Medical School, National Naval Medical Center, Bethesda, Md.)
[Issued with perforations.] † ● Item 385-B
L.C. card 62-5518 D 206.6/3 : Se 6
- U.S. Naval Medical Research Laboratory reports. † D 206.10 : (nos.)
- 5462 316. Some primary auditory abilities in pitch and loudness [with list of references]; by John J. O'Hare [and others]. Sept. 15, 1959. cover title, iii+7+[1] p. 4° (Vol. 18, no. 11, research project NM 22 01 20.02.02.)
- 5463 395. Sensitivity to unidirectional frequency modulation; by Russell L. Sergeant and J. Donald Harris. Dec. 18, 1962. cover title, p. 1625-28, il. 4° (Vol. 21, no. 26, project MR005.14-1001-2.10.) [Text on p. 2 of cover. Reprinted from Journal of Acoustical Society of America, v. 34, no. 10, Oct. 1962. Copyright, 1962 by Acoustical Society of America.]
- 5464 400. Factors affecting induced color [with list of references]; by Jo Ann S. Kinney. Apr. 25, 1963. cover title, p. 503-525, il. 4° (Vol. 22, no. 2, research project MR005.14-1001-1.29.) [Text on p. 2 of cover. Reprinted from Vision research, v. 2, 1962.]
- 5465 401. Night vision sensitivity during prolonged restriction from sunlight [with list of references]; by Jo Ann S. Kinney. May 21, 1963. cover title, p. 65-67, il. 4° (Vol. 22, no. 3, research project MR005.14-2001-4.05.) [Text on p. 2 of cover. Reprinted from Journal of applied psychology, 1963, v. 47, no. 1.]
- 5466 404. Compensatory and pursuit tracking of pitch; by J. Donald Harris, Andrew G. Ptkler and Jerome E. Murphy. June 16, 1963. cover title, p. 581-587, il. 4° (Vol. 22, no. 6, Research project MR005.14-1001-2.12.) [Text on p. 2 of cover. Reprinted from Journal of Acoustical Society of America, v. 35, no. 4, Apr. 1963. Copyright, 1963 by Acoustical Society of America.]
- 5467 407. Relation of perstimulatory adaptation to other short-term threshold-shifting mechanisms [with list of references]; by Russell L. Sergeant and J. Donald Harris. Aug. 13, 1963. cover title, p. 27-39, il. 4° (Vol. 22, no. 9, research project MR005.14-1001-2.13.) [Text on p. 2 of cover. Reprinted from Journal of speech and hearing research, Mar. 1963, v. 6, no. 1.]
- 5468 410. Discrimination of color: 3, [Effect of spectral bandwidth; by Michael H. Siegel. Sept. 9, 1963. cover title, p. 874-877, il. 4° (Vol. 22, no. 12, research project MR005.14-1001-1.31.) [Text on p. 2 of cover. Reprinted from Journal of Optical Society of America, v. 53, no. 7, July 1963.]
- 5469 412. Speech during respiration of mixture of helium and oxygen [with list of references]; by Russell L. Sergeant. Oct. 14, 1963. cover title, p. 826-829, il. 4° (Vol. 22, no. 14, research project MR005.14-1001-4.03.) [Text on p. 2 of cover. Reprinted from Aerospace medicine, v. 34, no. 9, Sept. 1963.]

MILITARY HISTORY, OFFICE OF CHIEF OF (Army), Defense Dept.

- 5470 Publications of Office of Chief of Military History, Department of Army.
[1964.] [2]+24 p. narrow 8° † ● Item 344-B D 114.10 : 964

MINES BUREAU, Interior Dept.

- 5471 Fluorspar in 1963; prepared by Paul M. Ambrose. Dec. 16, 1963. 1 p. 4°
(Mineral industry surveys; fluorspar, annual, preliminary.) † Mines
Bureau, Pittsburgh, Pa. I 28.70/2 : 963/prelim.
- Information circulars. I 28.27 : (nos.)
- 5472 8193. Underground gasification of coal, 1945-60, bibliography; by John P. Capp, Robert W. Lowe, and Dorothy W. Simon. [1963.] [3]+233 p. 4°
† Mines Bureau, Pittsburgh, Pa.
L.C. card 64-60592
- 5473 8199. Mining and beneficiating methods and costs at 2 crushed-limestone operations, Madison County, Iowa; by L. G. Marshall. [1963.] [3]+18 p.
il. 4° † Mines Bureau, Pittsburgh, Pa.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 5474 8202. Sand and gravel operations and costs, Concrete Materials and Construction Division, Martin Marietta Corp., West Des Moines, Iowa; by L. G. Marshall. [1963.] [3]+14 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 5475 8204. Mining methods and costs, Moutt mine, American Chrome Co., Stillwater County, Mont. [with bibliography]; by Paul M. Price. [1963.] [2]+ii+58 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
L.C. card 64-60593
- 5476 8207. Economic aspects of silver production in Coeur D'Alene mining region, Shoshone County, Idaho [with bibliography]; by Frank B. Fulkerson. [1964.] [3]+20 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
L.C. card 64-60645
- 5477 8208. Loading and transportation at zinc-lead mines, Eagle-Picher Co., Jo Daviess County, Ill., and Lafayette County, Wis.; by William A. Beck. [1964.] [2]+ii+31 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 5478 Iron ore in 1963; prepared by Horace T. Reno. Dec. 18, 1963. 3 p. 4° (Mineral industry surveys; Iron ore, annual, preliminary.) † Mines Bureau, Pittsburgh, Pa. I 28.66/2: 963/prelim.
- Petroleum products survey. (Mineral industry surveys.) † Mines Bureau, Pittsburgh, Pa.
- 5479 33. Motor gasolines, summer 1963; prepared by O. C. Blade. Jan. 1964. cover title, [1]+35 p. 4 pl. map, 4° I 28.18/3: 33
L.C. card 60-64433 I 28.23: (nos.)
- Report of investigations.**
- 5480 6330. Bovill clay and sand deposit, Latah County, Idaho, geology, mineralogy, and beneficiation tests; by Hal J. Kelly, George J. Carter, and George H. Todd. [1963.] [2]+iii+56 p. il. 4° [Based on work done in cooperation with J. R. Simplot Co., Boise, Idaho, and School of Mineral Engineering, University of Washington.] † Mines Bureau, Pittsburgh, Pa.
- 5481 6333. Effect of decoupling on explosion-generated strain pulses in rock [with list of references]; by Thomas C. Atchison, Wilbur I. Duvall, and Joseph M. Pugliese. [1964.] [2]+ii+49 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 5482 6335. Two hydrated calcium aluminates encountered in lime-soda slinter process [with list of references]; by R. V. Lundquist and H. Leitch. [1963.] [3]+9 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 5483 6336. Laboratory smelting of copper precipitator dust; by L. Mark Irwin and R. A. Marsyla. [1963.] [3]+9 p. 4° † Mines Bureau, Pittsburgh, Pa.
- 5484 6337. Heats of combustion and formation of carbides of tungsten and molybdenum; by Alla D. Mah. [1963.] [3]+9 p. 4° [Includes lists of references in footnotes.] † Mines Bureau, Pittsburgh, Pa.
- 5485 6338. Experimental conversion of hematite to magnetite with solid reductants; by P. A. Wasson and M. M. Fine. [1963.] [3]+13 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 5486 6339. Compressive strength versus length-diameter ratios of potash specimens [with list of references]; by Robert T. Beckman. [1963.] [3]+15 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 5487 6340. Effect of natural gas concentration on ignitibility of gallery atmospheres [with list of references]; by R. W. Van Dolah, N. E. Hanna, and R. L. Grant. [1963.] [3]+15 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 5488 6342. Preparation characteristics of coal from Russell County, Va. [with bibliography]; by Albert W. Deurbrouck. [1963.] [2]+iii+32 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 5489 6343. Low-temperature heat capacities and entropies at 298.15°K of akermanite, cordierite, gehlenite, and merwinite; by W. W. Weller and K. K. Kelley. [1963.] [3]+7 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 5490 6344. Experimental coal-dust and gas explosions; by John Nagy and Donald W. Mitchell. [1963.] [2]+ii+27 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 5491 6345. Noise from pneumatic rock drills, analogy studies of muffler designs [with list of references]; by R. T. DeWoody, J. W. Chester, and W. C. Miller. [1964.] [3]+24 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 5492 6346. Radioactivity in alkaline leach milling processes [with list of references]; by K. E. Tame. [1964.] [3]+8 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 5493 6350. Reconnaissance of tellurium resources in Arizona, Colorado, New Mexico, and Utah, including selected data from other Western States and Mexico [with list of references]; F. D. Everett. [1964.] [3]+38 p. 4° † Mines Bureau, Pittsburgh, Pa.
- 5494 6351. Abatement of noise from explosives testing [with list of references]; by R. W. Van Dolah, F. C. Gibson, and N. E. Hanna. [1964.] [3]+23 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 5495 6353. Apparatus for detecting helium leaks [with list of references]; by C. L. Klingman and J. C. Meeks. [1964.] [3]+17 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 5496 6355. Carbonizing properties of coals from Buchanan, Dickenson, Russell, Tazewell, and Wise Counties, Va.; by G. W. Birge, D. E. Wolfson, and J. H. Lynch, jr. [1964.] [3]+22 p. il. 4° † Mines Bureau, Pittsburgh, Pa.

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- 5497 Sulfur in 1963, preliminary; prepared by C. O. Babcock. Dec. 11, 1963. 1 p. 4° (Mineral industry surveys; sulfur, annual.) † Mines Bureau, Pittsburgh, Pa. I 28.63/2: 963/prelim.
- 5498 Wilkeson area coal study, Pierce County, Wash.; prepared jointly by Bureau of Mines and H. Zinder & Associates under supervision of Bonneville Power Administration for Area Redevelopment Administration. June 1963. cover title, [3]+54 p. il. 4° † I 28.2: W 65

MISSOURI BASIN INTER-AGENCY COMMITTEE

- 5499 Minutes of 133d meeting Missouri Basin Inter-Agency Committee, Oct. 9, 1963, Fargo, N. Dak.; prepared by C. L. Conaway. [1963.] [128] p. il. 4° † L.C. card 57-33283 Y 3.M 69: 2 M 66/963-5

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NASA contractor report CR (series).

- 5500 22. Field-emission investigation of thermal desorption and surface diffusion of cesium on tungsten [with list of references]; by L. W. Swanson [and others]. Jan. 1964. cover title, [1]+40+[1] p. il. 4° [Prepared under contract NASw-458 by Field Emission Corporation, McMinnville, Oreg.] † Paper, \$1.25. NAS 1.26: 22

NASA SP (series).

NAS 1.21: (nos.)

- 5501 39. Results of Project Mercury ballistic and orbital chimpanzee flight [papers, with lists of references]; edited by James F. Henry and John D. Moseley. 1963. vi+71 p. il. 4° (Office of Scientific and Technical Information.) [Prepared by Manned Spacecraft Center, Houston, Tex.] † Paper, 45c. ● Item 831-1 L.C. card 64-60583
- 5502 3005. Tables of composition, opacity, and thermodynamic properties of hydrogen at high temperatures [with list of references]; by N. L. Krascella. 1963. iii+185 p. il. 4° (Office of Scientific and Technical Information.) [Prepared under contract for NASA by United Aircraft Corporation Research Laboratories, East Hartford, Conn.] † Paper, \$3.00 L.C. card 64-60574
- 5503 5001. Improved precision height gage, source, Lester B. Vale, Ames Research Center. Nov. 1963. 12 p. il. 4° (Office of Technology Utilization, Technology utilization report.) † Paper, 50c. L.C. card 64-60650

NASA technical memorandum TM (series).

NAS 1.15: X-(nos.)

- 5504 X-940. Practical method for determining directivity of H. F. and V. H. F. antenna systems [with list of references]; by C. S. L. Keay and R. E. Gray. Jan. 1964. cover title, [1]+1+17+[1] p. il. 4° [Prepared under grant NSG-219-62 by University of Canterbury Christchurch, New Zealand.] † Paper, 50c.
- 5505 X-941. Lightweight folding boom for accurately placing scientific experiments up to 25 ft. from large spacecraft; by John P. Bauernschub, jr. Jan. 1964. cover title, [1]+iii+7+[1] p. il. 4° † Paper, 50c.
- 5506 X-944. Flight investigation of solar orientation control system for spacecraft [with one reference]; by Anthony Fontana [and others]. Jan. 1964. cover title, [1]+48+[1] p. il. 4° † Paper, \$1.25.

NASA technical note TN (series).

NAS 1.14: D-(nos.)

- 5507 D-1829. Performance analysis of high-energy chemical stages for interplanetary missions [with bibliography]; by Walter H. Stafford, Sam H. Harlin, and Carmen R. Catalfamo. Jan. 1964. cover title, xviii+124+[2] p. il. 4° † Paper, \$2.75.
- 5508 D-1916. Launch environment profiles for sounding rockets and spacecraft [with bibliography]; by W. J. Neff and R. A. Montes de Oca. Jan. 1964. cover title, [1]+iii+34+[2] p. il. 4° [Prepared under contract NAS 5-2415 by Booz-Allen Applied Research, Inc., Bethesda, Md.] † Paper, \$1.00.
- 5509 D-1970. Description of analog computer approach to V/STOL simulation employing variable-stability helicopter [with one reference]; by John F. Garren, jr., and James R. Kelly. Jan. 1964. cover title, [1]+13+[1] p. il. 4° † Paper, 50c.
- 5510 D-2001. Touchdown dynamics analysis of spacecraft for soft lunar landing [with list of references]; by Robert E. Lavender. Jan. 1964. cover title, vii+32+[1] p. il. 4° † Paper, \$1.00.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C., Unless Otherwise Indicated

MARCH 1964

- 5511 D-2023. Description and initial calibration of Langley hotshot tunnel with some real-gas charts for nitrogen [with list of references]; by Fred M. Smith, Edwin F. Harrison, and Pierce L. Lawing. Dec. 1963. cover title, [1]+57+[1] p. il. 4° Φ Paper, \$1.50.
- 5512 D-2035. Landing characteristics of reentry vehicle with passive landing system for impact alleviation [with list of references]; by Sandy M. Stubbs. Jan. 1964. cover title, [1]+23+[1] p. il. 4° Φ Paper, 75c.
- 5513 D-2036. Fixed-base visual-simulator study of pilot control of orbital docking of attitude-stabilized vehicles [with list of references]; by Donald R. Riley and William T. Suit. Jan. 1964. cover title, [1]+44+[1] p. il. 4° Φ Paper, \$1.25.
- 5514 D-2045. Residual static strength of several titanium and stainless-steel alloys and one superalloy at -109° F, 70° F, and 550° F [with list of references]; by I. E. Flgge. Dec. 1963. cover title, [1]+21+[2] p. il. 4° Φ Paper, 75c.
- 5515 D-2057. Static longitudinal characteristics of Project Fire reentry stage after reentry-package separation at Mach 28.3 in helium [with list of references]; by Curtis D. Snyder. Jan. 1964. cover title, [1]+19+[1] p. il. 4° Φ Paper, 50c.
- 5516 D-2078. Field emission charging of metallic colloids [with list of references]; by N. Stankiewicz. Dec. 1963. cover title, [1]+25+[1] p. il. 4° Φ Paper, 75c.
- 5517 D-2081. Evaporation rates for various organic liquid and solid lubricants in vacuum to 10^{-8} to millimeter of mercury at 55° to 1100° F [with list of references]; by Donald H. Buckley and Robert L. Johnson. Dec. 1963. cover title, [1]+26+[2] p. il. 4° Φ Paper, 75c.
- 5518 D-2092. Electricity in terrestrial atmosphere above exchange layer [with list of references]; by Elden C. Whipple, jr. Jan. 1964. cover title, [1]+iii+20+[2] p. il. 4° Φ Paper, 75c.
- 5519 D-2128. On direct solution of governing equation for radiation-resisted shock waves [with list of references]; by Walter E. Pearson. Jan. 1964. cover title, [1]+16+[1] p. il. 4° Φ Paper, 50c.
- 5520 D-2137. Analysis of errors in geographic referencing of Nimbus cloud pictures [with list of references]; by Eugene M. Darling, jr. Jan. 1964. cover title, [1]+iii+23+[1] p. il. 4° Φ Paper, 75c.
- 5521 D-2241. Comparison of flight pressure measurements with wind-tunnel data and theory for forward fuselage of X-15 airplane at Mach numbers from 0.8 to 6.0 [with list of references]; by Jon S. Pyle. Jan. 1964. cover title, [1]+29+[1] p. il. 4° Φ Paper, 75c.
- 5522 D-2244. Radar investigation of meteors at high rates of detection [with list of references]; by C. Ellyett, C. S. L. Keay, and E. C. McLaughlan. Jan. 1964. cover title, [1]+ii+39+[1] p. il. 4° Φ Paper, \$1.25.

NASA technical report R (series).

NAS 1.12: (nos.)

- 5523 131. Final report on Tiros I meteorological satellite system [with bibliographies] by staffs of Goddard Space Flight Center and Weather Bureau. [1964.] cover title, [2]+vi+258+[1] p. il. 4° (1962 [series].) * Paper; \$2.25. ● Item 830-D
- 5524 147. Computation of satellite orbits by Hansen method as modified by Musen [with bibliographies]; by Howard T. Phelan. [1963.] cover title [1]+iv+55+[1] p. il. 4° (1962 series.) * Paper, 55c. ● Item 830-D
- 5525 184. Phenomenological model of thermophototropism [with list of appendix references]; by John B. Schutt. Jan. 1964. cover title, [1]+iii+15+[1] p. il. 4° Φ Paper, 50c.
- 5526 185. Aerodynamic heating of conical entry vehicles at speeds in excess of earth parabolic speed [with list of references]; by H. Julian Allen, Alvin Seiff, and Warren Winovich. Dec. 1963. cover title, [1]+97+[2] p. il. 4° Φ Paper, \$2.25.
- 5527 186. On mechanism of ductile bending in ionic crystals [with list of references]; by Charles E. May. Dec. 1963. cover title, [1]+9+[1] p. il. 4° Φ Paper, 50c.
- 5528 188. Astrolativity [with list of references]; by Helmut G. L. Krause. Jan. 1964. cover title, [1]+iii+59+[2] p. 4° Φ Paper, \$1.75.
- 5529 R-189. Pulse-frequency-modulation telemetry [with list of references]; by Robert W. Rochelle. Jan. 1964. cover title, [1]+iii+54+[1] p. il. 4° Φ Paper, \$1.50.
L.C. card 64-60497

NASA technical translation TT (series).

NAS 1.13/2: F-(nos.)

- 5530 F-111. On moldavites from Bohemia and Moravia; by F. Hanus. Jan. 1964. cover title, [1]+vi+114+[1] p. il. 4° [From Rozprawy Ceske Akademie Ved Trida II, (Matematicko-prirodnicka) v. 37, no. 24, 1928.] Φ Paper, \$2.75.
- 5529 189. Pulse-frequency-modulation telemetry [with list of references]; by [with list of references]; by V. S. Bagotskiy and A. N. Frumkin. Jan. 1964. cover title, [1]+20+[1] p. il. 4° [From Vestnik Akademii Nauk SSSR, no. 7, 1962.] Φ Paper, 75c.

*For Sale by Superintendent of Documents

Φ For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed in Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

NASA technical translation TT (series)—Continued

- 5532 F-144. On structure of magnetic fields in active region of sun [with bibliography]; by V. Ye Stepanov and S. I. Gopasyuk. Jan. 1964. cover title, [1]+38+[1] p. il. 4° [From Izvestiya Krymskoy Astrofizicheskoy Observatorii, Akademiya Nauk SSSR, v. 28, 1962.] Φ Paper, \$1.00.
- 5533 F-190. Formation of conditioned reflex responses to magnetic field in fish [with bibliography]; by Yu. A. Kholodov. Jan. 1964. cover title, [1]+13+[1] p. il. 4° [From Trudy soveshchaniya po fiziologii ryb Akademii Nauk SSSR, no. 8, 1958.] Φ Paper, 50c.
- 5534 F-191. Determining molecular weight of polyethyleneterephthalate from terminal radicals [with bibliography]; by S. P. Matvereva and V. A. Myagkov. Jan. 1964. cover title, [1]+8+[1] p. il. 4° [From Khimicheskiye volokna, no. 5, 1959.] Φ Paper, 50c.
- 5535 Space, new frontier. [1963.] cover title, 72 p. il. oblong 8° [Text on p. 2 of cover. Other illustrations in color on p. 1-4 of cover.] * Paper, 50c. ● Item 830-C
L.C. card 64-60666 NAS 1.2: Sp 1/4/963
- 5536 Tiros, 1st weather satellite. [1963.] [9] leaves, il. 4° * Paper, 10c.
● Item 830-C NAS 1.2: T 51/2

NATIONAL AERONAUTICS AND SPACE COUNCIL, Executive Office of the President

NOTE.—The National Aeronautics and Space Council was established by Public law 85-568 of July 29, 1958.

- 5537 Report to Congress from President of United States, United States aeronautics and space activities, 1963. [1964.] [3] leaves+148 p. il. 4° [Also issued as H. doc. 207, 88th Cong., 2d sess., and sent to depositories in that form.] †
PrEx 5.9: 963

NATIONAL ARCHIVES AND RECORDS SERVICE, General Services Administration

Preliminary inventories.

- 5538 158. Preliminary inventory of records of Commissioner of Railroads (record group 193); compiled by Marlon M. Johnson. 1964. v+18 p. 4° ([National Archives publication 64-7.]) †
L.C. card A 63-7854 GS 4.10: 158

NATIONAL BUREAU OF STANDARDS, Commerce Dept.

Commercial standard CS (series). ([Office of Commodity Standards.]) ● Item 243 C 13.20: (nos.)

- 5539 20-63. Vitreous china plumbing fixtures, recorded voluntary standard of trade. [7th edition.] [1963.] 24+[3] p. il. 4° [Effective Nov. 15, 1963. Supersedes CS 20-56.] * Paper, 20c.
- 5540 150-63. Hot-rolled rail steel bars (produced from tee-section rails), recorded voluntary standard of trade. [1964.] 20 p. [Effective Dec. 15, 1963. Supersedes CS 150-48.] * Paper, 10c.
- 5541 254-63. Acrylonitrile-butadiene-styrene (ABS) plastic pipe (SDR-PR and Class T), recorded voluntary standard of trade. [1963.] 16 p. [Effective July 1, 1963.] * Paper, 10c.
- 5542 255-63. Polyethylene (PE) plastic pipe (SDR-PR), recorded voluntary standard of trade. [1963.] 14+[2] p. [Effective July 1, 1963.] * Paper, 10c.
- 5543 256-63. Polyvinyl chloride (PVC) plastic pipe (SDR-PR and class T), recorded voluntary standard of trade. [1964.] 15+[2] p. [Effective July 1, 1963.] * Paper, 10c.

Handbook. ● Item 245

- 5544 86. Radioactivity (Recommendation of International Commission on Radiological Units and Measurement), addendum. Jan. 20, 1964. 1 p. †
C 13.11: 86/add.

Miscellaneous publication. ● Item 247

- 5545 253. General physical constants recommended by NAS-NRC, adopted by NBS, [Recommended unit prefixes, Defined values and conversion factors, wallet size plastic card]. [Nov. 1963.] 2.5 x 3.6 in. * \$2.50 per 100; single copy 5c.
C 13.10: 253/2

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Monograph. ● Item 247-A

- 5546 72. Curves of input impedance change due to ground for dipole antennas [with list of references; by] L. E. Vogler and J. L. Noble. Jan. 31, 1964. iii+47 p. il. 4° [Most of work in this monograph was sponsored by Jet Propulsion Laboratory, Pasadena, Calif., as part of lunar point-to-point communication study.] * Paper, 35c. C 13.44: 72
L.C. card 63-62354

Simplified practice recommendation R (series). (Office of Commodity Standards.) ● Item 249 C 13.12: (nos.)

- 5547 265-63. Forms for 2-way concrete joist floor and roof construction, recorded voluntary recommendation of trade. [1964.] 8 p. [Effective date Dec. 1, 1963.] * Paper, 5c.
- 5548 266-63. Gypsum board products, recorded voluntary recommendation of trade. [1963.] 12 p. [Effective Sept. 9, 1963.] * Paper, 10c.

Technical notes. ● Item 249-A C 13.46: (nos.)

- 5549 203. BOUMAC macro-programming system for scientific computation [with list of references; by] John H. Devenney and John J. Sopka. Dec. 18, 1963. iii+37 p. il. 4° * Paper, 30c.
- 5550 234. Soviet research in field emission, 1960-63, annotated bibliography; [by] Tibor W. Marton and Ralph Klein. Feb. 24, 1964. iii+39 p. 4° * Paper, 30c. ● Item 249-A
L.C. card 64-60614

NATIONAL GALLERY OF ART, Smithsonian Institution

- 5551 National Gallery of Art, United States. [1964.] [2]+29 p. il. †
● Item 917
L.C. card 41-50295 SI 8.2: N 21/964

NATIONAL INSTITUTES OF HEALTH, Health, Education,
and Welfare Dept.

- 5552 Alcohol and traffic safety [with lists of references]; edited by Bernard H. Fox and James H. Fox. May 1963. xiv+258 p. il. ([Public Health Service publication 1043.]) * Cloth, \$1.75. ● Item 507
L.C. card 64-60612 FS 2.22: A1-1/2
- 5553 Axial transverse encephalography, new concept in pneumoencephalographic interpretation; [by] Giovanni Di Chiro. [1963.] cover title, [2]+10 p. il. ([Public Health Service publication 1104.]) † ● Item 507
FS 2.22: En 1
- 5554 Data on patients of outpatient psychiatric clinics in United States, 1962; [prepared by] Mary Ann Rippy and Catherine Hench. [1963.] cover title, 29 p. 4° ([Outpatient Studies Section, Biometrics Branch, National Institute of Mental Health, Bethesda, Md.]) † ● Item 507-A-5
L.C. card 64-60632 FS 2.22/38: 962
- 5555 Digest, State mental health planning grant proposals, 1963; [prepared by] Dorothea L. Dolan. [Aug. 1963.] vi+72+[1] p. 4° (National Institute of Mental Health.) [National clearinghouse for mental health information digest, Special issue.] † ● Item 507
L.C. card 64-60678 FS 2.22: M 52/36
- 5556 National Institute of Dental Research 1948-63, addresses presented at 15th anniversary, June 14, 1963; [prepared by] Information Office, National Institute of Dental Research. [1963.] [4]+26 p. il. † ● Item 507
L.C. card 64-60339 FS 2.22: D 43/4/948-63
- 5557 National Institutes of Health. [Revised 1964.] [1964.] vii+38 p. il. 4° ([Public Health Service publication 81.]) * Paper, 35c. ● Item 507
L.C. card 51-61510 FS 2.22: N 21/2/964
- 5558 Patients in mental institutions, 1961; pt. 1, Public institutions for mentally retarded; prepared by National Institute of Mental Health, Biometrics Branch, Hospital Studies Section. [1964.] 67 p. 4° ([Public Health Service publication 1091, pt. 1.]) † ● Item 494
L.C. card 42-37617 FS 2.59: 961/pt.1

*For Sale by Superintendent of Documents
*For Sale by OTS, Commerce Dept.
● Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 5559 Research and training programs of National Institute of Child Health and Human Development; [prepared by Information Office, National Institute of Child Health and Human Development]. [Nov. 1963.] 10+[2] p. il. narrow 8° ([Publication 1099.]) * Paper, 10c. ● Item 507
FS 2.22: C 43/2

NATIONAL INVENTORS COUNCIL, Commerce Dept.

- 5560 Inventions wanted by Armed Forces and other Government agencies, v. 2 [list]. Revised Jan. 1964. [1964.] cover title, ii+62 p. il. 4° [Prepared with cooperation of Army, Navy, and Air Force and other Government agencies.] † ● Item 250-D-1
L.C. card 61-60372
C 32.8: v.2/964

NATIONAL LABOR RELATIONS BOARD

- 5561 Employer rights and their limitations during union organizational campaigns [with list of references], address by Howard W. Kleeb, associate executive secretary, National Labor Relations Board, at NLRB conference workshop, Washington University, St. Louis, Mo., Jan. 29, 1964. [1964.] [1]+24 p. 4° †
LR 1.7: K 67/2

NATIONAL MEDIATION BOARD

- 5562 29th annual report of National Mediation Board, including report of National Railroad Adjustment Board, fiscal year 1963. 1963. vi+96 p. * Paper, 30c. ● Item 832
L.C. card 35-26978
NMB 1.1: 963

NATIONAL MUSEUM, Smithsonian Institution

Contributions from National Herbarium. †

- 5563 v. 36, pt. 3. Lichen family Graphidaceae in Mexico [with bibliography]; by Michael Wirth and Mason E. Hale, jr. 1963. [1]+63-119 p. il. ● Item 920
L.C. card 64-60648
SI 3.8: 36/3
- 5564 United States National Museum, annual report for year ended June 30, 1963. [1964.] viii+226 p. il. [Also issued as H. doc. 162, 88th Cong., 1st sess.] † ● Item 918
L.C. card 6-6378
SI 3.1: 963

NATIONAL PARK SERVICE, Interior Dept.

- 5565 Carpenters' Hall, Independence National Historical Park. [1964.] [12] p. il. narrow 8° † ● Item 650
I 29.21: In 21/3/964
- 5566 Career employment in National Park Service. [1964.] 32 p. il. narrow 8° † ● Item 648
I 29.2: Em 7/2
- 5567 Katamai National Monument, Alaska. [Revised Aug. 1963.] [1963.] [12] p. il. narrow 8° * Paper, 10c. ● Item 650
I 29.21: K 15/963
- 5568 Laws relating to National Park Service, supp. 2, May 1944-Jan. 1963; compiled by Hillory A. Tolson. 1963. vii+585 p. †
L.C. card 33-26864
I 29.46: L 44/supp. 2
- 5569 Prince William Forest Park, Va. [1964.] [10] p. il. narrow 8° † ● Item 651
I 29.6: P 93/964
- 5570 Tonto National Monument. [1963.] [12] p. il. narrow 8° * Paper, 10c. ● Item 650
I 29.21: T 61/2/963
- 5571 Welcome to cherry blossoms [Washington, D.C.]. [Revised 1964.] [1964.] [6] p. il. * Paper, 5c. ● Item 648
I 29.2: C 42/2/964

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

NATIONAL SCIENCE FOUNDATION

International science notes, supplement S-(series). (Office of International Science Activities.) †

5572 1. Research and development activities of Economics Ministry, Germany; [by] Herman I. Chinn. Nov. 1963. [1]+i+19 leaves, 4° NS 1.17/3:1

Scientific information activities of Federal agencies. ● Item 834-J

5573 22. U.S. Air Force, pt. 1. Jan. 1964. 40 p. 4° (NSF 63-45.) * Paper, 25c. NS 1.16:22

NAVAL OCEANOGRAPHIC OFFICE, Defense Dept.

Publications. ● Item 378 (Rev. 1957) D 203.22: (nos.)

- 5574 21. Change 4, no. 2, 1963, looseleaf change pages for correcting Sailing directions for West Indies, v. 1, 3d edition, 1958. 1963. [194] p. il. 4° [Formerly 128. Includes list of effective pages.] † Paper, 35c.
- 5575 35. Change 9, Nov. 9, 1963, looseleaf change pages for correcting Sailing directions for east coast of England, 5th edition, 1951. 1963. [134] p. il. 4° [Formerly 150. Includes list of effective pages.] † Paper, 35c.
- 5576 65. Change 8, Nov. 2, 1963, looseleaf change pages for correcting Sailing directions for south Indian Ocean, 4th edition, 1952. 1963. [168] p. il. 4° [Formerly no. 161. Includes list of effective pages.] † Paper, 35c.
- 5577 94. Change 3, Oct. 26, 1963, looseleaf change pages for correcting sailing directions for coast of China, 6th edition, 1959. 1963. [116] p. il. 4° [Formerly 124. Includes list of effective pages.] † Paper, 35c.
- 5578 113. Change 2, Nov. 30, 1963, to list of lights and fog signals, West Coasts of Europe and Africa, Mediterranean Sea, Black Sea and Azovskoye More (Sea of Azov). 1964. [147] p. il. 4° [Includes list of effective pages and Notice to mariners 48, 1963. Supersedes any previous list. Issued in looseleaf form.] † Paper, 50c.
- 5579 117A. Change 3, Dec. 28, 1963, to radio navigational aids, Atlantic and Mediterranean area. 1964. [114] p. il. 4° [Includes list of effective pages and Notice to mariners 52, 1963. Supersedes any previous list. Issued in looseleaf form.] † Paper, 50c.

NAVAL PERSONNEL BUREAU, Defense Dept.

- 5580 Aviation electrician's mate 1 & C [with reading list; prepared by Navy Training Publications Center]. [1963 edition.] [1963.] cover title, vi+375 p. il. 4° (Navy training course, NAVPERS 10349-A.) * Paper, \$2.00. ● Item 404
L.C. card 64-60316 D 208.11: Av 5/19/963
- 5581 Construction electrician 3 & 2 [with reading list; prepared by Navy Training Publications Center]. [Original edition 1949, revised, 1963.] [1963.] cover title, iv+301 p. il. 4° (Navy training course, NAVPERS 10636-E.) † ● Item 404
L.C. card 64-60463 D 208.11: E1 2/6/963
- 5582 Guide for construction and operation of hobby craft shops [with selected list of technical references on arts and crafts]. [1963.] cover title, [57] p. il. 4° (NAVPERS 15969.) [Issued with perforations.] † ● Item 403-A
L.C. card 64-60369 D 208.6/3: H 65
- 5583 Instrumentman 3 & 2 [with reading list; prepared by Navy Training Publications Center]. [1st edition 1949, major revision 1963.] [1964.] cover title, v+150 p. il. 4° (Navy training course, NAVPERS 10193-B.) † ● Item 404
L.C. card 64-60587 D 208.11: In 7/2/963

*For Sale by Superintendent of Documents
●For Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- 5584 Introduction to electronics; [prepared by Navy Training Publications Center]. [1963.] cover title, iii+149 p. il. 4° (Navy training course, NAVPERS 10084.) * Paper, 75c. ● Item 404
L.C. card 64-60588 D 208.11: E1 2/16
- 5585 Introduction to sonar [with reading list; prepared by Navy Training Publications Center]. [2d edition 1963.] [1963.] cover title, vi+162 p. il. 1 pl. 4° (Navy training course, NAVPERS 10130-A.) * Paper, \$1.25. ● Item 404
L.C. card 64-60406 D 208.11: So 5/2/963

NAVAL RESEARCH OFFICE, Defense Dept.

Naval Training Device Center, Port Washington, N.Y.: Technical report NAVTRADEVCCEN (series). ‡

- 5586 786-2. Internal environmental simulator for man-machine system [with bibliography; by] J. D. Zeff [and others]. Sept. 1963. cover title, vi+75 p. il. 4° (Contract N61339-786; American Machine & Foundry Company, Mechanics Research Division, Niles 48, Ill.)
D 210.14: 786-2

NRL reports. (Naval Research Laboratory.)

D 210.8: (nos.)

- 5587 5906. Solvent-induced effects on infrared spectra [with list of references; by] R. E. Kagarise. May 24, 1963. cover title, i+14+[2] p. il. 4°
Φ Xerox reproduction, \$1.60 (AD 407429).
- 5588 5914. Effect of fatigue cracks on notch strength and fracture development in cylindrical specimens of heat-treated 4340 steel [with list of references; by] E. F. Klier. June 24, 1963. cover title, ii+13+[2] p. il. 4°
Φ Paper, 50c (AD 414823).
- 5589 5917. Numerical method for transient response of nonlinear systems [with list of references; by] G. J. O'Hara and P. F. Cuniff. June 21, 1963. cover title, ii+18+[1] p. il. 4°
Φ Xerox reproduction, \$2.60 (AD 414807).
- 5590 5922. Four-frequency radar master console [with bibliography; by] F. R. Fluhr. June 7, 1963. cover title, ii+28 p. il. 4°
Φ Xerox reproduction, \$3.60 (AD 409128).
- 5591 5930. In-pile Hall coefficient and conductivity measurements on zone-refined P-type silicon [with list of references; by] G. C. Bailey and C. M. Williams. May 13, 1963. cover title, ii+12+[2] p. il. 4°
Φ Xerox reproduction, \$1.60 (AD 407073).
- 5592 5932. Behavior of monolayers of progressively fluorinated fatty acids adsorbed on water [with list of references; by] Marianne K. Burnett and W. A. Zisman. May 21, 1963. cover title, ii+12+[2] p. il. 4°
Φ Xerox reproduction, \$1.60 (AD 407266).
- 5593 5933. Fluorescent color specification by means of Beckman model DK-2 spectrophotometer [with list of references; by] G. E. Rohl [and others]. June 11, 1963. cover title, ii+29+[2] p. il. 4°
Φ Xerox reproduction, \$2.60 (AD 417075).
- 5594 5934. Experimental K-band mixer [with bibliography; by] F. H. Thompson. May 20, 1963. cover title, i+6 p. il. 4°
Φ Xerox reproduction, \$1.10 (AD 407807).
- 5595 5935. Calculation of magnetization vs. temperature curves for ferrimagnetic materials [with list of references; by] E. Prince. May 21, 1963. cover title, ii+[2] p. il. 4° [Text on p. 2 of cover.]
Φ Xerox reproduction, \$1.60 (AD 407420).
- 5596 5940. Comparison of static and dynamic properties of photoelastic materials [with list of references; by] A. B. J. Clark and R. J. Sanford. May 29, 1963. cover title, ii+7+[1] p. il. 4°
Φ Paper, 50c. (AD 407316).
- 5597 5941. Transmission of ruby laser light through water [with list of references; by] J. A. Curcio and G. L. Knestrick. June 18, 1963. cover title, ii+[1] p. il. 4° [Erratum, 1 p. oblong 48° was issued Oct. 1963.] ‡
- 5598 5943. Sawtooth and half-sine shock impulses from Navy shock machine for medium-weight equipment [with list of references; by] I. Vigness and E. W. Clements. June 3, 1963. cover title, ii+14+[2] p. il. 4°
Φ Xerox reproduction, \$2.60 (AD 408280).
- 5599 5944. Studies of initiation of electrical breakdown in vacuum [with list of references; by] R. F. Little and W. T. Whitney. May 20, 1963. cover title, 8+[1] p. il. 4°
Φ Paper, 50c. (AD 408298).
- 5600 5948. Effect of vacuum on creep-rupture properties of sintered aluminum and commercial aluminum [with list of references; by] M. R. Achter and P. Shahinian. July 1, 1963. cover title, ii+14+[1] p. il. 4°
Φ Paper, 50c. (AD 414806).
- 5601 5952. Surface activity of fluorinated organic compounds at organic-liquid air interfaces: pt. 5. Effect of partially fluorinated additives on wettability of solid polymers [with list of references; by] N. L. Jarvis [and others]. Aug. 9, 1963. cover title, i+12+[2] p. il. 4°
Φ Paper, 50c. (AD 420880).

*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 5602 5954. Study of feasibility of oxygen production by algae for nuclear submarines [with list of references; by] P. J. Hannan, R. L. Shuler, and C. Patouillet. Aug. 12, 1963. cover title, i+21+[2] p. il. 4° †
- 5603 5957. Effect of polar-nonpolar additives on oil-spreading on solids, with applications to nonspreading oils [with list of references; by] R. L. Cottingham, C. M. Murphy, and C. R. Singleterry. July 26, 1963. cover title, 12+[2] p. il. 4° [Text on p. 2 of cover.] † Paper, 50c. (AD 420881).
- 5604 5959. Prevention of liquid spreading or creeping [with list of references; by] Marianne K. Bernett and W. A. Zisman. July 1, 1963. cover title, 7+[2] p. il. 4° † Paper, 50c. (AD 413665).
- 5605 5960. Proposed phase diagram for system vanadium pentoxide-zinc oxide [with list of references; by] A. J. Pollard. July 1, 1963. cover title, 8+[1] p. il. 4° † Paper, 50c. (AD 412635).
- 5606 5961. Sea water battery plus tunnel diode converter as power source [with list of references; by] J. M. Marzolf. May 22, 1963. cover title, 4+[2] p. il. 4° [Text on p. 2 of cover.] † Paper, 50c. (AD 406782).
- 5607 5965. Simultaneous contamination and conversion effects in germanium heated to temperatures in evaporation range [with list of references; by] J. E. Davey and M. D. Montgomery. July 26, 1963. cover title, 7+[2] p. il. 4° † Paper, 50c. (AD 416785).
- 5608 5967. Stark profile measurement of Lyman- α and Lyman- β lines of hydrogen [with list of references; by] R. C. Elton. July 17, 1963. cover title, ii+32+[2] p. il. 4° † Xerox reproduction, \$3.60 (AD 418203).
- 5609 5968. Use of hf lunar reflection circuit in study of ionospheric electron density [with list of references; by] J. R. Davis and F. H. Utley. July 19, 1963. cover title, ii+12+[2] p. il. 4° † Xerox reproduction, \$1.60 (AD 414850).
- 5610 5971. Filterability of distillate fuels: pt. 2, Effect of fuel viscosity and related factors [with list of references; by] A. J. Chiantella and J. E. Johnson. Sept. 12, 1963. cover title, ii+18+[2] p. il. 4° † Paper, 50c. (AD 421925).
- 5610A 5976. NELIAC-N, tutorial report; [by] J. W. Kallander and R. M. Thatcher. June 17, 1963. cover title, i-iii, v-viii, 1-125c, 126-140 leaves, 4° (NAREC reference 29.) [Issued with perforations.] † Paper, \$1.00 (AD 408965).
- 5611 5979. Some factors affecting oxygen production by algae in small culture unit [with list of references; by] R. L. Shuler. Sept. 12, 1963. ii+11 p. il. 4° † Paper, 50c. (AD 421904).
- 5612 5983. Measurements of atmospheric electric conductivity and field in Shenandoah National Park, Va. [with list of references; by] R. V. Anderson and Eva Mae Trent. July 31, 1963. cover title, i+93+[2] p. il. 4° † Xerox reproduction, \$8.60 (AD 415428).
- 5613 5984. Neutron embrittlement of reactor pressure vessel steels [with list of references; by] L. E. Steele and J. R. Hawthorne. Oct. 22, 1963. cover title, ii+36+[2] p. il. 4° † Paper, \$1.00 (AD 423526).
- 5614 5988. High temperature properties of sodium and potassium, 10th progress report for period Jan. 1 to Mar. 31, 1963 [with one reference; by] C. T. Ewing [and others]. Aug. 5, 1963. cover title, 3+[1] p. il. 4° †
- 5615 5995. Diaphragms for sulfate cycle electrolytic cell [with list of references; by] J. A. Young, R. C. Clark, and K. D. Lawrence. Sept. 17, 1963. iv+12 p. il. 4° † Paper, 50c. (AD 421167).
- 5616 5897. Investigation of phenomenological characteristics of (p, γ) resonances [with list of references; by] R. O. Bondelid and J. W. Butler. May 7, 1963. cover title, iv+59+[2] p. il. 4° † Xerox reproduction, \$6.60 (AD 407036).
- 5617 Training device guide, change page notice 3; Nov. 1, 1963. [1963.] [40] p. il. 4° (NAVECOS P-530-2-R3; Naval Training Device Center, Port Washington, N.Y.) [Issued in loose-leaf form.] †

D 210.14/2; T 68/ch.3

NAVAL WEAPONS BUREAU, Defense Dept.

- 5618 Human factors design standards for fleet ballistic missile weapon system: v. 1, Design of systems [with list of references; edited by Joseph G. Wohl]. May 1963. v+103 p.+[2] leaves, il. 4° (NAVWEPS OD18413A; [Special Projects Office].) [Supersedes all previous issues.] * Paper, 75c. ● Item 408-B-2
L.C. card 64-60546 D 217.14: H 88/v.1
- 5619 — v. 2, Design of equipment [with lists of references]. Aug. 1962. vi+323 p.+[2] leaves, il. 4° (NAVWEPS OD18413A; [Special Projects Office].) [Supersedes all previous issues.] * Paper, \$1.75. ● Item 408-B-2
L.C. card 64-60546 D 217.14: H 88/v.2

*For Sale by Superintendent of Documents

†For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- Naval Ordnance Laboratory, White Oak, Md.: Technical report NOLTR (series).
- 5620 62-102. Nature of microwave parametric amplification [with list of references]; prepared by Edward T. Hooper, Jr. Sept. 5, 1962. v+71 p. il. 4°
 † Paper, \$2.00 (AD 290775). D 217.22: 62-102
- 5621 Nov. 16, 1963 [Polaris firing]. [1963.] [2]+12+[1] p. il. oblong 24°
 [Photographic record of the late President John F. Kennedy's visit to
 USS Observation Island prepared as a salute to him by Navy Polaris
 team.] † ● Item 408-B-1
 L.C. card 64-60668 D 217.2: P 75/2
- [Ordnance pamphlet] OP (series). ● Item 410-A
- 5622 3000, v. 3. Weapons systems fundamentals, synthesis of systems. [1963.] 1v+
 312 p. il. 4° * Cloth, \$3.00.
 L.C. card 60-62015 D 217.12: 3000/v.3
- Technical manual, Navy calibration program, measurement system operation
 procedure. (Metrology Department, Bureau of Naval Weapons
 Representative, Pomona.)
- 5623 HV-09. VSWR measurement of waveguide components, VSWR: 1.01:1 to 10.0:1
 frequency: 2.6 to 26.50 Gc (kmc). Apr. 1, 1963. cover title, 11+17
 p. il. 4° (NAVWEPS 17-25HV-09 NAVSHIPS.) † Paper, 50c. (PB
 181534). D 217.16/4-2: HV-09

NAVY DEPARTMENT, Defense Dept.

- 5624 Guide to forms management, [Change 1]; Oct. 28, 1963. [1963.] [1]+
 79-82 p. 4° (NMOINST 5213.5A, ch-1; Navy Management Office.)
 [Issued in loose-leaf form.] ‡ ● Item 370-A
 D 201.6/12: F 76/963/ch.1
- 5625 [Material Inspection Service] administration manual v. 2, chap. 10, and
 contract termination [and inventory disposition] handbook. [revised
 pages]. Dec. 17, 1963. [6] p. 4° (ONMINST 5000.3, v. 2, Change 83;
 Office of Naval Material.) [Issued in loose-leaf form.] * Paper, 5c.
 ● Item 373 D 201.6: C 76/958/rev. pages-9
- 5626 Presentations 5, Analysis, key to effective briefings. Oct. 1963. 16 p. il.
 (NAVEXOS P-2328-5; Navy Publications and Printing Service.) * Pa-
 per, 10c. ● Item 370-A D 201.6/12: P 92/no.5
- 5627 Publications management: 1, Guidelines for planning computer printout
 for printing press production. Nov. 1963 [published 1964]. [2]+16 p.
 il. (NAVEXOS P-2446-1; Navy Publications and Printing Service.)
 * Paper, 10c. ● Item 370-A D 201.6/12: P 96/no.1

ORDNANCE CORPS (Army), Defense Dept.

- Harry Diamond Laboratories: Technical report TR (series). (Army Ma-
 terial Command.)
- 5628 1087. Fluid amplification: 5, Jet attachment distance as function of adjacent
 wall offset and angle [with list of references; by] Sheldon G. Levin,
 Francis M. Manion. Dec. 31, 1962. 31 p. il. 4° (DA-5N03-01-003,
 OMS code 5010.11.71200, HDL proj 31100.) † Paper, \$1.00 (AD
 297895). D 105.14: 1087

OUTDOOR RECREATION BUREAU, Interior Dept.

- 5629 Remarks of Edward C. Crafts, director, Bureau of Outdoor Recreation,
 Department of Interior, at 18th annual convention, National Associa-
 tion of Soil and Water Conservation Districts, Kansas City, Mo., Feb. 5,
 1964. [1964.] 8 leaves, 4° † I 66.9: C 84/12

PATENT OFFICE, Commerce Dept.

- 5630 Manual of patent examining procedures, 3d ed., change notice series nos.
 1-17. Oct. 17, 1963. 1 p. 4° [Issued in loose-leaf form.] * Paper,

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

MARCH 1964

\$4.00 (including basic manual and supplementary material for an indefinite period); \$1.00 additional for foreign mailing. ● Item 259
C 21.15: 961/ch.1-17

POST OFFICE DEPARTMENT

- 5631 International mail, Dec. 1, 1963. [1963.] 11 p. il. (POD publication 51.) † ● Item 837
L.C. card 28-26826 P 1.2: In 8/2/963-2
- 5632 Remarks of Postmaster General John A. Gronouski at conference of Direct Mail Advertising Association, Washington, D.C., Feb. 4, 1964. [1964.] 6 leaves, 4° (General release 19; Information Service.) †
P 1.27: G 89/8
- 5633 Remarks of Postmaster General John A. Gronouski following launching of Casimir Pulaski Submarine luncheon, New London, Conn., Feb. 1, 1964. [1964.] 3 leaves, 4° (Information Service, General release 18.) †
P 1.27: G 89/7

PRESIDENT OF THE UNITED STATES

- 5634 Bibliography of world literature on mental retardation, Jan. 1940-Mar. 1963; [by] Rick Heber [and others]. [193.] vii+564 p. 4° [Published for President's Panel on Mental Retardation by Department of Health, Education, and Welfare, Public Health Service.] * Cloth, \$4.00. ● Item 851-J
L.C. card 64-60331 Pr 35.8: M 52/L 71
- 5635 Economic report of the President, transmitted to Congress Jan. 1964, together with Annual report of Council of Economic Advisers. 1964, vi+304 p. il. [Also issued as H. doc. 278, 88th Cong., 2d sess.] * Paper, \$1.25. ● Item 848
L.C. card 47-32975 Pr 36.9: 964
- 5636 President's Advisory Commission on Narcotic and Drug Abuse, final report, Nov. 1963. [1963.] iv+123 p. il. * Paper, 55c. ● Item 851-J
L.C. card 64-60320 Pr 35.8: N 16/R 29/963-2
- 5637 Remarks by Hobart Taylor, jr., executive vice chairman, President's Committee on Equal Employment Opportunity, before National Newspaper Publishers Association, Washington, D.C., Jan. 31, 1964. [1964.] 4 leaves, 4° (President's Committee on Equal Employment Opportunity.) † President's Committee on Equal Employment Opportunity
Pr 35.8: Em 7/T 21/2
- 5638 Report of Committee on Home and Community to President's Commission on Status of Women. Oct. 1963. vi+51 p. 4° [Text on p. 2 of cover.] * Paper, 35c. ● Item 851-J
L.C. card 64-60418 Pr 35.8: W 84/H 75
- 5639 Report of Committee on Private Employment to President's Commission on Status of Women. Oct. 1963 [published 1964]. v+55 p. 4° [Text on p. 2 of cover.] * Paper, 40c. ● Item 851-J
L.C. card 64-60464 Pr 35.8: W 84/Em 7/2
- 5640 Report to the President. [1964.] v+89 p. il. [President's Council on Aging.] * Paper, 35c. ● Item 851-J
L.C. card 64-60595 Pr 35.8: Ag 4/R 29

PUBLIC DOCUMENTS DIVISION, Government Printing Office

- 5641 Government publications relating to soil, wildlife, forest, water, conservation. [1964.] [2] p. 4° folded into narrow 48° size. † ● Item 552
GP 3.22: C 76/2/964

*For Sale by Superintendent of Documents

ΦFor Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

Page 83

GOVERNMENT PUBLICATIONS

- Price list PL (series). † ● Item 554 GP 3.9; (nos.)
- 5642 36. Government periodicals and subscription services; Feb. 1964. 113th edition. [1964.] [2]+32 p.
L.C. card 26-26170
- 5643 51A. Diseases, contagious and infectious diseases, sickness, and vital statistics; Nov. 1963. 14th edition. [1964.] [2]+11 p. il.
L.C. card 49-46434
- 5644 When digging for facts, uncover Government publications for accurate, useful, and interesting information, available from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. [1963.] [2] p. f° folded into oblong 48° size. † ● Item 552
GP 3.22: F 11/5/963

PUBLIC HEALTH SERVICE, Health, Education, and Welfare Dept.

- 5645 Agricultural migrants and public health [with list of references]; by Lucile Petry Leone and Helen L. Johnston. [1963.] 7 p. 4° [From Public health reports, v. 69, no. 1, Jan. 1954.] † FS 2.7/a: Ag 81
- 5646 Building for clean water, progress report on Federal incentive grants for municipal waste treatment, 1963. [1964.] 8 p. il. oblong 24° ([Publication 867, revised 1963]; Division of Water Supply and Pollution Control.) [Text on p. 2-4 of cover.] * Paper, 10c. ● Item 502-A
L.C. card 62-64679 FS 2.64/6: 963
- 5647 Cardiovascular disease, 1960 data on national and State mortality experience. [1964.] vii+63 p. 4° ([Publication 10831; Division of Chronic Diseases, Heart Disease Control Program.) * Paper, 40c.
● Item 485
L.C. card 64-60649 FS 2.2: C 17/2
- 5648 Comprehensive planning for water quality management-technical aspects [with bibliography]; by Leonard B. Dworsky, assistant to chief. [1963.] [1]+23 p. 4° (Division of Water Supply and Pollution Control.) [Presented at 36th annual meeting, Water Pollution Control Federation, as part of Panel on Water Quality Management, Seattle, Wash., Oct. 8, 1963.] † FS 2.30: D 97
- 5649 Consumption of selected food items in U.S. households, July 1962. [1963.] [1]+124-129 p. 4° (Census Bureau, Commerce Dept. and Division of Radiological Health, Health, Education, and Welfare Dept.) [From Radiological health data, v. 4, no. 3, Mar. 1963.] † FS 2.90/a: F 73
- 5650 Dental surgery during anticoagulant therapy. [1964.] [4] p. narrow 8° ([Publication 1107, Oct. 1963; Division of Chronic Diseases, Heart Disease Control Program.] * Paper, 5c. ● Item 485 FS 2.2: D 43/23
- 5651 Digest of State air pollution laws [with bibliographies]; by Samuel M. Rogers [and others]. 1963 edition. [1964.] xviii+196 p. il. 4° ([Publication 711, revised 1963.]; Division of Air Pollution.) * Paper, \$1.00. ● Item 483-E
L.C. card 60-60121 FS 2.93: 963
- 5652 Facing the challenge of environmental health. [Jan. 1964.] cover title, [24] p. il. 4° ([Publication 1037.] † ● Item 485 FS 2.2: En 8/5
- 5653 Health manpower source book: 17, Industry and occupation data from 1960 census, by State; by Richard A. Prindle, Maryland Y. Pennell. [1964.] iii+104 p. il. 4° ([Publication 263, sec. 17]; Division of Public Health Methods.) * Paper, 55c. ● Item 485
L.C. card 52-61801 FS 2.2: M 31/sec.17
- Health mobilization series. (Division of Health Mobilization.)
● Item 486-E
- 5654 F-7. Storage structures erected for prepositioned civil defense emergency hospitals. [Dec. 1963.] [2]+14 p. il. 4° ([Publication 1095-F-7.])
* Paper, 15c. FS 2.302: F-7

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 5655 Major health problems; by Helen L. Johnston. [1963.] p. 149-151, il. 4° [From Extension service review, v. 34, no. 8, Aug. 1963.] †
A 43.7/a: H 349
- 5656 Management of our air resources; by Vernon G. MacKenzie, chief, Division of Air Pollution, [address] presented at Growth Conference on Air, Land, and Water Resources, Riverside, Oct. 7, 1963. [1963.] [1]+13 p. 4° †
FS 2.30: M 19/3
- 5657 Mastitis screening procedures, recommendations by National Mastitis Council Inc. on regulatory use of mastitis screening procedures. [Nov. 1963.] [4] p. narrow 8° ([Division of Environmental Engineering and Food Protection.]) † ● Item 485
FS 2.2: M 39
- 5658 Medical groups in United States, 1959, results of questionnaire survey, including comparison with findings of 1946 study; [with list of references; prepared by Ruth M. Raup and Marion E. Altenderfer]. July 1963. xviii+172 p. il. ([Publication 1063]; Division of Public Health Methods.) * Paper, 70c. ● Item 485
L.C. card 64-60498
FS 2.2: M 46/6/959-2
- 5659 National water quality network, annual compilation of data, Oct. 1, 1961-Sept. 30, 1962, Federal, State and local cooperative report on water quality determinations of surface waters at selected locations throughout United States [with bibliography]. [1962 edition.] [1963.] xi+909 p. il. oblong 12° ([Publication 663]; Division of Water Supply and Pollution Control.) † ● Item 493-B
L.C. card 59-61513
FS 2.84/2: 962
- 5660 Nurses for leadership, professional nurse traineeship program, report of 1963 evaluation conference. [1964.] viii+53 p. il. 4° ([Publication 1098.]) * Paper, 40c. ● Item 485
L.C. card 64-60576
FS 2.2: N 93/48
- 5661 Organization and functions of National Center for Health Statistics. [Revised Jan. 1964.] [1964.] [2] p. il. oblong 8° folded into narrow 8° size. ([Publication 878.]) † ● Item 485
FS 2.2: N 21c/964
- 5662 Preliminary report of actions, Conference of Surgeon General, Public Health Service, and chief, Children's Bureau with State and Territorial health officers, Oct. 14-15, 1963. [1963.] [1]+7 p. 4° †
FS 2.2: C 76/4
- 5663 Public Health Service report on Operation Chlorine. [1963.] cover title, [3]+82 p. il. 4° † ● Item 485
L.C. card 64-60319
FS 2.2: C 45
- 5664 Smoking and health, report of Advisory Committee to Surgeon General of Public Health Service [with lists of references]. [1964.] xvii+387 p. il. 4° ([Publication 1103.]) * Paper, \$1.25. ● Item 485
L.C. card 64-60499
FS 2.2: Sm 7/2
- 5665 Validated international certificate of vaccination against smallpox is required of all persons entering or returning to United States [colored poster]. 1963. 13.9 x 17.4 in. (Division of Foreign Quarantine.) [Cardboard.] * 25c.
FS 2.26: V 13
- Vital and health statistics: Series 10, Data from National Health Survey. (National Center for Health Statistics.) ● Item 500-E
- 5666 6. Impairments due to injury by class and type of accident, United States, July 1959-June 1961, statistics on average prevalence of impairments due to injury, by age, type of impairment, and class and type of accident causing injury, based on data collected in household interviews, July 1959-June 1961; [prepared by Geraldine A. Gleeson]. Jan. 1964. [41]+35 p. il. 4° ([Publication 1090, series 10, no. 1.]) [Prepared in cooperation with Census Bureau.] * Paper, 25c.
FS 2.85/2: 10/no.6

*For Sale by Superintendent of Documents
 †For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- Vital statistics of United States, 1960. ([National Center for Health Statistics, National Vital Statistics Division.])
- 5667 v.1. Natality. [1962.] [298] p. il. 4° * Cloth, \$3.00. FS 2.112:960/v.1
L.C. card 40-26272
- Vital statistics of United States, 1961. ([National Center for Health Statistics, National Vital Statistics Division.])
- 5668 v. 1. Natality. 1963. [252] p. il. 4° * Cloth, \$2.75 ● Item 510
L.C. card 40-26272 FS 2.112:961/v.1

PUBLIC ROADS BUREAU, Commerce Dept.

- 5669 Calibrating and testing gravity model with small computer [with selected bibliography]. Oct. 1963 [published 1964.] [1]+vii+[304] p. il. 4° (Office of Planning.) * Paper, \$2.50. ● Item 265-A
L.C. card 64-60589 C 37.6/2:G 78/2
- Highway planning technical report. (Office of Planning.) ● Item 265-D
- 5670 1. Creating, organizing and reporting highway needs studies; [by C. F. McCormack]. Sept. 1963. [2]+20 p. il. 4° * Paper, 15c. ● Item 265-D
C 37.27:1

QUARTERMASTER GENERAL OF ARMY, Defense Dept.

- Textile series report.
- 5671 124. Quarpel application and test methods for cotton thread [with list of literature cited; by] Paulline P. Hall, Edward B. Frederick, Howard D. Corkum. Jan. 1963. vi+41 p. il. 4° (Quartermaster Research & Engineering Center, Natick, Mass., Clothing & Organic Materials Division; project reference 7-93-18-020.) † Paper, \$1.25 (AD 296149). D 106.9/2:124

RECLAMATION BUREAU, Interior Dept.

- 5672 Earth manual, guide to use of soils as foundations and as construction materials for hydraulic structures. 1st edition, revised reprint 1963. [1963.] xxviii+1-474], 475-783 p. il. 4 tab. 12° * Fabrikoid, \$3.75.
● Item 662-B
L.C. card 64-60460 I 27.19/2: Ea 7/963
- 5673 Publications available for sale. Jan. 1964. cover title, [2]+16 p. [Semi-annual.] † Reclamation Bureau, Denver Federal Center, Denver, Colo.
I 27.10/2:964/1

RENEGOTIATION BOARD

- 5674 Renegotiation Board, 8th annual report, 1963. [1963.] cover title, iii+14 p. * Paper, 15c. ● Item 308
L.C. card 57-60197 RnB 1.1:963

RURAL ELECTRIFICATION ADMINISTRATION, Agriculture Dept.

- 5675 1962 annual statistical report, rural electrification borrowers [lending program of Rural Electrification Administration, loan, operating and financial statistics of REA electric borrowers, year ending Dec. 31, 1962]. [Oct. 1963.] cover title, xxx+230 p. il. 4° (REA bulletin 1-1.) [Text on p. 2 of cover.] † ● Item 115
L.C. card 49-38508 A 68.1/2:962
- Bulletin.
- 5676 1-1. See, above, 1962 annual statistical report, rural electrification borrowers.

SHIP STRUCTURE COMMITTEE

- SSC (series).
- 5677 158. Low-stress brittle fracture in mild steel [with list of references]; by R. Dechaene, W. Soete, and A. Vinckier. [Aug. 30, 1963.] cover title, 131+18 p. il. 4° † Paper, 75c. (PB 181547). Y 3.Sh 6:SSC-158

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

SMALL BUSINESS ADMINISTRATION

- Small business bibliographies. † ● Item 901-K SBA 1.3: (nos.)
- 5678 4. New product development and sale; revised by G. A. Simon and F. V. Fortmiller. Nov. 1963 revision. [1964.] 12 p. 4° [Originally issued as Small business bulletin 4.]
L.C. card 64-60407
- 5679 19. Bakery products, by Dwight L. Gentry; revised by Elizabeth Janezeck. [Revised edition.] Jan. 1964. 8 p. 4° [Originally published as Small business bulletin 19.]
L.C. card 64-60530
- 5680 42. Bookstore operation; revised by Ruth E. Valentine. [Revised] Dec. 1963. [1964.] 8 p. 4° [Originally issued as Small business bulletin 42.]
L.C. card 64-60536
- 5681 55. Wholesaling; by Theodore N. Beckman. Oct. 1963, reprint [1964.] 20 p. 4° [Originally issued as Small business bulletin 55.]
L.C. card 62-60277
- 5682 70. Automatic merchandising; by Thomas R. Wotruba. Jan. 1964. 7 p. 4°
L.C. card 64-60559
- Small business management series. (Office of Information Services.)
● Item 901-C SBA 1.12: (nos.)
- 5683 8. Making your sales figures talk [with list of selected articles and books]; by Charles W. Smith. 3d edition, [Nov.] 1963. [1964.] viii+36 p. il. ([Office of Management Development, Management Publications Division.]) * Paper, 25c.
L.C. card 59-62024
- 5684 30. Insurance and risk management for small business [with list of publications for further information]; by Mark R. Greene. 1963. v+74 p. ([Office of Management Development, Management Publications Division.]) * Paper, 30c.
L.C. card 64-60343

SMITHSONIAN INSTITUTION

- 5685 Smithsonian Institution, report of secretary and Financial report of executive committee of Board of regents, year ended June 30, 1963. [1964.] xii+275 p. il. 15 pl. ([Publication 4525.]) [Includes reports of subordinate bureaus.] † ● Item 909
L.C. card CA 18-3 SI 1.1/a: 963

SOCIAL SECURITY ADMINISTRATION, Health, Education, and Welfare Dept.

- 5686 Maintaining work flow. Jan. 1964. cover title, 28 p. il. 4° (Division of Management, Office of Employee Development.) * Paper, 25c. ● Item 516-C FS 3.6/3: W 89
- OASI (series). ● Item 518-A FS 3.35: (nos.)
- 5687 93. Your social security earnings record. [Dec. 1963.] 23 p. il. oblong 48° * Paper, \$5.00 per 100; single copy, 10c.
L.C. card HEW 60-121
- 5688 864. Social security information for self-employed farmers. Jan. 1964. 9 p. narrow 8° * Paper, \$3.00 per 100; single copy, 5c.
- 5689 Planning and organizing work. Jan. 1964. cover title, 23 p. il. 4° (Division of Management, Office of Employee Development.) * Paper, 20c.
● Item 516-C FS 3.6/3: W 89/2
- Research and statistics note 1963 (series). (Division of Research and Statistics.) † FS 3.28/2: 963/(nos.)
- 5690 16. Income-loss protection against short-term sickness, 1948-62; [prepared by Alfred M. Skolnik]. Dec. 5, [1963]. 2+[1] p. 4°
- 5691 17. Restoration of temporary unemployment compensation act amounts. Dec. 10, 1963. 2 p. 4°

SOIL CONSERVATION SERVICE, Agriculture Dept.

- 5692 Conservation highlights, 1963, digest of annual report of Soil Conservation Service. Jan. 1964. [6] p. narrow 8° † ● Item 119-B
A 57.1/2: 963

*For Sale by Superintendent of Documents
 †For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- Soil survey series 1960. ● Item 102 (Rev. 1957) A 57.38; (nos.)
- 5693 6. Woodward County, Okla.; [by Earl C. Nance and others]. Nov. 1963. cover title, 1+69 p. il. 113 p. of pl. and maps, 4° [Prepared in cooperation with Oklahoma Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$5.25.
L.C. card Agr 64-103
- 5694 8. Morton County, Kans. [with list of literature cited; by Harold P. Dickey, W. R. Swafford, Q. L. Markley]. Dec. 1963. cover title, 1+51 p. il. 30 p. of pl. and maps, 4° [Prepared in cooperation with Forest Service and Kansas Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$1.75.
L.C. card Agr 64-102
- 5695 10. Panola County, Miss. [with list of literature cited; by H. S. Galberry]. Dec. 1963. cover title, 1+63 p. il. 127 p. of pl. and maps, 4° [Prepared in cooperation with Mississippi Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$5.75.
L.C. card Agr 64-100
- 5696 11. Cotton County, Okla. [with list of literature cited; by William J. Ringwald and Otho W. Lamar]. Dec. 1963. cover title, 1+70 p. il. 67 p. of pl. and maps, 4° [Prepared in cooperation with Oklahoma Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$3.25.
L.C. card Agr 64-101

STATE DEPARTMENT

- 5697 Digest of international law, v. 2; prepared by Marjorie M. Whiteman. [Dec. 1963.] v+1330 p. ([Publication 7553.]) * Cloth, \$5.25. ● Item 864-A
L.C. card 63-62002 S 7.12/2:2
- Series S. †
- 5698 15. Toward new dimension in Atlantic partnership; [by] Dean Rusk, Secretary of State. [1963.] [2]+8 p. ([Office of Media Services, Bureau of Public Affairs.]) [Address, Oct. 27, 1963, Frankfurt, Federal Republic of Germany, on occasion of dedication of memorial to George C. Marshall.] S 1.106/2: 963/15
- Treaties and other international acts series. * Paper, \$10.00 a yr. (approximately 150 issues), \$6.00 additional for foreign mailing; single copies vary in price. ● Item 899 S 9.10: (nos.)
- 5699 5466. Maritime matters, use of Belgian ports and waters by N. S. Savannah, agreement between United States and Belgium, signed Brussels Apr. 19, 1963; [entered into force Nov. 27, 1963]. [1964.] [2]+10 p. [English and French.] * Paper, 10c.
L.C. card 64-60505
- 5700 5469. Consular convention, between United States and Republic of Korea, signed Seoul Jan. 8, 1963; [entered into force Dec. 19, 1963]. [1964.] [2]+30 p. [English and Korean.] * Paper, 15c.
L.C. card 64-60618
- 5701 5470. Investment guaranties, agreement between United States and Sierra Leone, relating to agreement of May 16 and 19, 1961, effected by exchange of notes signed Freetown Dec. 28, 1962, and Nov. 13, 1963; [entered into force Nov. 13, 1963]. [1964.] [2]+2 p. * Paper, 5c.
L.C. card 64-60619
- 5702 5471. Agricultural commodities, agreement between United States and Brazil, signed Rio de Janeiro, Sept. 11, 1963; [entered into force Sept. 11, 1963]. with agreed minutes and exchanges of notes. [1964.] [2]+21 p. [English and Portuguese.] * Paper, 15c.
L.C. card 64-60622
- 5703 5472. Whaling, amendments to Schedule to International Whaling Convention signed Washington, Dec. 2, 1946, adopted at 15th meeting of International Whaling Commission, London, July 5, 1963; [entered into force Oct. 9, 1963]. [1964.] [2]+2 p. * Paper, 5c.
L.C. card 60-61171
- 5704 5473. Tracking Stations, agreement between United States and Malagasy Republic, effective by exchange of notes signed Tananarive Oct. 7, 1963; [entered into force Oct. 7, 1963]. [1964.] [2]+9 p. [English and French.] * Paper, 10c.
L.C. card 64-60620
- 5705 5475. Agricultural commodities, sales under title 4, agreement between United States and Iraq, amending agreement of Aug. 27, 1963, effected by exchange of notes signed Baghdad Dec. 5, 1963; [entered into force Dec. 5, 1963]. [1964.] [2]+3 p. [English and Arabic.] * Paper, 5c.
L.C. card 64-60621

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 5706 5480. Aviation, air traffic control, agreement between United States and Canada, effected by exchange of notes signed Ottawa Dec. 20 and 27, 1963; [entered into force Dec. 27, 1963]. [1964.] [2]+2 p. * Paper, 5c.
L.C. card 64-60623
- 5707 5487. Agricultural commodities, agreement between United States and Guinea, amending agreement of May 22, 1963, effected by exchange of notes signed Conakry Nov. 2, 1963; [entered into force Nov. 2, 1963]. [1964.] [2]+3 p. [English and French.] * Paper, 5c.
L.C. card 64-60624
- 5708 5488. Agricultural commodities, barter and exchange of commodities under title 3, agreement between United States and India, amending agreement of June 27, 1963, effected by exchange of notes dated Washington Dec. 9 and 20, 1963; [entered into force Dec. 20, 1963]. [1964.] [2]+2 p. * Paper, 5c.
L.C. card 64-60642
- 5709 5490. Agricultural commodities, agreement between United States and Israel, amending agreement of Dec. 6, 1962, effected by exchange of notes signed Washington Dec. 24 and 30, 1963; [entered into force Dec. 30, 1963]. [1964.] [2]+2 p. * Paper, 5c.
L.C. card 64-60625
- 5710 Treaties in force, list of treaties and other international agreements of United States in force on Jan. 1, 1964; compiled by Treaty Affairs Staff, Office of Legal Adviser, Department of State. [1964.] ix+310 p. 4 ([Publication 7645.]) * Paper, \$1.75. ● Item 900-A
L.C. card 56-61604 S 9.14: 964
- 5711 United States treaties and other international agreements: v. 13, pt. 3, 1962. [1963.] vii+2559-3936+xxxvii-xxxix p. large 8° [Includes treaties and other international act series 5221-5269. Text in English and other languages.] * Cloth, \$8.50. ● Item 899-A
L.C. card 53-60242 S 9.12: 13/pt.3

STATISTICAL REPORTING SERVICE, Agriculture Dept.

- 5712 Milk production. Feb. 11, 1964. 18 p. 4° (Da 1-1 (2-64); Crop Reporting Board.) [Special in this issue milk cows and milk production by months, 1962-63.] † A 92.10: 964/2
- 5713 Onion stocks, Jan. 1, 1964. Jan. 15, 1964. 2 p. 4° (VG-4 (1-64); Crop Reporting Board.) † A 92.11/12: 964

SUBVERSIVE ACTIVITIES CONTROL BOARD

- 5714 13th annual report, Subversive Activities Control Board, fiscal year 1963. 1963. iv+12 p. * Paper, 15c. ● Item 1079-A
L.C. card 52-60170 Y 3.Su 1: 1/963

SUPPLIES AND ACCOUNTS BUREAU (Navy), Defense Dept.

- 5715 Evaluation of pork, loin, frozen, string-tied pork loin, frozen, stringless-in-casing and pork chops, frozen, boned; by H. R. Ignall. Dec. 1962. x+25 p. il. 4° (Naval Supply Research and Development Facility, Bayonne, N.J.; SUP task NT FO15-13-002-69(52), system 2202-06952-2; SUP task NT FO15-13-002-69(53), system 2202-06953-2.) † Paper, \$1.00 (AD 418389). D 212.2: P 82

SUPREME COURT

- 5716 United States reports: v. 374, Cases adjudged in Supreme Court, Oct. term, 1962, June 10-17, 1963 (end of term); Walter Wyatt, reporter of decisions. 1963. L+509+[1]+801-910 p. [Also issued in 4 preliminary prints; each case also issued separately. Pages 510-801 purposely omitted and do not indicate omission in text.] * Cloth, \$4.75. ● Item 741
L.C. card 1-26074 Ju 6.8: 374

*For Sale by Superintendent of Documents
 †For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

SYSTEMS RESEARCH AND DEVELOPMENT SERVICE,
Federal Aviation Agency

- 5717 Design for national airspace utilization system [with bibliography]. 1st edition. June 30, 1962 [published 1963]. xi+450 p. il. * Paper, \$2.50.
● Item 431-B-2 FAA 2.2: Ai 7/5

TARIFF COMMISSION

- 5718 Investigations under escape clause of trade agreements, outcome of escape-clause investigations instituted by Tariff Commission under Executive orders and under Trade agreements extension act of 1951, as amended (through Oct. 11, 1962). 15th edition. Dec. 1963. cover title, [1]+104 p. (Publication 116; [(TC28418)].) †
L.C. card 57-61106 TC 1.2: Es 1/2/963
- 5719 Safety pins, report to the President (no. TEA-IR-2-63) under sec. 351 (d) (1) of Trade expansion act of 1962. Dec. 1963. cover title, 4+[2] leaves 4° (TC publication 118.) †
L.C. card 57-61924 TC 1.2: P 65/2/963

TENNESSEE VALLEY AUTHORITY

- 5720 Fish and wildlife, valuable natural resources, TVA. [Norris, Tenn., 1963-64.] cover title, 12 p. il. 4° (Fish and Wildlife Branch.) [Text on p. 2 of cover, map on p. 3 of cover.] † Y 3.T 25: 2 F 52/2
- 5721 Furniture industry expansion in Tennessee Valley. [Norris, Tenn., 1963.] cover title, 17 p. il. 4° ([Division of Forestry Development; F64FR4.]) [Some illustrations are colored. Page 17, last page of text, is on inside back cover.] † Y 3.T 25: 27/F 98

TRANSPORTATION CORPS (Army), Defense Dept.

TRECOM technical reports. (Army Transportation Research Command, Fort Eustis, Va.) D 117.8/2: (nos.)

- 5722 63-30. Emergency repair kit for large diameter tubeless tires and rolling liquid transporters; prepared by United States Rubber Tire Company, Indianapolis, Ind.; [edited by A. S. Tavenor]. Aug. 1963. [2]+vi+46 p. il. 4° (Task 1D543006D40401 (formerly task 9R47-16-010-01), contract DA 44-177-TC-746.) † Paper, \$1.50 (AD 421908).
- 5723 63-44. Helicopter vibration indicator [with bibliography]; prepared by Frank S. Kawalkiewicz [and others]. Oct. 1963. vii+101+[4] p. il. 4° (Final report, task 9R38-01-017-41.) † (Price upon application).
- 5724 63-48. Portable aircraft condition evaluator recorder, (Project PACER), final report; prepared by York Division of Bendix Corporation, York, Pa. Dec. 1963. [1]+vii+74+[4] p. il. 4° (Task 1D141812D18416, (formerly task 9R89-02-015-16), contract DA 44-177-TC-750.) † (Price upon application).
- 5725 63-73. Research on volume recombination of cesium ions, final report [with bibliography]; prepared by J. M. Hammer, J. J. Thomas, B. B. Aubrey], Radio Corporation of America, Princeton, N.J. Nov. 1963. [1]+vi+25+[3] p. il. 4° (Task 1D010501A01408, contract DA 44-177-TC-694(T).) † (Price upon application).
- 5726 63-76. Transporter, liquid, rolling-wheel-type, 600-gallon, T-4 (RLT), final report; prepared by Briscoe B. Brown, jr., and George B. Penna. Oct. 1963. vii+83+[4] p. il. 4° (Task 1D543006D40401 (formerly task 9R47-16-010-01).) [For official use only. Errata, 1 p., issued also.] †

TREASURY DEPARTMENT

Department circulars. † T 1.4/2: (nos.)

- 5727 92. Special deposits of public moneys under act of Congress approved Sept. 24, 1917, as amended (2d Liberty bond act, as amended), (revised), 8th amendment. Jan. 10, 1964. 1 p. 4° (Fiscal Service, Bureau of Accounts.)
- 5728 176. Regulations governing deposit of public moneys and payment of Government checks, revised Dec. 1945, 12th amendment. Jan. 10, 1964. 1 p. 4° (Fiscal Service, Bureau of Accounts.)

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 5729 930, rev. Procedures memorandum 2, Memorandum governing certain foreign currency reservations and conversions. Jan. 16, 1964. 4 p. 4° (Fiscal Service, Bureau of Accounts.)
- Department circulars, public debt series. † ● Item 924 T 1.4/3: (nos.)
- 5730 1-64. United States of America 4 percent Treasury bonds of 1970, dated June 20, 1963, with interest from Jan. 22, 1964, due Aug. 15, 1970, interest payable Feb. 15 and Aug. 15. Jan. 9, 1964. 4 p. 4°
- 5731 2-64. United States of America 4½ percent Treasury bonds of 1975-85, dated Apr. 5, 1960, with interest from Jan. 22, 1964, due May 15, 1985, redeemable at option of United States at par and accrued interest on and after May 15, 1975, interest payable May 15, and Nov. 15. Jan. 9, 1964. 5 p. 4°
- 5732 Timing of tax cut, remarks of Henry H. Fowler, Under Secretary of Treasury, before Machinery and Allied Products Institute, Washington, D.C., Jan. 14, 1964. [1964.] 16 p. 4° (D-1098.) † T 1.31: F 82/24

UNITED STATES INFORMATION AGENCY

- 5733 English teaching forum, facts and ideas for teacher of English as foreign language [with list of references], v. 1, no. 1; Mar. 1963. [1963.] 22 p. il. 4° (Information Center Service.) * Paper, 20c. ● Item 672-D
IA 1.17: 1/1
- 5734 — v. 1, no. 3; fall 1963. [1963.] 24 p. il. 4° (Information Center Service.) * Paper, 20c. ● Item 672-D
IA 1.17: 1/3
- 5735 English teaching study unit: Ralph Bunche, world servant, prepared by Phillip I. Herzbrun, B. Kirk Rankin, 3d, Richard B. Thomas; exercises, playlets, and teaching suggestions, by Elva Elizabeth Sadler. 1963. 56 p. il. 4° (English Teaching Division, Information Center Service.) [Text on p. 2-4 of cover.] † ● Item 672-D
IA 1.17/3: B 88
- 5736 Facts about USIA, audience, the world. [1964.] cover title, 12 p. il. † ● Item 672-B
IA 1.2: In 3/2/964
- 5737 Oral English, planning and conducting conversation classes and discussion groups [with bibliography]. 1961. 58 p. 4° (Information Center Service.) * Paper, 40c. ● Item 672-D
L.C. card 64-60652
IA 1.6/2: En 3
- 5738 Voice of America doubles its power, new Greenville complex. [1964.] 15 p. il. † ● Item 672-B
IA 1.2: V 87/4/964

UNITED STATES TRAVEL SERVICE, Commerce Dept.

- 5739 Summary of remarks by Voit Gilmore, director, United States Travel Service, to Greensboro Junior Chamber of Commerce Annual Bosses and Awards Night, Greensboro, N.C., Jan. 22, 1964. [1964.] [2] p. 4° †
C 47.9: G 42/6
- 5740 Summary of remarks by Voit Gilmore, director, United States Travel Service, to National Tour Brokers Association Convention, Atlantic City, N.J., Jan. 27, 1964. [1964.] 1 p. 4° †
C 47.9: G 42/7

VETERANS ADMINISTRATION

- 5741 Annual report, administrator of veterans affairs [fiscal year] 1963. 1963. iii+366 p. il. [Also issued as H. doc. 253, 88th Cong., 2d sess.] * Paper, \$1.25. ● Item 983
L.C. card 31-28720
VA 1.1: 963
- Information bulletin IB (series). † ● Item 986-A
VA 1.22: (nos.)
- 5742 01-2. Board of Veterans Appeals, information bulletin. Dec. 16, 1963. 5 p. 4°
- 5743 08F-23. Safety and fire protection bulletin, Dec. 1963, v. 6, issue 4. [1963.] ii+6 p. il. 4° (Safety and Fire Protection Division, Office of Assistant Administrator for Construction.)

*For Sale by Superintendent of Documents

♣For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- VA pamphlets. † ● Item 988 VA 1.19: (nos.)
- 5744 10-60. Careers in medical technology. Revised [edition]. Jan. 1964. [10] p.
il. 4° (Department of Medicine and Surgery.)
- 5745 26-4. Questions & answers on guaranteed and direct loans for veterans. Jan.
1964. 24 p. il.
- 5746 VA serving those who served, benefits in brief, 1963. [1964.] cover title,
25 p. il. oblong 24° [Page 25, last page of text, appears on p. 3 of cover.]
† ● Item 989-D
L.C. card 59-64178 VA 1.44: 963

VOCATIONAL REHABILITATION ADMINISTRATION, Health,
Education, and Welfare Dept.

- 5747 Deaf people and their difficulties. [1964.] [16] p. il. 4° [Selected articles from back issues of Rehabilitation record.] † FS 13.216/a: D 34/2
- 5748 Helping the mentally ill: Rehabilitation program in State hospital; Doorway to life, a halfway house; Mental patient who wants to fail; Workshop for chronic mental patients; Hospitalizing the mentally ill [articles]. [1964.] [20] p. il. 4° [From Rehabilitation record, July-Aug. 1961 to Mar.-Apr. 1963.] † FS 13.216/a: M 528/2
- 5749 VRA official reflects on thalidomide babies and describes wheelchair that really climbs as he comments on rehabilitation practices in Germany; [by] Henry Redkey. [1963.] [3] p. il. 4° [From Rehabilitation record, July-Aug. 1963.] † FS 13.216/a: G 317

WAGE AND HOUR AND PUBLIC CONTRACTS DIVISIONS,
Labor Dept.

- Regulations, title 29 of Code of Federal regulations. † ● Item 780
- 5750 pt. 516, subpt. A. Records to be kept by employers (subpart A, General requirements), under Fair labor standards act of 1938, as amended. [1964.] iii+4 p. 4° [Text of Code, up to and including Jan. 1, 1963, and any Federal register amendments issued thereafter, up to and including Nov. 30, 1963.] L 22.9: 516/7/subpt.A
- 5751 pt. 516, subpt. B. Same: (subpart B, Miscellaneous exemptions and other special requirements), under Fair labor standards act of 1938, as amended. [1964.] iii+8 p. 4° [Text of Code up to and including Jan. 1, 1963, and any Federal register amendments issued thereafter, up to and including Nov. 30, 1963.] L 22.9: 516/7/subpt.B
- 5752 Restaurants and other food service enterprises, data pertinent to evaluation of need for and feasibility of extending minimum wage. Jan. 1964. xv+93+E-71 p. il. 4° † ● Item 777
L.C. card L 64-25 L 22.2: R 31/2/964

WEATHER BUREAU, Commerce Dept.

- Climatic summary of Alaska, supplement for 1922-52, Climatology of United States no. 11-(nos.). [Supplement to Climatic summary of United States, Bulletin W, 1930 edition.] ● 273-B
- 5753 43. Alaska. [1964.] 40 p. il. oblong 8° [Known errors in last print have been corrected in this reprint.] † C 30.3/2: 43
- 5754 Climatological data for Antarctic stations, Jan.-Dec. 1961, no. 4; [compiled at National Weather Records Center, Asheville, N.C., in cooperation with Polar Operations Project and Offices of Climatology and Meteorological Research]. 1964. vi+144 p. il. 4° [Text on p. 2 of cover. Prepared in cooperation with National Science Foundation.] * Paper, 70c. ● Item 273-D
L.C. card 63-60978 C 30.21/3: 4
- 5755 Coastal warning facilities chart: Canadian border to Eureka, Calif. and Alaska, 1963. Scale 50m.=1.7 in. [1963.] 18 x 11 in. [Broadcast schedules of marine forecasts and warnings on reverse.] * Paper, 10c. Insert: Alaska coastal marine weather forecast areas. C 30.22/3: C 16/963

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

MARCH 1964

- 5756 — Eastern Florida, 1964. Scale 50m.=1.5 in. [1963.] 18 x 11 in.
[Broadcast schedule of marine forecasts and warning on reverse.]
* Paper, 10c. C 30.22/3: F 66/964
- 5757 — Hawaiian Islands, 1963. Scale 50m.=2.6 in. [1963.] 11 x 18 in.
[Broadcast schedule of marine forecasts and warning on reverse.]
* Paper, 10c. C 30.22/3: H 31/963
- 5758 International Geophysical Year world weather maps: pt. 1, Northern Hemisphere, sea level and 500 millibar charts. [1963.] [Monthly, July 1957-Dec. 1958. Considered continuation of Daily synoptic series, historical weather maps. Prepared in cooperation with National meteorological service of countries participating in International Geophysical Year.] * Paper, \$2.75.
L.C. card Map 64-72 C 30.22/5: 957/3/pt.1
Sept. 1957. cover title, [64] p. il. oblong f°
- 5759 Manual of barometry (WBAN) v. 1. 1st edition. 1963. xxxi+[981] p. il. 4° [Prepared in cooperation with Air Weather Service, Air Force Dept. and Naval Weather Service, Navy Dept. Errata, 1 p., issued also.] * Paper, \$5.50. ● Item 275-E
L.C. card 64-60364 C 30.6/2: B 26/v.1
- 5760 Research progress and plans of Weather Bureau, fiscal year 1963 [with lists of references]. Dec. 1963 [published 1964]. vi+113 p. il. 4°
* Paper, 65c. ● Item 279-B
L.C. card 61-60326 C 30.75: 963

WELFARE ADMINISTRATION, Health, Education, and Welfare Dept.

- 5761 Highlights of legislation on aging: Detailed descriptions of general bills on aging introduced Jan.-Oct. 1963, and bills affecting older persons introduced Sept.-Oct. 1963, 88th Congress, 1st session. Nov. 1963. 7 p. 4° (Office of Aging; OA 511.) †
L.C. card HEW 63-48 FS 14.9/2: 963/6
- 5762 President's Committee on Juvenile Delinquency and Youth Crime and its implications for education, by Jack Otis, program analyst, Welfare Administration, Office of Juvenile Delinquency and Youth Development, Department of Health, Education, and Welfare, Washington, D.C., speech delivered at Tri-Chapter annual banquet meeting of Phi Delta Kappa, Annapolis, Md., Nov. 5, 1963. [1963.] 13 leaves, 4° †
FS 14.11: Ot 4

WOMEN'S BUREAU, Labor Dept.

Bulletin.

- 5763 157-21 (rev.). Legal status of women in United States: Report for Michigan as of Dec. 1, 1963; [prepared by Josephine M. Urani]. [1964.] iii+28 p. * Paper, 15c. ● Item 781
L.C. card L 63-62 L 13.3: 157-21/4
- 5764 Family and property law: Capsule summary, Iowa. Jan. 1, 1964. 4 p. il. 4° ([WB 64-167.]) †
L 13.17: Io 9/964
- International report IR series. ● Item 783-C L 13.23: (nos.)
- 5765 1. Women in high-level elective and appointive positions in national governments. Feb. 1963. v+18 p. 4° (Women in world today; [International Labor Affairs].) [Includes, on p. 2 of cover, list of publications in International report series.] * Paper, 20c.
L.C. card L 64-30
- 5766 2. Political rights of women in member nations of United Nations. Aug. 1963. v+19 p. 4° (Women in world today; [International Labor Affairs].) [From United Nations report A/5456.] * Paper, 25c.
L.C. card L 64-30
- 5767 3. Policies of national governments on employing women. Apr. 1963. v+20 p. 4° (Women in world today; [International Labor Affairs].) * Paper, 25c.
L.C. card L 64-30

*For Sale by Superintendent of Documents
 †For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

International report IR series—Continued

- 5768 4. Equal pay in member nations of International Labor Organization. May 1963. ii+9 p. 4° (Women in world today; [International Labor Affairs].)
* Paper, 15c.
L.C. card L 64-30
- Leaflet.
- 5769 10. Publications of Women's Bureau currently available. Revised Dec. 1963. [1963.] 8 p. narrow 8° † ● Item 783 L 13.11: 10/14
- 5770 Why continuing education programs for women? [with selected reading on continuing education for women]. [Dec. 1963.] 8 leaves, 4° ([WB 64-154.]) † L 13.2: Ed 8/2
- 5771 Women workers in Texas, 1960. [1963.] 14 leaves, 4° ([WB-64-153.]) † L 13.22: T 31/960
L.C. card L 64-17

YARDS AND DOCKS BUREAU (Navy), Defense Dept.

- 5772 Building maintenance, structures. Sept. 1963. vii+157+9 p. il. 4° (NAVDOCKS MO-111.) [Cancels and supersedes pt. B, sec. 5; pt. C, sec. 10 and 23; and pt. D, sec. 1, 4, and 5, of NAVDOCKS TP-PW-30, Maintenance and operations of public works and public utilities, Dec. 1953.] † ● Item 418-A D 209.14: St 8
L.C. card 64-60617
- 5773 Engineered performance standards, public works maintenance: Electrical, electronic handbook. Feb. 1963. [4]+218 p. il. 4° (NAVDOCKS P-703.0.) [Supersedes Electrical and electronic handbook, NAVDOCKS P-703, Mar. 1961.] † Paper, \$3.50 (PB 181120 rev.). D 209.14: E1 2/963
L.C. card 63-62484
- 5774 — Engineer's manual [with bibliographies]. Sept. 1963. [206] p. il. 4° (NAVDOCKS P-700.0.) [Supersedes Engineer's manual NAVDOCKS P-700, May 1958, and Changes 1-3, Oct. 1960-Feb. 1961.] † ● Item 418-A D 209.14: En 3
- 5775 — Paint formulas. Aug. 1963. xi+129 p. 4° (NAVDOCKS P-710-1.) [Supersedes edition of Oct. 1958, and Changes 1 and 2, Dec. 1958 and June 1961.] † ● Item 418-A D 209.14: P 16/3
L.C. card 64-60675
- 5776 — Paint handbook. Aug. 1963. xii+191 p. 4° (NAVDOCKS P-710.0.) [Supersedes edition of Feb. 1961.] † ● Item 418-A D 209.14: P 16/963
L.C. card 64-60676
- 5777 Index of Bureau of Yards and Docks publications. Jan. 1964. cover title, iii+27 p. 4° (NAVDOCKS P-349.) [Cancels and supersedes prior issues.] † Naval Supply Center, Norfolk, Va.; Naval Supply Center, Oakland, Calif. ● Item 418-B D 209.15: 964
L.C. card 64-60153
- 5778 Utilities conservation program survey manual. Oct. 1963. 2v. (NAVDOCKS P-75.) † ● Item 418-A D 209.14: Ut 3/v.1,2
L.C. card 64-60583
- v. 1. Introduction and instruction [with list of pertinent publications]. [1]+vii+[144] p. il. 4° [Issued with marginal index tabs on blank cardboard showing chapter numbers and titles.]
- v. 2. Development and use of targets. vi+[93] p. il. 4°

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

Index

MONTHLY CATALOG, MARCH 1964

NOTE.—Entries appear in this Index under subjects or titles. Bulletins, circulars, etc., having no specific subjects are entered under the issuing office only. Index citations are to entry numbers in the catalog.

A	Entry	Entry
A.C.I.C., <i>see</i> Aeronautical Chart and Information Center.		Addresses, lectures, etc. : by—
A.E.C., <i>see</i> Atomic Energy Commission.		Boyd, Alan S.-----
A.F.C.R.L., <i>see</i> Air Force Cambridge Research Laboratories.		Coffin, Frank M.-----
A.F.F.T.C., <i>see</i> Air Force Flight Test Center.		Crafts, Edward C.-----
A.M.C., <i>see</i> Army Materiel Command.		Dworsky, Leonard B.-----
A.M.S., <i>see</i> Agricultural Marketing Service.		Dzhurov, Dobri-----
A.R.S. series-----	4188-91	Fowler, Henry H.-----
A.S.D., <i>see</i> Aeronautical Systems Division.		Gilmore, Volt-----
AAL, <i>see</i> Arctic Aeromedical Laboratory.		Greenberg, Leon-----
Abbreviations, contractions used by FAA, air traffic control, etc., handbook-----	4267	Gronouski, John A.-----
Abell, Tyler, nomination, hearing-----	4592	Harliee, John-----
Academy of Medical Sciences, USSR, 18th general assembly-----	5354	Hodges, Luther H.-----
Academy of Science, Bulgaria, Geological Institute, services, etc.-----	5158	Kleeb, Howard W.-----
Academy of Sciences, Kazakh SSR, activities, selected articles-----	5198	Lamale, Helen H.-----
Academy of Sciences, Poland, new members, 1962-----	5047	Linsenmayer, L. R.-----
Academy of Sciences, USSR : herald, articles-----	4898	MacKenzie, Vernon G.-----
technical cybernetics, news-----	4962	McMurray, Joseph P.-----
Accidents, Federal employees, work injury facts, 1962-----	4655	Martin, William M.-----
<i>see also</i> Mine accidents—Motor vehicle accidents.		Members of Congress, tributes to late President John F. Kennedy, print as Senate document, reports-----
Accountants, career opportunities, revenue agent, Internal Revenue Service-----	4840	Mitchell, George W.-----
Accounts and accounting, Federal agencies, improvement of financial management, progress 1948-63-----	4752	Morgan, Roy L.-----
Achter, M. R., vacuum effect on creep-rupture properties of aluminum-----	5600	Morton, James G.-----
ACIC, <i>see</i> Aeronautical Chart and Information Center.		Otis, Jack-----
Acoustics, <i>see</i> Sound.		Roosevelt, Franklin D., jr.-----
Acta geographica Sinica (Chinese periodical) : translations-----	5021	Rusk, Dean-----
Actions at law, <i>see</i> Civil procedure.		Seaborg, Glenn T.-----
Acts of Congress, <i>see</i> Law.		Taylor, Hobart, jr.-----
Acuity : auditory, primary abilities in pitch and loudness-----	5462	Wirtz, W. Willard-----
visual, color discrimination, effect of spectral bandwidth-----	5468	FMC SP series-----
Addison, Ill., population, special census-----	4350	inaugural address of President John F. Kennedy, print as House document in form suitable for framing, report-----
Additives, polar-nonpolar, effect on oil-spreading on solids, applicable to nonspreading oils-----	5603	National Institute of Dental Health, 15th anniversary observance-----
		Aden, labor conditions-----
		Administrative management : academic administration in liberal arts college case studies-----
		International Development Agency, personnel administration and operations, hearings-----
		personnel administration and management in AID, report-----
		print as Senate document, report-----
		small business management series-----
		Administrative procedures, Government offices, investigation, authorization, report-----
		Adrenal glands, cell proliferation in control and cold exposed rats-----
		Advertising : broadcasts, prohibit F.C.C. from making rules rel. to length, etc., report-----
		deceptive pricing, guides against-----

INDEX

Entry	Entry
Advisory Commission on Information : report, 1963—	
departmental edition-----	4176
document edition-----	4435
AEC, <i>see</i> Atomic Energy Commission.	
Aerial photography, Soviet, aerial surveying and geology-----	5387
Aerodynamic heating, conical entry vehicles at speeds in excess of earth parabolic speed-----	5526
Aerolonization, influence of low con- centrations of light aerolons on cardiac activity of rabbits--	5373
Aeromedical Research Institute, <i>see</i> Civil Aeromedical Research Institute.	
Aeromedical reviews-----	4258
Aeronautical and Spaces Sciences Committee, Senate :	
hearings-----	4568
investigations and studies, aeronau- tics and space activities, au- thorization, report-----	4552
Aeronautical Chart and Information Center, bulletin digest-----	4222
Aeronautical charts, <i>see</i> Maps and charts.	
Aeronautical engineering, aviation engineering, USSR, transla- tions-----	4982, 5017
Aeronautical instruments, procure- ment of spare parts under con- tracts for related equipment by Air Force Dept., GAO re- port-----	4766
Aeronautical supplies, procurement of spare parts under contracts for related equipment by Air Force Dept., GAO report-----	4766
Aeronautical Systems Division : technical documentary reports--	4223-26
technical report-----	4227
Aeronautics :	
activities of Federal depts., etc., in- vestigate, authorization, re- port-----	4552
aviation, air traffic control, agree- ment, Canada-----	5706
civil air regulations-----	4675
amendments-----	4676-78
Federal aviation regulations-----	4681-83
United States activities, report 1963--	
departmental edition-----	5537
document edition-----	4434
<i>see also</i> Air navigation.	
Aerosols, penetration through filter paper with and without pin- holes-----	4297
Aerospace medicine, <i>see</i> Medicine.	
AFCRL, <i>see</i> Air Force Cambridge Research Laboratories.	
AFFTC, <i>see</i> Air Force Flight Test Center.	
Africa :	
translations-----	5079, 5115, 5251,
west coast, lights and fog signals, list-----	5578
Aged :	
bills on aging, etc., introduced 88th Cong., 1st sess-----	5761
nonwhite, and his housing-----	4827
President's Council on Aging, re- port-----	5640
senior citizens and how they live, analysis of 1960 census data--	4827
Aging, <i>see</i> Aged.	
Agricultural commodities, <i>see</i> Agricul- tural products.	
Agricultural Economics, periodical re- ports, list-----	4218
Agricultural insurance, cotton crop, general information-----	4688
Agricultural laborers, <i>see</i> Farm labor.	
Agricultural machinery, <i>see</i> Farm im- plements and machinery.	
Agricultural Marketing Service : AMS series-----	4177-85
reports, publications, list-----	4183
Agricultural products : agricultural commodities, agree- ment with--	
Brazil-----	5702
Guinea-----	5707
India-----	5708
Iraq-----	5705
Israel-----	5709
directory of Federal-State market news reports-----	4184
export sales to Soviet Union and Eastern European bloc coun- tries, opinion of Attorney Gen- eral-----	5415
marketing bulletin-----	4206
marketing firms, rising depreca- tion of assets, some causes and implications-----	4612
marketing research reports-----	4207-11
production research reports-----	4219-21
world agricultural situation, 1964--	4614
Agricultural Research Service, ARS series-----	4188-91
Agricultural situation, <i>see</i> Agricul- ture.	
Agriculture :	
agricultural economic reports--	4611-13
agriculture handbooks-----	4194-95
agriculture information bulle- tins-----	4196-97
Communist China, translations--	4940,
4939, 5057, 5243, 5264, 5390	
East European, translations--	4919,
4944, 5124, 5185, 5213, 5227,	
5318, 5395.	
foreign agricultural economic re- port-----	4614
Japanese experience, applicability--	5250
statistics, 1963-----	4193
USSR, translations-----	4887, 5381
world situation, 1964-----	4614
<i>see also</i> Farms.	
Agriculture Committee, House : hearings-----	4485-88
reports-----	4480, 4484
Agriculture Department :	
leaflet-----	4205
marketing bulletin-----	4206
marketing research reports-----	4207-11
miscellaneous publications-----	4212-16
PA [program aid] series-----	4217
production research reports-----	4219-21
research into health factors in to- bacco use, authorize, report--	4484
AIB series-----	4196-97
AID, <i>see</i> International Development Agency.	
Air, management of our air resources (address)-----	5656
<i>see also</i> Atmosphere.	
Air carriers :	
air transport at speeds of 2330 kilo- meters per hour in 1963, Rumanian study-----	5300
airborne VOR receiving equipment, technical standard order-----	4684
aircraft certification and operation rules, etc., civil air regulations amendment-----	4678
fare situation, changes in fare struc- ture, etc. (remarks)-----	4364
Air conditioners, unnecessary procure- ment by Army Dept., GAO re- port-----	4770
Air conditioning, mechanical design, engineering manual, change--	4666

MARCH 1964

Entry	Entry
Air Force:	Air traffic—Continued
airman specialties, development of standard list of work requirement factors.....	holding pattern criteria, FAA regulations, change.....
4256	4680
hangars, pumping station for fire protection, engineering manual, change.....	special rules and airport patterns, Federal aviation regulations.....
4667	4681
scientific information activities.....	Air Traffic Service:
5573	communication procedures, manual, change.....
Air Force Academy, Colo.:	4266
cadets, increase authorized strength, revise appointment law—	manual.....
4571	4266
report.....	service C weather schedules.....
4567	4271
Air Force Cambridge Research Laboratories:	Air transportation, <i>see</i> Air carriers.
AFCRRL series.....	Airborne operations, World War II and Korean War, USAF.....
4228-31	4264
instrumentation for geophysics and astrophysics.....	Airborne VOR receiving equipment (for air carrier aircraft).....
4254	4684
Air Force Department:	Aircraft:
AAL technical documentary reports.....	airworthiness, surplus military aircraft, civil air regulations.....
4242-50	4675-77
AAL technical notes.....	certification and operation rules for supplemental air carriers, commercial operators using large aircraft, and certificated route air carriers engaging in charter flights or other special services, civil air regulations, amendment.....
4251-52	4678
AEDC technical documentary report.....	certification, identification, etc., civil air regulations, amdt.....
4253	4674
AFCRRL series.....	citizen's guide to noise.....
4228-31	4685
AFFTC technical documentary reports.....	civil, active, by State and county.....
4232-34	4232
Air Force manuals.....	KC-135A, heavy weight 3 engine takeoff performance test.....
4235-39	4233
Air Force pamphlets.....	lag in altitude measuring systems.....
4240-41	4676-77
aircraft engines, failure to separate accessories from, GAO report.....	military, airworthiness certification of surplus aircraft, civil air regulations amdts.....
4767	5509
ASD technical documentary reports.....	V/STOL, analog computer approach to simulation.....
4223-26	4676-77
ASD technical report.....	<i>see also</i> Portable aircraft condition evaluator recorder.
4227	Airfields, <i>see</i> Airports—Aviation fields.
contracts with Space Corporation for modification of aircraft engine test stands, overestimated costs, GAO report.....	Airmen, specialties, development of standard list of work requirement factors.....
4768	4256
excessive cost of leasing compared with buying electronic data processing equipment at Kirtland Air Force Base, GAO report.....	Airplanes:
4758	T-37C category 2 performance test.....
instrumentation for geophysics and astrophysics.....	4234
4254	TFX contract investigation, hearings.....
lunar charts and mosaic series.....	4584
4255	transport, speeds of 2330 kilometers per hour in 1973, Rumanian study.....
Personnel Research Laboratory, technical documentary report.....	5300
4256	X-15, flight pressure measurements on forward fuselage compared with wind-tunnel data and theory.....
procurement of spare parts under contracts for related aeronautical equipment, GAO report.....	5521
4766	Airports:
RADC technical documentary report.....	Federal aid program, Federal aviation regulations.....
4257	4682
translation series.....	field moisture content investigation.....
4261-63	4671
Air Force Flight Test Center, technical documentary reports.....	<i>see also</i> Air traffic.
4232-34	Airspace utilization, <i>see</i> Air traffic.
Air Force Medical Service, Defense Dept., report, June 30, 1960—June 30, 1962.....	Airworthiness, <i>see</i> Aircraft.
4265	Akermanite, low-temperature heat capacities and entropies at 298.15° K.....
Air navigation, flying training, Air Force manual change.....	5489
4235	4703
Air pollution:	Alabama, electric rate book.....
discharges in atmosphere, dispersion, method for calculations, USSR study.....	4703
4912	Alaska:
prevention and control clean air act, law, description.....	climatic summary, 1922-52.....
4825	5753
State laws, digest.....	coastal warning facilities chart, 1963.....
5651	5755
Air space utilization, <i>see</i> Air traffic.	transportation of private vehicles of Govt. employees in Alaska, report.....
Air speed, T-37C category 2 performance test.....	4547
4234	Albacore, <i>see</i> Tuna fish.
Air terminals, <i>see</i> Terminals (transportation).	Albania, press information reports.....
4234	4946,
Air traffic:	5288
control:	4800
agreement with Canada.....	Albany, N.Y., water resources.....
5706	4800
contractions used by FAA, etc., handbook.....	Alberson, David M., roller ginning American-Egyptian cotton in Southwest.....
4267	4194
evaluation of terminal radar service area concept.....	
4268	
national airspace utilization system, design, status report.....	
5717	
enroute IFR survey, peak day, 1963.....	
4679	

INDEX

	Entry		Entry
Alcohol:		Animals:	
and traffic safety-----	5552	exposed to radiation, micro-	
industries, 1963, statistics-----	4832	crotic foci of hemopoietic or-	
Algae:		gans, USSR study-----	5229
culture unit, oxygen production,		husbandry, Communist China,	
factors affecting-----	5611	translations-----	4940,
cystoseira in Black Sea, variation		4989, 5057, 5243, 5264,	5390
in content of fission products,		Annapolis, Md., see Naval Academy,	
USSR study-----	5028	Annapolis-----	
feasibility for oxygen production		Antarctic regions:	
for nuclear submarines-----	5602	climatological data for Antarctic	
Soviet survey-----	5409	stations, Jan.-Dec. 1961-----	5754
Algology, Fott's textbook, USSR		problems (USSR periodical), trans-	
study-----	5409	lations-----	5388
Alkaline leaching, see Leaching.		Antelope, Oreg., geologic reconnais-	
Alkalinity, see Water.		sance of area-----	4778
All-Union:		Antennas:	
NOTE.—For headings begin-		dipole, curves of input impedance	
ning All-Union, see		change due to ground-----	5546
Union of Soviet Socialist		directivity of H.F. and V.H.F.	
Republics.		systems, determining balloon	
Allen, H. Julian, aerodynamic heat-		technique-----	5504
ing of conical entry vehicles-----	5526	Anthropology:	
Alliance for progress, see Latin		anthropological papers—	
America.		departmental edition-----	4273
Alloys:		document edition-----	4428
carbide hard, product of powder		Antibiotics, failure of therapy of auto-	
metallurgy-----	4914	infection in radiation sickness—	4939
heat resistant, Soviet research-----	5095	see also Penicillin—Streptomycin.	
see also names of metals, etc.		Anticoagulants, dental surgery during	
Alluviums, studies of flow in alluvial		anticoagulant therapy-----	5650
channels (series)-----	4799	Appalachian Trail, general informa-	
Altimeters, lag in aircraft altitude		tion-----	4216
measuring systems-----	4233	Apples:	
Aluminates, see Calcium aluminates.		packing and storage houses, layout	
Aluminum:		and design-----	4207
alloys, wrought products, tol-		red delicious, how color affects	
erances-----	4724	their sales-----	4208
sintered and commercial, creep-		Appraisers, right-of-way, examination	
rupture properties, effect of		announcement-----	4393
vacuum-----	5600	Apprentices, apprenticeship and eco-	
Ambrose, Paul M., fluor spar in 1963,		nomic change-----	4274
preliminary report-----	5471	Appropriations, see subjects, or names	
AMC, see Army Materiel Command.		of departments, etc., for which	
American Chrome Co., mining meth-		appropriations are made.	
ods and costs in operating		Appropriations Committee, House,	
Mouat mines-----	5475	hearings-----	4489
American Ethnology Bureau:		Appropriations Committee, Senate:	
bulletins-----	4272-73	hearings-----	4569-70
bulletins 1-100, etc., Index-----	4272	report-----	4536
departmental edition-----	4272	Aquifers:	
document edition-----	4427	methods of aquifer tests (series)---	4806
American Samoa, public school fi-		test data, shortcuts and special	
nance program, 1962-63-----	4634	problems-----	4806
Amino acids, imbalance in cold ex-		Aral Sea, natural science research,	
posed rats, metabolic studies-----	4249	etc., in region, USSR studies---	5132
Amplifiers:		Arbuzov, Boris A., biography, USSR	
microwave parametric amplifica-		study-----	5108
tion-----	5620	Architecture, industrial, fallout shel-	
reversible operational, USSR study---	4921	ters-----	4372
AMS, see Agricultural Marketing		Arctic Aeromedical Laboratory:	
Service.		technical documentary reports---	4242-50
Analog computers, see Electronic		technical notes-----	4251-52
computers.		Arctic regions:	
Analyzers, man's visual and auditory,		problems (USSR periodical), trans-	
factors affecting, Soviet re-		lations-----	5388
search-----	5049	whitefish feeding habits in bodies	
Anatomy, pathological, acute radia-		of water, variation and multi-	
tion sickness in experiment,		plicity-----	5006
atlas-----	4291	Aristarchus, LAC 39, lunar chart---	4255
Anderson, R. V., measurements of at-		Arizona:	
mospheric electric conductivity		electric rate book-----	4704
and field in Shenandoah Na-		tellurium resources-----	5493
tional Park, Va-----	5612	Armed Forces:	
Anderson, Rodney D., foreign trade		civic action, military role in nation	
regulations of Bolivia-----	4858	building-----	4277
Andrew Johnson National Historic		inventions wanted, list-----	5560
Site, change name from Andrew		personal affairs, Defense Dept.	
Johnson National Monu-		pamphlet-----	4275
ment, report-----	4454	unified action, principles, doctrines,	
Andrew Johnson National Monument,		etc., governing-----	4882-83
change name to Andrew John-		Armed Forces Information and Edu-	
son National Historic Site, re-		cation, DOD pamphlet-----	4275
port-----	4454	Armed Forces Institute, supply bul-	
		letin-----	4609

	Entry
Armed Services Committee, House, investigation and studies, matters relating to procurement, etc. by Defense Dept., expenses, report	4473
Armed Services Committee, Senate: hearings	4571-72
report	4507
Arms control, <i>see</i> Disarmament.	
Army:	
Judge Advocate legal service, pamphlets	4282-83
organization for major missions	4284
procurement legal service, pamphlet	4287
procurement procedure, change	4280
troop topics	4284
Army Department:	
air conditioners, unnecessary planned procurement, GAO report	4770
excessive charges for tank components under contract with Chrysler Corporation, GAO report	4757
field manual	4281
pamphlets	4282-87
technical manuals	4288-90
Army Materiel Command, AMC pamphlets	4279
Army Transportation Research Command, technical reports	5722-26
Arnold Engineering Development Center, technical documentary reports	4253
Arrests, District of Columbia, investigative, Mallory and Durham rules, amend criminal laws, hearings	4579
Ars orientalis, arts of Islam and the East	4751
ARS series	4188-91
Art:	
instruction, space and facilities	4645
oriental, Islam and the East	4751
Artificial limbs, upper, hydraulic, pneumatic and electrical devices in prostheses, USSR study	5356
Arts and crafts:	
construction and operation of hobby craft shops	5582
oriental, Islam and the East	4751
ASD, <i>see</i> Aeronautical Systems Division.	
Ashley, E. Everett, 3d, senior citizens and how they live, pt. 2, the aging nonwhite and his housing	4827
Ashwood, Oreg., geologic reconnaissance of area	4778
Asla, south and east, translations	5123, 5284
Assets and liabilities, <i>see</i> Banks and banking.	
Astoria formation, <i>see</i> Miocene period.	
Astronautics:	
interplanetary missions, high-energy chemical stages performance analysis	5507
space flight, chromosome rearrangement developing in microspores of <i>Tradescantia paludosa</i> , USSR study	4899
Astronauts, pilot control of orbital docking of attitude-stabilized vehicles, visual-simulator study	5513
Astronomy:	
meteor, progress, 1958-61, USSR study	5361
new methods in, USSR studies	5010
Astrophysics, instrumentation for research	4254

	Entry
Atchison, Thomas C., decoupling effect on explosion-generated strain pulses in rock	5481
Athens, Ga., population, special census	4351
Atlantic Coast:	
coast pilot, Cape Cod to Sandy Hook, supplement	4406
light lists, St. Croix River, Maine to Little River, S.C.	4408
south, crab larvae (<i>Callinectes</i>), in plankton collections from cruises of M/V Theodore N. Gill, 1953-54	4743
Atlantic Ocean, radio navigational aids, 1963	5579
Atlantic States, Middle, annual survey of manufactures, 1962, statistics for States, standard metropolitan statistical areas, and large industrial counties	4343
Atlases, copyrighted, Jan.-June 1963.	4595
Atmosphere:	
diffusion parameters of gases, Czechoslovak study	5081
electric conductivity and field measurements in Shenandoah National Park, Va.	5612
pressure fields, forecasting with hydrodynamic equations, USSR study	4960
terrestrial, above exchange layer, electricity in	5518
<i>see also</i> Ionosphere.	
Atmospheric entry, static longitudinal characteristics of Project Fire reentry stage after reentry-package separation	5515
Atomic bombs, fallout and winds	4373
Atomic energy:	
fundamental nuclear energy research, 1963, AEC special report	4307
legislation through 88th Congress, 1st session, compilation	4422
literature, bibliographies issued or in progress	4299
Soviet nuclear power engineering, information on	5141
Atomic Energy Commission:	
AEC research and development reports	4291-4303
price list	4324
appropriations, 1964, public works, report	4458
fundamental nuclear energy research, 1963, special report	4307
research and development progress, biology and medicine	4301
technical information bulletins	4304-6
Atomic Energy Joint Committee:	
committee print	4422
hearings	4423
ATS manual	4266
Attention, <i>see</i> Interest (psychology).	
Attorney General, <i>see</i> Justice Department.	
Auburn-Folsom south unit, <i>see</i> Central Valley project.	
Auctions:	
livestock, how packers and stockyards act applies	4179
tobacco markets, functions and operations, hearing	4486
Auditing, <i>see</i> for audit reports, names of corporations, etc.	
Auditory acuity, <i>see</i> Acuity.	
Auditory fatigue, <i>see</i> Fatigue.	
Auditory perception, <i>see</i> Perception.	
Austin County, Tex., transfer from Galveston division to Houston division of southern district of Texas, report	4528

INDEX

Entry	Entry
Austria:	Banking and Currency Committee,
labor law and practice-----	House:
trade mission, report of 1963-----	hearings-----
Autoinfection, radiation sickness,	reports-----
failure of antibiotic therapy--	4490-91
Automation:	4460, 4464-67
and Library of Congress, survey--	Banking and Currency Committee,
automatic merchandising industry--	Senate:
automation and other technological	hearings-----
developments, implications,	investigations and studies--
bibliography-----	authorization, report-----
4545	authorizing expenditures, report--
4582	housing, public and private--
automation and productivity, con-	authorization, report-----
tribution to economic growth	expenses, report-----
program (paper)-----	reports-----
4545	4540-41,
4545	summary of activities, 88th Con-
libraries, economic feasibility-----	gress, 1st session-----
4884	4575
pneumatic-hydraulic, new develop-	Banks and banking:
ments, USSR-----	assets and liabilities, all banks,
Automobiles, USSR industrial develop-	semiannual report-----
ment, translations-----	4714
5134	bank mergers, Federal and State
Automotive vehicles, <i>see</i> Motor ve-	laws, compilation-----
hicles.	4715
Auxler, J. A., general correlative	commercial, Treasury Department
studies, operation Bren-----	tax and loan accounts, establish
4294	more equitable arrangement
Aviation, <i>see</i> Aeronautics.	with Federal Government, GAO
Aviation electrician's mate 1 & C,	report-----
Navy training course-----	4760
5580	Federal deposit insurance act,
Aviation engineering, <i>see</i> Aeronautical	amend, report-----
engineering.	4465
Aviation fields, pavement, rigid, over-	insured banks, deposit insurance,
lay test tracks, Sharonville,	increase maximum coverage
Ohio-----	for each depositor, report-----
4670	4465
Aviation medicine, <i>see</i> Medicine.	nonmember banks that maintain
Aviators:	clearing accounts with Federal
helicopter pilot examination guide--	reserve banks, etc., list-----
inflight loss of consciousness, case	4719
report-----	<i>see also</i> Federal reserve system
4318	Barnes, Ivan, field measurement of
Awards (incentive), <i>see</i> Rewards	alkalinity and pH-----
(prizes, etc.).	4805
Axial transverse encephalography,	Barometry, manual-----
new concept in pneumoen-	5759
cephalographic interpretation--	Barr, Joseph W., nomination, hear-
5553	ing-----
Azerbaijdzhan Soviet Socialist Repu-	4574
blic, exploratory well, USSR	Bars (metal, etc.):
study-----	hot-rolled rail steel bars, produced
5344	from tee-section rails, standard
Azov, Sea of, lights and fog signals,	of trade-----
list-----	5540
5578	Batteries, <i>see</i> Electric batteries.
Azovskoye More, <i>see</i> Azov, Sea of.	Bauernschub, John P., jr., boom for
	placing scientific experiment 25
	ft. from spacecraft-----
	5505
	Baumgartner, D. J., color removal
	from surface waters by carbon
	filter-----
	4242
	Beaver Creek basin, physical environ-
	ment and strip-mining opera-
	tions-----
	4792
	Beck, William A., loading, etc., at zinc-
	lead mines, Eagle-Picher Co.--
	5477
	Beckman, Robert T., compressive
	strength versus length-diam-
	eter ratios of potash speci-
	mens-----
	5486
	Becraft, George E., geology and mi-
	neral deposits, Jefferson City
	quadrangle, Mont-----
	4793
	Beef, carcass evaluation service-----
	4185
	Belgium, maritime matters, use of
	ports and waters by N.S. Sa-
	vannah, agreement-----
	5699
	Belt series in Montana-----
	4786
	Bentall, Ray, shortcuts and special
	problems in aquifer tests-----
	4806
	Benthophagous fish, <i>see</i> Fish and fish-
	eries.
	Bernett, Marianne K.:
	behavior of monolayers of progres-
	sively fluorinated fatty acids
	adsorbed on water-----
	5592
	prevention of liquid spreading or
	creeping-----
	5604
	Berry, L. J.:
	effect of exposure to low tempera-
	ture on blood clearance of car-
	bon and bacteria in mice-----
	4244
	tryptophan pyrrolase in endotoxin
	poisoning-----
	4248

B

	Entry		Entry
BES series-----	4656	Birds, hibernation-----	4246
Besso, Henry V., Ladino books in L.C., bibl.-----	6456	Birge, George W., carbonizing prop- erties of coals, Buchanan, Dick- erson, Russell, Tazewell, and Wise Counties, Va.-----	5496
Bible, reading in public schools, Su- preme Court opinions, print additional copies, reports-----	4456, 4534	Birth : natality, statistics-----	
Bibliography : atomic energy literature-----	4299	1960-----	5667
automatic merchandising indus- try-----	5682	1961-----	5668
automation and other technological developments, implications-----	5436	Bismarck, N. Dak., population, special census-----	4352
bakery products-----	5679	Bituminous coal, <i>see</i> Coal mines and mining-----	
bookstore operation-----	5680	Black, David S., nomination, hear- ings-----	4576
education programs for women-----	5770	Black Canyon, of the Gunnison, Cure- canti pluton, unusual intrusive body-----	4780
field emission, Soviet research, 1960-63-----	5550	Black Hills : nonopaque heavy minerals in sand- stone of Jurassic and Creta- ceous age-----	4777
financial management-----	4335	southern-----	
galactosemia-----	4358	pegmatites and other Precam- brian rocks (series)-----	4783
gasification of coal underground-----	5472	pegmatites, geology and mineral deposits-----	4783
Hispanic Foundation series-----	5456	Black Sea, cystoseira, variation in content of fission products, USSR study-----	5028
Horticultural Crops Branch, AMS-----	4186	Blade. O. C., motor gasolines, sum- mer 1963-----	5479
Ladino books in Library of Con- gress-----	5456	Blind, veterans with loss or lost use of lower limb, grants for specially adapted housing, hearing-----	4573
marketing research methods-----	4336	Blood : carbon and bacteria clearance in mice, effect of low temperature exposure-----	4244
mental retardation, world litera- ture-----	5634	dogs with acute radiation sickness, humoral component in effect of bone marrow transplantation, USSR study-----	4905
new product development and sale-----	5678	hemopoietic organs of animals ex- posed to radiation, microne- crotic foci, USSR study-----	5220
phenylketonuria-----	4361	morphological and functional prop- erties changes and hemodynami- cs during work with extracor- poreal circulation apparatus, USSR study-----	5228
Presidents of U.S-----	5457	Blood vessels, effect of G-force on structure of vascular system-----	5270
radioisotopes in world industry, se- lected foreign literature-----	4302	BLS report series-----	5426-35
secondary education-----	4631	Blue crabs : industry, mechanizing, survey of processing plants-----	4720
small business-----	5678-82	larvae (Callinectes), in plankton collections from cruises of M/V Theodore N. Gill, south Atlantic Coast of United States, 1953-54-----	4743
technical translations, OTS peri- odical, periodicals translated in, basic list-----	4325	Bodansky, Harry, market indicators for Europe-----	4850
thermal degradation, oxidation, and analysis of high polymers-----	4608	Body temperature, rectal temperature of working sled dog-----	4250
Transportation and Facilities Re- search Division, AMS-----	4187	Bohemia, moldavites, Czechoslovakian study-----	5530
wholesaling-----	5681	Bokelman, W. Robert, new construc- tion and rehabilitation on col- lege campuses, 1961-62-----	4630
<i>see also</i> names of departments, etc., issuing lists of publications.		Bolivia, foreign trade regulations-----	4858
Billingsastraea, <i>see</i> Corals.		Boll weevils, <i>see</i> Weevils.	
Bills (congressional), <i>see</i> House bills—Senate bills.		Rondeld, R. O., phenomenological characteristics of (p. γ) reso- nances-----	5616
Binaural beat perception, <i>see</i> percep- tion.		Bonding, provisions of Federal labor laws, hearings-----	4492
Biochemists, examination announce- ment, andt-----	4375	Bonds of United States : 4 percent Treasury bonds of 1970-----	5730
Biogeochemistry, sulfur, USSR study-----	4986	4 1/4 percent Treasury bonds of 1975-85-----	5731
Biography, <i>see</i> subjects of biographical sketches.		Bone marrow, <i>see</i> Marrow.	
Biography controls for insects and dis- eases on agricultural crops, hearing-----	4485		
Biological physics : modern, subject and methods, USSR study-----	5144		
USSR research-----	5336		
Biology : AEC research and development progress-----	4301		
Bulgarian study-----	5277		
East European scientific abstracts-----	4963,		
4976, 5019, 5035, 5105, 5184, 5224, 5249, 5274, 5293, 5338, 5348, 5353, 5372, 5398	5317,		
microwaves, effect, problems of mechanism, USSR study-----	4894		
use of optical quantum oscillators, prospects, USSR study-----	5308		
USSR scientific abstracts-----	5107, 5283		
<i>see also</i> Marine biology—Microbi- ology.			
Bionics, USSR research-----	5336		
Biophysics, <i>see</i> Biological physics.			
Binery workers, examination an- nouncement-----	4378		
Binghamton, N.Y., relief, report-----	4531		
Binocular disparity, depth perception-----	4313		
Bird, Kermit, freeze-drying of foods, cost projections-----	4210		

INDEX

	Entry		Entry
Bonnerjea, Biren, index to bulletins 1-100, Bureau of American Ethnology, etc-----	4272	Building—Continued	
Book stores, <i>see</i> Stores.		urban renewal rehabilitation, minimum property standards-----	4699
Bookbinders, examination announcement-----	4396	working stresses for structural design, engineering manual-----	4664
Booms, folding, placing scientific experiments 25 ft. from spacecraft-----	5505	Building machinery, USSR industrial development, translations-----	5048, 5053, 5071
Border Patrol, Immigration and Naturalization Service, origin and work-----	4828	Buildings, maintenance of structures at naval shore activities-----	5772
BOUMAC, macro-programming system for scientific computation-----	5549	Bulgaria:	
Bovill, Idabo, clay and sand deposit, geology, etc-----	5480	biology and cybernetics-----	5277
Bovine peritoneum use in treatment of burns, USSR-----	5002	East European legal journals, abstracts-----	5063
Bowen, Lee, USAF airborne operations-----	4264	Geological Institute of Academy of Science, services, etc-----	5158
Boyd, Alan S., remarks, Jan. 22, 1964-----	4364	hydrology and hydrogeology tasks-----	5266
Brackett, Joseph A., labor law and practice in Ecuador-----	5433	national defense and Army welfare-----	5039
Braden, R. C., development of materials property data processing system-----	4225	physical geography-----	5040
Brain:		provincial press, summary-----	4915, 5150, 5325
cortical neurons, possibility of division, USSR study-----	5004	soldiers, struggle for combat readiness and to educate conscientious and ideologically convinced soldiers (speech)-----	5026
research and cybernetics, USSR study-----	5136	Bulletins, <i>see</i> Farmers' bulletins— <i>also</i> names of departments, etc., issuing bulletins— <i>also</i> subjects.	
Brannigan, Francis L., radiation in perspective, illustrated text of film lecture-----	4310	Bunche, Ralph, world servant, biography-----	5735
Brazil:		Burma, economy, basic data-----	4861
agricultural commodities, agreement-----	5702	Burns and scalds, use of bovine peritoneum in treatment, USSR study-----	5002
establishing business-----	4860	Burr, Mildred P., basic data on economy of Uruguay-----	4859
telecommunications, market for U.S. equipment-----	4337	Bush, Joseph C., industry wage survey, communications-----	5438
Bread, baking, Army technical manual-----	4289	Bushmen, Kalahari, thermal and metabolic response to moderate cold exposure at night-----	4243
Brewer, Thomas K., economy of El Salvador-----	4850	Business:	
Broadcasting, <i>see</i> Radio broadcasting.		agricultural marketing firms, rising depreciation of assets, some causes and implications-----	4612
Brown, Briscoe B., jr., transporter, liquid, rolling-wheel-type, 600-gallon, T-4 (RLT), final report-----	5726	establishing in—	
Bryan, J. Ned, talent, State's resource, State's responsibility-----	4651	Brazil-----	4860
Buchanan County, Va., coal carbonizing properties-----	5496	Spain-----	4852
Buckley, Donald H., evaporation rates for organic lubricants in vacuum-----	5517	Federal activities, fallacies and dangers of proposed Liberty amendment-----	4519
Budget Bureau, mission to provide direct staff assistance to the President-----	4322	print as Senate document, report-----	4537
Budget of United States:		International, publications, checklist-----	4847
1965—		overseas business reports-----	4850-62
appendix—		small business—	
departmental edition-----	4321	act of 1958, amend, report-----	4464
document edition-----	4441	bibliographies-----	5678-82
budget in brief-----	4319	insurance and risk management-----	5684
budget of U.S.—		investment companies act of 1958, amendments, report-----	4482
departmental edition-----	4320	management series-----	5683-84
document edition-----	4439	Business and Defense Services Administration, ER series-----	4326-34
District of Columbia—		Business consolidations, bank mergers, Federal and State laws, compilation-----	4715
departmental edition-----	4323	Business men, recognizing export capabilities of U.S. firms (address)-----	4410
document edition-----	4440		
Budgets (family and personal):		C	
family food budgeting for good meals and good nutrition-----	4204	Cacace, Allesandro A. R., relief-----	4451
Building:		Calcium aluminates, hydrated, formation in lime-soda sinter process-----	5482
construction reports, residential alterations and repairs-----	4346		

Entry	Entry
Calculus, multi-value calculi, relationship to logic, USSR book review -----	5142
Calibration : Navy program, technical manual series -----	5623
tests, Langley hotshot tunnel, description -----	5511
California, <i>see</i> Central Valley project.	
Callinectes, <i>see</i> Blue crabs.	
Caloric nystagmus, <i>see</i> Nystagmus.	
Camouflage, deceptive pricing, guides against -----	4726
Camp Ripley Military Reservation, geology and ground-water conditions -----	4813
Campaigns (political), <i>see</i> Elections.	
Canada, aviation air traffic control, agreement -----	5706
Canadian border to Eureka, Calif., coastal warning facilities chart, 1963 -----	5755
Cancer, role of nucleic acids in differentiation and malignant degeneration, USSR studies -----	4904
Canal Zone, public school finance program, 1962-63 -----	4635
Capp, John P., underground gasification of coal, 1945-60, bibliography -----	5472
Carbaugh, Carol C., KC-135A heavy weight 3-engine performance test -----	4232
Carbides, hard alloys, product of powder metallurgy -----	4914
<i>see also</i> Molybdenum carbide—Tungsten carbide.	
Carbon : blood clearance in mice, effect of low temperature exposure -----	4244
filter for color removal from surface waters -----	4242
Carboniferous period, Lower, deposits of middle Tien Shan and Talas-Fergana fault, USSR study -----	5166
Carbonization, coal, Buchanan, Dickenson, Russell, Tazewell, and Wise Counties, Va -----	5496
Cardiac activity, <i>see</i> Heart.	
Cardiovascular system, diseases, mortality, 1960 data on national and State experience -----	5647
Career staff to the President -----	4322
Careers, <i>see</i> Civil service—Occupations.	
Cargo carriers : rolling liquid— transporters, emergency repair kit for tubeless tires -----	5722
transporter, rolling-wheel-type, 600-gallon, T-4 (RLT), final report -----	5726
Carles, <i>see</i> Teeth.	
Carlsbad Caverns National Park, revise boundaries, report -----	4455
Carp, parasitofauna, effect of pond-raising conditions, USSR study -----	4917
Carpenter, Albert J., nomination, hearings -----	4576
Carpenter, Kenneth S., halfway houses for delinquent youth -----	4359
Carpenters' Hall, general information -----	5565
Carriers, <i>see</i> Communications—Motor carriers—Railroads.	
Cartographers, examination announcement, discontinuance notice -----	4385
Cartons, folding, industry, review of 1963, outlook for 1964 -----	4328
Caseworkers, <i>see</i> Social workers.	
Casimir Pulaski, USS, launching (remarks) -----	5633
Castings, refractory metal, effect of individual features of technological process, USSR study -----	5378
Catalogs : copyright entries -----	4595
stock number reference catalog -----	4725
Western Training Center courses, 1964 -----	4374
Cats, caloric nystagmus following rotary habituation -----	4315
Cells : proliferation in adrenal of control and cold exposed rats -----	4247
radiosensitivity of inherited structures of cells of mammalia in vitro, USSR study -----	5033
reaction to effects of extreme conditions, USSR studies -----	4927
Cells (electrolytic), <i>see</i> Electrolytic cells.	
Census : governments 1962— announcement and order form -----	4340
final reports -----	4344
manufactures, 1963, alphabetic list of manufactured products -----	4339
<i>see also</i> subjects.	
Census Bureau, schedules -----	4353-55
Central Valley project, Auburn-Folsom south unit, construct, etc., hearings -----	4585
Cerro Gordo, Calif., mining district, Inyo County, geology -----	4788
Certificates, <i>see</i> types of certificates or subjects involved.	
Cesium : coatings on tungsten, thermal desorption and surface diffusion, field-emission investigation -----	5500
concentration, effect on accumulation in plants -----	4970
ions, research on volume recombination, final report -----	5725
Chairs, <i>see</i> Wheelchairs.	
Chemical tract : solution of problem, convention with Mexico, implement— hearings -----	4580-81
reports -----	4521, 4566
Chanslor-Western Oil & Development Co., GSA to sell part of Chell Air Force Station, Bell, Calif., by negotiation to, report -----	4543
Charts, <i>see</i> Maps and charts.	
Checklists, directories in science and technology -----	5455
<i>see also</i> names of departments, etc., issuing checklists— <i>also</i> subjects.	
Cheese : and cheese products, definitions and standards -----	4749
laws and regulations affecting industry, summary -----	4195
Chell Air Force Station, Bell, Calif., GSA to negotiate sale to Chanslor-Western Oil & Development Co., report -----	4543
Chemical analysis, quality of surface water, West Branch Susquehanna River basin, Pa -----	4824
Chemical industries, <i>see</i> Chemicals.	

INDEX

	Entry		Entry
Chemicals : industry—		China—Continued	
Council for Mutual Economic Assistance	5195	Communist—Continued	
Lithuanian SSR, mechanizing and automating	5094	science and technology	4936, 4955, 5080, 5246, 5279
toxic chemicals and labor hygiene, USSR studies	5359	scientific abstracts	5030, 5126, 5256, 5337, 5345
USSR expanding industry and public health	5335	5087, 5091 5101, 5106, 5146, 5151, 5165, 5175, 5276, 5294, 5310, 5324,	
USSR technological progress and industrial hygiene	5045	trade, finance, transportation, and communications	4934, 5262, 4957, 4991, 5063, 5241, 5352, 5391
transport problems, USSR studies	5069	war and peace, 2 different lines on question, comment on open letter of CPSU	4971
USSR industrial development, translations	4985, 5094, 4947, 5125, 5329	Ching-chi yen-chiu (periodical) : translations	5260
chemical machine building		Chinn, Herman I., research and development activities of Economics Ministry, Germany	5572
Chemiluminescence of lipids and rate of growth in Pacific salmon, USSR	4977	Chinook salmon, <i>see</i> Salmon.	
Chemistry :		Chironomus dorsalis, <i>see</i> Flies.	
agriculture, USSR study	5145	Chlorine, accident on Mississippi River, Mar. 23, 1961	5663
cybernetics in chemistry, USSR study	4959	Choline, cholinergic processes in pathology, USSR study	5046
East European scientific abstracts	4964, 5254, 4975, 5110, 5149, 5162, 5275, 5326	Chow, Bacon F., effect of cold on protein metabolism	4251
Poland, development prospects from Druzha oil pipeline	5157	Chromite, mining methods and costs, Mouat mine	5475
programmed teaching, USSR study	5044	Chromosomes :	
USSR, scientific abstracts	5042	glant, RNA variations of Chironomus dorsalis during metamorphosis, USSR study	4980
<i>see also</i> Cytochemistry.		human chromosomal diseases, USSR study	5333
Cherry blossoms, <i>see</i> Japanese flowering cherry.		rearrangement in microspores of Tradescantia paludosa under factors of space flight, USSR study	4899
Chesapeake & Ohio Ry., accidents	4878, 4880	Chrysler Corporation, tanks, excessive charges, GAO report	4757
Chiantella, A. J., filterability of distillate fuels	5610	Circulars, <i>see</i> names of departments, etc., issuing circulars.	
Chick, Bruce, ultrasonic methods in study of fatigue, etc., in crystals	4223	Circulation of blood, <i>see</i> Blood.	
Child Health and Human Development, National Institute, <i>see</i> National Institute of Child Health and Human Development.		Citellus, <i>see</i> Ground squirrels.	
Children :		Cities and towns :	
abused, protective casework	4363	grant applications—	
dependent, aid to families with, coordination in location of absent parents, report on meeting	4672	local review, report	4542
exceptional, education	4646	national survey	4583
<i>see also</i> Day care of children.		metropolitan planning, national survey	4583
Children's Bureau :		smaller communities program in operation	4660
conference with Public Health Service, etc., 1963, preliminary report of actions	5662	transportation, calibrating and testing gravity model with small computer	5669
statistical series	4362	Citizen's guide to aircraft noise	4674
Chimpanzees, Project Mercury ballistic and orbital flights, results	5501	City planning, <i>see</i> Redevelopment (city planning, etc.).	
China :		Ciudad Juarez, Mexico :	
coast, sailing directions, change	5577	relocation of Rio Grande, convention with Mexico, implement—	
Communist—		hearings	4580-81
agriculture, animal husbandry and materials	4940, 5390	reports	4521, 4566
digest	5271, 5304	Civic action, military role in nation building	4277
industry, mining, fuels and power	4933, 5265, 4958, 4988, 5077, 5235,	Civil Aeromedical Research Institute : reports	4312-18
national defense and socialist construction, etc., studies	5114	reports, resúme and index, 1961-62	4312
political and sociological information	4897, 5191, 4930, 4997, 5066, 5117, 5242, 5280, 5303, 5330,	Civil aeronautics, <i>see</i> Aeronautics.	
reservoirs, USSR studies	5043	Civil Aeronautics Board : efficiency and economy in operations, report	4452
		regulations	4365
		Civil air regulations, <i>see</i> Aeronautics.	
		Civil aircraft, <i>see</i> Aircraft.	

MARCH 1964

	Entry		Entry
Civil defense, <i>see</i> Civilian defense.		Clark, A. B. J., static and dynamic properties of photoelastic materials	5596
Civil Defense Office :		Clark, Willie E., index to conferences abstracted in nuclear science abstracts	4300
memorandum of understanding with Emergency Planning Office	4366	Clarkia, Idaho, metamorphism of Belt series in area	4784
technical reports	4372-73	Clay, Bovill deposit, Latah County, Idaho, geology, etc.	5480
Civil procedure, judiciary and judicial procedure, D.C. code of laws, text, revision notes, etc.	4503	Clayton, J. E., mechanical picker attachments for harvesting cotton research plots	4191
Civil rights :		Clean air act, <i>see</i> Air pollution.	
act of 1963—		Clean room and work station requirements, controlled environment, Federal standard	4723
hearings	4502, 4507	Cleaning compounds :	
report	4479	detergents to comply with standards of decomposibility, report	4530
public accommodations, eliminate discrimination, hearings	4577	synthetic detergent industry, review of 1963, outlook for 1964	4329
Civil Rights Commission :		Clear Creek County, Colo., altered wallrocks in central part of Front Range mineral belt	4795
extend—		Clearwater County, Idaho, Idaho batholith	4785
hearings	4502, 4507	Clerks, <i>see</i> Communications coding clerks.	
report	4479	Climate :	
Civil service :		climatology of United States, climatic summary of United States, supplement	5753
apportionment requirement for temporary summer employment, hearing	4591	climatological data, Antarctic stations, Jan.-Dec. 1961	5754
career opportunities—		control methods, USSR study	5712
environmental health	5652	summary, 1922-52, Alaska	5753
Federal service for college students	4388	Climatological data for Antarctic stations	5754
Internal Revenue Service	4833	Clinics, outpatient psychiatric services in U.S., 1962, patients data	5554
National Park Service	5566	Clouds, satellite Nimbus pictures, errors in geographic referencing	5520
examination announcements—		Coal :	
blindery worker	4378	carbonizing properties, Buchanan, Dickenson, Russell, Tazewell, and Wise Counties, Va.	5496
biochemist, amdt.	4375	foreign market potential for U.S. coal, correction sheet	4401
bookbinder	4396	gasification, underground, bibliography	5472
cartographer, discontinuance notice	4385	Russell County, Va., preparation characteristics	5488
communications cryptographic coding clerk	4387	Coal dust, explosions, experimental.	5490
cotton technologist, discontinuance notice	4386	Coal mines and mining :	
current	4381-83	bituminous coal mining, labor market developments	4658
cylinder pressman	4398	hydrologic influences of strip mining (series)	4792
dietitian	4399	strip-mining operations, Beaver Creek basin, Ky.	4792
geologist	4397	Wilkeson area, Wash., study	5498
hearing examiner	4400	<i>see also</i> Mine accidents.	
laboratory and clinical technicians, in health research, supp.	4394	Coal Research Office, research and development report	4401
medical officer, amdt.	4376	Coast and Geodetic Survey :	
medical technologists, supp.	4395	magnetograms MHV series	4402
pharmacist	4392	technical bulletin	4407
right-of-way appraiser	4393	Coast Guard, nominations of James D. Craik, Louis M. Thayer, jr., Albert J. Carpenter, hearings.	4576
social workers, public assistance adviser, etc.	4379	Coast pilots, United States Coast pilot, supplements	4405-6
student trainee, discontinuance notice	4384	Coastal warning facilities chart: Canadian border to Eureka, Calif., and Alaska, 1963	5755
veterinarian, amdt.	4377		
Federal jobs overseas	4391		
investigation, expenses, report	4545		
job opportunities, local and regional, examinations	4390		
salary rate for positions in Government under general schedule, amdt.	4389		
Civil Service Commission :			
Federal career outlook letter to college students considering their careers	4388		
pamphlet	4391		
Civilian defense :			
emergency hospital, storage structures	5654		
equipment, Federal contributions	4368		
Federal civil defense guide	4366-70		
rescue skills and techniques	4371		
Western Training Center, 1964 catalog of courses	4374		
Claims, war claims act, administration, investigation, extension, report	4562		
<i>see also</i> Unemployed insurance.			

INDEX

	Entry		Entry
Coastal warning facilities chart—		Collins, William E., caloric nystagmus of cat following rotary habituation	4315
Continued		Colloids, metallic, field emission charging	5516
Eastern Florida, 1964	5756	Color:	
Hawaiian Islands, 1963	5757	discrimination, effect of spectral bandwidth	5468
Coats, Robert R., geology of Jarbridge quadrangle, Nev.-Idaho	4775	induced, factor affecting perception	5464
Code of Federal regulations	4710-13	Colorado:	
<i>see also</i> for titles, chapters, etc., of the code printed separately, subject involved.		tellurium resources	5493
Codes, <i>see</i> headings beginning Code.		western, hydrologic and biotic characteristics of grazed and ungrazed watersheds, Badger Wash Basin	4804
Codes of law, United States, revision and codification, study, expenses, report	4561	Colorimetry, fluorescent color specification by means of Beckman model DK-2 spectrophotometer	5593
Coefficients, in-pile Hall, conductivity measurements on zone-refined P-type silicon	5591	Columbia River and Valley:	
Coeur D'Alene mining district, economic aspects of silver production	5476	lower basin—	
Coffin, Frank M., remarks, Sept. 11, 1963	4869	floods, magnitude and frequency—surface water records, Oct. 1950-Sept. 1960	4818 4822
Cold:		Columbium, <i>see</i> Niobium.	
exposure—		Commemorative medals, <i>see</i> Medals.	
cell proliferation in adrenal of rats	4247	Commerce:	
effect of low temperature on isolated hearts of <i>Citellus leucurus</i> and <i>C. Mohavensis</i>	4245	Communist China, translations	4934, 4957, 4991, 5061, 5241, 5352, 5391.
effect on blood clearance of carbon and bacteria in mice	4244	foreign market potential for U.S. coal, correction sheet	4401
effect on some aspects of protein metabolism	4251	foreign trade—	
Kalahari Bushmen at night, thermal and metabolic response	4243	East European, translations	4925, 4972, 5186, 5258, 5362
metabolic studies of amino acid imbalance in rats	4249	reports prepared by Foreign Service, available to business, list, statistics, country designation, code classification	4868 4353
relationship upon biological properties peculiar to influenza virus, etc	4252	United States, Jan.-Sept. 1963	4862
Cold war, <i>see</i> International relations.		foreign trade regulations—	
Collective bargaining, statistics for use in collective bargaining (remarks)	5452	Bolivia	4858
Colleges and universities:		Paraguay	4855
campuses, new construction and rehabilitation, 1961-62	4630	United Arab Republic	4854
debate topics, preparation and printing of compilations of materials, law	4420	Uruguay	4853
engineering technology programs, ECDP accredited, 1963	4619	international commerce, weekly—	
federally financed student loans, fellowships, career training programs in higher education, directory	4493	index, quarterly	4848
institutions granting bachelor's or higher degrees in home economics, 1961-62	4623	supplements	4865-66
liberal arts colleges, academic administration	4616	interstate, steel containers labeling, hearing	4501
library statistics, 1962-63	4625	stimulating export expansion (address)	4409
national defense education act of 1958, institutes, counseling and guidance training, announcement	4628	trade expansion program, America's biggest selling job (addresses)	4409-10
physical facilities series	4630	trade mission to—	
Rumania, higher education, rich content of ideas	5358	Austria	4864
State legislation, survey, 1963	4650	Hong Kong	4865
summer sessions, 1960	4649	Malaysia	4866
2-year college series	4619	Switzerland	4867
USSR—		trade missions overseas, questions and answers for prospective members	4863
higher educational institutions, news—		<i>see also</i> Exports— <i>also</i> certain headings beginning Commercial.	
instrument building	5178, 5347	Commerce Committee, Senate:	
radiophysics series	5236	hearings	4576-77
Novosibirsk State University, Russian SFSR, translation of pamphlet	5003	investigations and studies authorization, report	4555
selections from <i>Vestnik vyssheshkoly</i>	4987	report	4523
		Commerce Department:	
		report, 1963	4411
		reports prepared by Foreign Service, export information, list	4868
		Commercial banks, <i>see</i> Banks and banking—National banks.	
		Commercial fisheries, <i>see</i> Fish and fisheries.	
		Commercial Fisheries Bureau, research vessel George B. Kelez, activation	4731

Entry	Entry
Commercial products:	
manufactured products, alphabetic list, 1963, census of manufactures -----	4339
new product development and sale, bibliography -----	5678
statistical classification—	
schedule T -----	4354
schedule Y -----	4355
Commercial standards, <i>see</i> Standards and standardization.	
Commercial treaties:	
trade agreements—	
and adjustment assistance programs, code of Federal regulations -----	4710
escape clause investigations, report -----	5718
Commissioner of Railroads, records, preliminary inventory -----	5538
Commodities, <i>see</i> Commercial products.	
Commodity Credit Corporation, audit, 1962, GAO report -----	4753
Communications:	
act of 1934, amend, report -----	4483
Communist China, translations -----	4934, 4957, 4991, 5061, 5241, 5262, 5352, 5391.
contractions used by FAA in air traffic control, etc., handbook -----	4267
industry wage survey -----	5438
international, problems and techniques, hearings -----	4497
modern theories -----	4360
procedures, ATS manual, change -----	4266
statistics, common carriers, 1962 -----	4687
USSR, translations -----	5225, 5255, 5350
<i>see also</i> Telegraph.	
Communications coding clerks, cryptographic, examination announcement -----	4387
Communism:	
international developments, translations -----	4926, 4971, 4994, 5022, 5093, 5155, 5179, 5237, 5306, 5351, 5414.
Israel leaders statements -----	5405
Marxist-Leninist gnosiology and problem of sign and meaning, USSR study -----	5139
scientific, principles and structure, USSR problems -----	4929
social science and Communism, USSR book review -----	5140
USSR, translations from Communist -----	4968, 5289
Communist China, <i>see</i> China.	
Communist Party of China, war and peace question, comment on open letter of CPSU -----	4971
Communist Party of Indonesia, performance praised by Italian Communists -----	4906
Communist Party of Israel, activities -----	5305
Communist Party of Italy:	
Italian Communists view their party and Moro government -----	4926
praise performance of Indonesian Communist Party -----	4906
Communist Party of Soviet Union, pedagogical science, new program and problems -----	5363
Communities, <i>see</i> Cities and towns.	
Community development programs, smaller communities program in operation -----	4660
Community facilities, status of women, President's committee, report -----	5638
Community Facilities Administration, public works planning programs, inadequate collections procedures, etc., GAO report -----	4764
Community surveys, wages, 1948-June 1962 -----	5440
Compacts (interstate), <i>see</i> Interstate agreements.	
Competition, livestock marketing, equalize, hearings -----	4487
Compounds, <i>see</i> names or classes of compounds, or purpose for which used.	
Compressed gases, <i>see</i> Gases.	
Computers, <i>see</i> Electronic computers.	
Conaway, C. L., minutes, 133d meeting of Missouri Basin Inter-Agency Committee -----	5499
Concrete:	
asphaltic, overlay test track, Sharonville, Ohio -----	4670
repairs and utilities, technical manual -----	4288
standard practice, engineering and design manual -----	4665
Cones, entry vehicles, aerodynamic heating at speeds in excess of earth parabolic speed -----	5526
Conference committees, reports -----	4458, 4482
Conferences, congresses, etc., index to conferences abstracted in nuclear science abstracts -----	4300
<i>see also</i> names of conferences, etc.—	
also subject of conference.	
Congress of United States:	
major legislative actions, 88th Congress -----	4425
Members, tributes to late President John F. Kennedy, print as Senate document, reports -----	4476, 4535
summary of 3-year Kennedy record and digest of major accomplishments, 1961-63 -----	4516
Congressional districts:	
data book, 88th Cong., statistical abstract, supplement—	
departmental edition -----	4345
document edition -----	4430
Congressional list (series) -----	4830
Congressional Office of Science and Technology, establish, hearing -----	4499
Congressional serial set -----	4417-19
Connecticut, annual survey of manufactures, 1962, standard metropolitan statistical areas, and large industrial counties, statistics -----	4342
Conservation, <i>see</i> Soil conservation.	
Constitution of United States:	
Liberty amendment proposals, abolish Federal income tax, dispose of all Federal business activities and limit treaty-making powers, fallacies and dangers, print as Senate document, report -----	4519
report -----	4537
Construction, <i>see</i> Building.	
Construction equipment, <i>see</i> Building machinery.	
Construction machinery, <i>see</i> Building machinery.	
Consuls, convention with Republic of Korea -----	5700
Consumers:	
expenditures and income, 1961—	
Durham, N.C. -----	5427
Green Bay, Wis. -----	5428
Ketchikan, Alaska -----	5426
publications, list -----	4830
younger and older, impact of rising prices -----	5429
Consumers, income, <i>see</i> Income.	
Consumption (economics), <i>see</i> Food.	

INDEX

	Entry		Entry
Contagion and contagious diseases, publications, price list-----	5643	Craik, James D., nomination, hearings-----	4576
Containers:		Creep-of-metals, aluminum, creep-rupture properties, effect of vacuum-----	5600
glass, industry review of 1963, outlook for 1964-----	4330	Cretaceous period, nonopaque heavy minerals in sandstone, Black Hills, Wyo. and S. Dak.-----	4777
steel, labeling, hearing-----	4501	Crime and criminals, District of Columbia, legislation, hearings-----	4579
Contamination, radioactive isotopes, diagnosis and treatment, USSR study-----	4924	Criminal procedure, judiciary and judicial procedure, D.C. code of laws, text, revision notes, etc.-----	4503
Contract Appeals, Corps of Engineers, Board of, <i>see</i> Engineers Corps Board of Contract Appeals.		Crop insurance, <i>see</i> Agricultural insurance.	
Contractions, <i>see</i> Abbreviations.		Crops biological controls for insects and diseases, hearing-----	4485
Contractor report NASA CR (series)-----	5500	Cruelty to children, <i>see</i> Children.	
Contractors, <i>see</i> Government contracts.		Crystal mixers, experimental Ka-band mixer-----	5594
Control (vehicle), <i>see</i> Spacecraft.		Crystallization, ingots during are melting with consumable electrode, USSR study-----	5370
Conversion (industrial):		Crystallography, dislocation structures, Soviet studies-----	5295
experimental conversion of hematite to magnetite with solid reductants-----	5485	Crystals:	
Cookery, <i>see</i> Recipes.		fatigue and deformation, ultrasonic methods in study-----	4223
Cooperatives, <i>see</i> Farmers' cooperative organizations.		ionic, ductile bending mechanism-----	5527
Copper, precipitator dust, laboratory smelting-----	5483	Cuba, translations-----	4818, 4954, 5135, 5216, 5313
Copyright, catalog of copyright entries-----	4595	Culbertson, James K., fluvial characteristics and hydraulic variables, middle Rio Grande, N. Mex-----	4799
Corals, Devonian colonial genus <i>Billingiastraea</i> -----	4798	Culbertson, William S., papers in Library of Congress, register-----	5458
Cordierite, low-temperature heat capacities and entropies at 298.15° K-----	5489	Cumberland River and Valley, floods, magnitude and frequency-----	4816
Corporations, doing foreign banking or financing that maintain reserve accounts with Federal reserve banks, 1963, list-----	4719	Curcio, J. A., transmission of ruby laser light through water-----	5597
Cosmetics, F.D.C. regs-----	4749	Curecanti pluton, unusual intrusive body in Black Canyon of the Gunnison, Colo-----	4780
Cost, <i>see</i> names of commodities, e.g. Dried foods.		Current industrial reports-----	4347-48
Cottingham, R. L., effect of polar-non-polar additives on oil-spreading on solids-----	5603	Currents, <i>see</i> Ocean currents.	
Cotton:		Curriculum, industrial arts needs-----	4652
American-Egyptian in Southwest, roller ginning-----	4194	Customs, <i>see</i> Tariff.	
federal crop insurance, general information-----	4688	Cybernetics:	
technologist, examination announcement, discontinuance notice-----	4386	and electronic computer technology, USSR study-----	5113
testing service, tests available, equipment and techniques basis for interpreting reports-----	4178	Bulgarian study-----	5277
variety tests, regional, results 1962-----	4190	cybernetics in chemistry, USSR study-----	4959
<i>see also</i> names of manufactured articles and materials.		cybernetics in sciences, engineering and economy East German study-----	5245
Cotton County, Okla., soil survey report-----	5696	informational concepts, Rumanian study-----	5031
Cotton gins and ginning, American-Egyptian cotton in Southwest, roller ginning-----	4194	philosophical and sociological problems, USSR study-----	5128
Cotton machinery, mechanical picker attachments for harvesting cotton research plots-----	4191	physiological interrelationship, philosophical problems, USSR-----	5374
Council of Economic Advisors: report, 1963-----	5635	role in studying workings of brain, USSR study-----	5136
departmental edition-----	4442	technical, USSR news-----	4962
Counseling, national defense education act of 1958, training institutes, announcement-----	4628	uses in medicine, present and future, USSR study-----	4961
Counts, Harlan B., salt-water encroachment, etc., Savannah area, Ga.-S.C-----	4808	Cylinder pressman, <i>see</i> Civil service.	
Courses of study, <i>see</i> Curriculum.		Cytochemistry, marine organisms, early stages, USSR studies-----	4901
Court of Claims, judgments rendered, list-----	4517	Cytology:	
Cows, dairy, milk production by months, 1962-63-----	5712	radiosensitivity of tissues of mammals, USSR study-----	5092
Crabs, <i>see</i> Blue crabs.		scientific world outlook, USSR study-----	5333
Crafts, Edward C., remarks, Feb. 5, 1964-----	5629	Czechoslovakia:	
		legal journals, abstracts-----	4893, 5404
		moldavias from Bohemia and Moldavia, study-----	5530
		provincial press, summaries-----	4890, 5072, 5121, 5194

D	Entry	Entry
D.S.A., <i>see</i> Defense Supply Agency.		
Dairying, dairy plants surveyed and approved, inspection and grading of manufactured or processed products, regulations, lists	4181	
Dalaynor, Lake, zoobenthos and nutrition of benthophagous fish, Chinese People's Republic	5001	
Darling, Eugene M., jr., errors in geographic referencing of Nimbus cloud pictures	5520	
Data, <i>see</i> subjects.		
Data processing, <i>see</i> Electronic data processing systems.		
Davey, J. L., germanium heated to temperatures in evaporation range	5607	
Davis, J. R., use of hf lunar reflection circuit in study of ionospheric electron density	5609	
Day care of children, fees for services.	4357	
Days, <i>see</i> names of special days.		
Deaf, people and their difficulties	5747	
Dealers, subject to certain sections of title 1, National housing act, list	4692	
Death, cardiovascular disease, 1960 data on national and State experience	5647	
Debates and debating, high school and college annual topics, preparation and printing of compilations of materials, law	4420	
Debt, <i>see</i> Public debt.		
Deception, <i>see</i> Camouflage.		
Dechaene, R., low-stress brittle fracture in mild steel	5677	
Decisions, <i>see</i> names of courts, etc., rendering decisions.		
Deep sea domestic waterborne traffic, 1957-61	4874	
Defense, <i>see</i> Civilian defense—National defense.		
Defense Department:		
appropriations, 1964, public works, report	4458	
handbook DSAH series	4598	
manual DSAM series	4600	
military handbook	4604	
military standards	4606-7	
TFX contract investigation, hearings	4584	
Defense disposal manual	4600	
Defense Production Joint Committee, report	4462	
Defense Supply Agency:		
handbook DSAH series	4598	
headquarters, organization, missions, and functions	4602	
HQM series	4602	
introduction to, general information	4603	
manual DSAM series	4600	
Degrees (colleges and universities, etc.):		
home economics, 1961-62	4623	
Delaney, William F., labor law and practice in Turkey	5430	
Delaware, electric rate book	4705	
Delaware & Hudson RR, accident	4877	
Delaware River Basin Commission, appropriations, 1964, public works, report	4458	
Delaware River Port Authority, compact concerning consent of Congress, hearing	4505	
Delinquent children, <i>see</i> Juvenile delinquency.		
Delsordo, James D., protective case-work for abused children	4363	
Dental Research, National Institute, <i>see</i> National Institute of Dental Research.		
Dentistry, dental surgery during anti-coagulant therapy	5650	
Dentists, student loans, amend Public Health Service act to permit partial cancellation for practicing in shortage areas, report	4533	
Depth perception, <i>see</i> Perception.		
Dermo-optical sense, <i>see</i> Tactile sensitivity.		
Desorption, thermal, cesium coatings on tungsten	5500	
Detergents, <i>see</i> Cleaning compounds.		
Deurbrouck, Albert W., preparation characteristics of coal from Russell County, Va.	5488	
Development assistance, <i>see</i> Foreign aid.		
Devenney, John H., BOUMAC programming system	5549	
Devices, safety, refrigerator doors, progress, hearing	4500	
Devonian period, coral genus <i>Billingiastraea</i>	4798	
DeWoody, Robert T., noise from pneumatic rock drills, muffler designs	5491	
Diamonds:		
artificial, in Ukrainian industry	5223	
tools, difficulties in manufacture	5038	
Diaphragms, sulfate cycle electrolytic cell	5615	
Di Chiro, Giovanni, axial transverse encephalography, new concept in pneumocephalographic interpretation	5553	
Dickenson County, Va., coal, carbonizing properties	5496	
Dickey, Harold P., soil survey, Morton County, Kans.	5694	
Dickson, Archie L., jr., relief	4449	
Dietitians, examination announcement	4399	
Differentiation (biology):		
role of nucleic acids, USSR studies	4904	
Diffusion:		
gases in atmosphere, determination of parameters, Czechoslovak study	5081	
surface cesium coatings on tungsten	5500	
Digests, <i>see</i> names of departments, etc., issuing digests— <i>also</i> subjects.		
Digital computers, <i>see</i> Electronic computers.		
Direct energy conversion, <i>see</i> Energy conversion.		
Directories:		
community wage surveys, 1948-June 1963	5440	
federally financed student loans, fellowships and career training programs in field of higher education	4493	
International Confederation of Free Trade Unions	4870	
library education directory 1962-63	4624	
market news reports, Federal-State-science and technology, checklist	5455	
State supervisors of pupil transportation	4647	
State supervisors of trade and industrial education	4617	
teacher trainers of trade and industrial education	4618	
Disabled, impairments due to injury, July 1959-June 1961	5666	
Disabled American Veterans, report, 1963 convention	4444	
Disarmament, national strategy, security, and arms control	4276	
Disasters, loans to small business, broaden causal basis, report	4464	

INDEX

	Entry		Entry
Discrimination, <i>see</i> Race problems.		Drills (tools):	
Discrimination in employment, equal employment opportunity act, report	4565	noises from pneumatic rock drills, testing muffler designs	5491
Diseases:		Droughts, Southwest, 1942-56	4787
human chromosomal, USSR study	5333	(series)	
publications, price list	5643	Drug Abuse, President's Advisory Commission on Narcotic and, <i>see</i> President's Advisory Commission on Narcotic and Drug Abuse.	
<i>see also</i> Diseases of plants.		Drugs:	
Diseases of animals, <i>see</i> names of diseases or animals affected.		abuse, President's Advisory Commission, report	5636
Diseases of fish, paratifauna of pond-raised carp, USSR study	4917	F.D.C. regs.	4749
Diseases of plants, biological controls for insects and diseases on agricultural crops, hearing	4485	proceedings of National Conference on Pharmaceutics held in Bucharest, Bulgaria	5076
Dislocations in crystals, <i>see</i> Crystallography.		DSA, <i>see</i> Defense Supply Agency.	
Dissociation, ion dissociation in drift tube of time-of-flight mass spectrometer	4228	Ductility, bending in ionic crystals, mechanism	5527
Distilled spirits, <i>see</i> Liquors.		Duke, George B., effects of close-row spacings on peanut yield, etc.	4220
Distribution (economics):		Durham, David L., geology of Reitz Canyon, Thompson Canyon, and San Lucas quadrangles, Monterey County, Calif.	4776
making sales figures talk	5683	Durham, Monte, Court of Appeals rule, amend criminal statutes of D.C., hearings	4579
District Courts:		Durham, N.C., consumer expenditures and income, 1961	5427
judiciary and judicial procedure, D.C. code of laws, text, revision notes, etc.	4503	Dust, copper precipitator, laboratory smelting	5483
Texas, transfer Austin, Fort Bend, and Wharton Counties to Houston division, report	4528	Duties, <i>see</i> Tariff.	
District of Columbia:		Dworsky, Leonard B., address, Oct. 8, 1963	5648
appropriations, 1964, law	4421	Dynamics, touchdown analysis of spacecraft for soft lunar landing	5510
budget, 1965—		E	
departmental edition	4323	Eagan, C. J., rectal temperature of working sled dog	4250
document edition	4440	Eagle-Picher Co., zinc-lead mines, loading, etc.	5477
code of laws, judiciary and judicial procedure, text, revision notes, etc.	4503	Ear:	
crime legislation, hearings	4579	central factor in pure tone auditory fatigue	4317
electric rate book	4707	sensitivity to unidirectional frequency modulation	5463
horizontal property act, hearings	4578	Earth:	
public school finance program, 1962-63	4636	crustal structure in transition zone from Antarctic Continent to Indian Ocean, geophysical investigation, USSR study	5202
regulation of securities sales; report	4469	stratification of earth's crust and upper mantle, USSR study	5200
District of Columbia Committee, House, report	4460	Earth sciences, <i>see</i> Science.	
District of Columbia Committee, Senate, hearings	4578-79	Earths:	
Dixon Entrance to Cape Spencer, coast pilot, supplement	4405	fluid movement in earth materials (series)	4789
Documents, <i>see</i> Government publications.		manual, guide to use of soils as foundations, etc.	5672
Documents Office, <i>see</i> Public Documents Division.		Earthwork and structures, earth manual, guide to use of soils	5672
DOD pamphlet	4275	East (Far East):	
Dogs:		oriental arts, Islam and the East	4751
acute radiation sickness, humoral component in effect of bone marrow transplantation, USSR study	4905	East (Middle East):	
working sled, rectal temperatures	4250	oriental arts, Islam and the East—translations - 4952, 5120, 5163, 5305, 5405	4751
Dolan, Dorothea L., State mental health planning grant proposals, 1963	5555	East (Near East):	
Dollars, role in expanding world markets (remarks)	4718	oriental arts, Islam and the East	4751
Dowling, Bernice D., census of governments 1962, finances of school districts	4344	East Asia, <i>see</i> Asia.	
Doyle, Clyde G., memorial services	4415	East Europe, <i>see</i> Europe.	
Dragovich, Alexander, counts of red-tide organisms, Gymnodinium breve, etc., Florida west coast, 1960-61	4745	Eastern Utilization Research and Development Division, publications and patents, list	4192
Drawbacks, tax on nonbeverage distilled spirits	4846	Eastlake, Mary G., relief	4450
Drawings:		Echinoderms, polyspermy-blocking mechanism, USSR study	4978
engineering, general drawing practice, military standards	4605	Eckerson, Louise O., pupil personnel services	5450
revision of, military standard	4606		
Dried foods, freeze-drying cost projections	4210		

	Entry		Entry
Eclipses, solar flux measurements, July 20, 1963-----	4231	Education and Labor Committee, House: committee print-----	4493
Economic conditions:		hearings-----	4494
economic reports-----	4326-34	report-----	4457
mobility and worker adaptation to economic change in U.S.-----	5418	Education Office:	
report of the President to Congress-----		bulletin 1963 (series)---	4616, 4644, 4651
departmental edition-----	5635	circulars-----	4625, 4649
document edition-----	4442	miscellaneous series-----	4626-27
<i>see also</i> names of countries, States, etc.		publications, 1963-----	4644
Economic Joint Committee, hearings-----	4424	publications in secondary education-----	4631
Economic poisons, <i>see</i> Pesticides.		special publication-----	4645
Economic policy:		Educational boards and departments:	
new era of economic challenge (remarks)-----	4412	State directors of programs for gifted and talented, conference report-----	4651
USSR, international economic relations, translations-----	5168, 5402	State special education personnel-----	4646
USSR system, translations-----		Educational institutions, <i>see</i> Colleges and universities.	
current developments-----	4885, 4984, 5103, 5210, 5321	Educational Media Branch, Education Office, program and publications-----	4620
structure and policy-----	4956, 5018, 5034, 5291, 5385	Efferent nerves, <i>see</i> Nerves.	
Economic research (Chinese periodical):		Eggs, plants operating under inspection and grading programs, list-----	4177
translations-----	5260	Elections, President and Vice President, financing transition period between administrations, report-----	4526
Economic research (North Vietnam periodical):		Electric aparatus and appliances: engineered performance standards handbook-----	5773
translations-----	5272	USSR industrial development, translations --5062, 5109, 5118, 5302, 5401	
Economic Research Service:		Electric batteries, sea-water battery plus tunnel diode converter as power source-----	5606
agricultural economic reports---	4611-13	Electric breakdown, <i>see</i> Electric discharges.	
Agricultural Economics periodic reports-----	4218	Electric conductivity:	
foreign agricultural economic report-----	4614	atmospheric, measurements in Shenandoah National Park, Va-----	5612
Economics:		electron ppectrum of superconducting compounds, special features-----	4902
apprenticeship and economic change-----	4274	in-pile Hall coefficient and conductivity measurements on zone-refined P-type silicon-----	5591
Kiev administrative region, specialized and overall development. USSR system-----	5023	Electric discharges, initiation of electrical breakdown in vacuum---	5599
current developments, translations -- 4885, 4984, 5103, 5210, 5321		Electric energy, <i>see</i> Electricity.	
structure and policy, translations -- 4956, 5018, 5034, 5291, 5385		Electric equipment, <i>see</i> Electric apparatus and appliances.	
ECPD, <i>see</i> Engineers Council for Professional Development.		Electric fields, atmospheric, measurements in Shenandoah National Park, Va-----	5612
Ecuador, labor law and practice-----	5433	Electric power, <i>see</i> Electricity.	
Education:		Electric power plants, dispersion of discharges in atmosphere, method for calculations, USSR study-----	4912
acts of 1963, selected, compilation-----	4590	Electric transformers, power and distribution, transformer industry, review of 1963, outlook for 1964-----	4331
application of cybernetics to pedagogy, Rumanian study-----	5031	Electrical, <i>see</i> headings beginning Electric.	
challenge in attacking causes of juvenile delinquency (speech)-----	5762	Electricians:	
Communist China, science and technology, need to strengthen training in fundamental techniques-----	4936	aviation electrician's mate 1 & C, Navy training course-----	5580
educational media program-----	4620	construction, 3 & 2, Navy training course-----	5581
exceptional children and youth-----	4646	Electricity:	
NASA programs, hearings-----	4568	atmosphere above exchange layer---	5518
national defense education act-----		direct conversion of chemical energy into electrical energy, problem-----	5531
Federal grants, inadequacies in administration, GAO report-----	4763	electric power and electrotechnical industries, of USSR, development-----	5000
language institutes program, 1964-65-----	4629		
pedagogical science, CPSU, new program and problems-----	5363		
programs for gifted and talented, State resources and responsibilities, conference report-----	4651		
special, personnel in State education departments-----	4646		
USSR, translation-----	5176		
why continuing programs for women?-----	5770		
<i>see also</i> Colleges and universities—Curriculum—Personnel services in education—Secondary education—Technical education— <i>also</i> subjects taught.			

INDEX

	Entry		Entry
Electricity—Continued		Emission, field, charging of metallic colloids	5516
national electric rate book	4703-9	<i>see also</i> Electrons.	
rural, borrowers, 1962 statistical report	5675	Employees' Compensation Appeals Board, decisions, July 1, 1962—June 30, 1963	4654
typical bills, residential, commercial and industrial services	4702	Employers:	
USSR power, translations	4945, 5088	contributions into joint industry promotional funds, hearings	4494
Electrolytic cells, sulfate cycle, diaphragms for	5615	records kept under fair labor standards act	
Electromyography of human skeletal muscle tone in normal and pathological state	5096	general requirements	5750
Electron tubes, cross index and type identification, military standardization handbook	4604	miscellaneous exemptions, etc.	5751
Electronic computers:		rights and limitations during union organizational campaigns (address)	5561
analog, approach to V/STOL simulation employing variable-stability helicopter	5509	Employment:	
arrangement of intermediate information when computing on nonerasing Turing machines	4922	career, in National Park Service	5566
BOUMAC, macro-programming system for scientific computation	5549	equal employment opportunity act, report	4565
calibrating and testing gravity model	5669	Federal, jobs overseas	4391
digital, mathematical modeling of some technological processes	5355	job tenure of American workers, Jan. 1963	5447
digital system of storing and retrieving information (AI-2048), excerpts from USSR book	5244	manpower resources of Nation, training and utilization, hearings	4589
programming, NELIAC-N tutorial report	5610A	multiple jobholders in May 1963	5449
technology and cybernetics, USSR study	5113	smaller communities program in operation	4660
Electronic data processing systems; equipment, excessive cost of leasing compared with buying at Kirtland Air Force Base, GAO report	4758	summer, temporary, extend apportionment requirement, hearing	4591
materials property development	4225	<i>see also</i> Farm labor—Labor—Women.	
Electronic equipment, engineered performance standards handbook	5773	Employment Security Bureau, BES series	4656
Electronics:		Employment taxes, IRS looseleaf regulations system	4836
East European scientific abstracts	4966, 5070, 5196, 5232	Encephalography, axial transverse, new concept in pneumocephalographic interpretation	5553
Introduction, Navy training course—semiconductor technology and microelectronics, USSR study	5307	Endotoxins, poisoning, implication of tryptophan pyrrolase	4248
USSR scientific abstracts	5169	Energy, <i>see</i> Radiant energy.	
Electrons:		Energy conversion:	
emission, field, Soviet research 1960-63, annotated bibliography	5550	direct, chemical energy into electrical energy, problem	5531
ionospheric density, use of hf lunar reflection circuit in study	5609	sea water battery plus tunnel diode converter as power source	5606
spectrum, special features of superconducting compounds	4902	Engineered performance standards:	
Electrotechnical industries of USSR, development	5000	electrical electronic handbook	5773
Elk River, Idaho, metamorphism of Belt series in area	4784	engineer's manual	5774
Ellington, Jesse L., relief	4445	paint formulas	5775
Ellyett, C., radar investigation of meteors at high rates of detection	5522	paint handbook	5776
Elman, Phillip, nomination, hearings	4576	Engineering:	
El Paso, Tex.:		East European scientific abstracts	4966, 5070, 5196, 5232
relocation of Rio Grande, convention with Mexico, implement—hearings	4580-81	equipment, preventive maintenance indicators for commanders, Marine Corps manual	5460
reports	4521, 4566	physics, journal, translations	5320, 5327
El Salvador, <i>see</i> Salvador.		public works maintenance, engineered performance standards, manual	5774
Elton, R. C., stark profile measurement of Lyman- α and Lyman- β lines of hydrogen	5608	technology, 2-year college programs, ECDF accredited, 1963	4619
EM series	4604-69	USSR scientific abstracts	5169
Embrittlement, <i>see</i> Fracture of metals.		<i>see also</i> Aeronautical engineering—Human engineering—Nuclear engineering.	
Emergency board report, United Air Lines, Inc.	4653	Engineers, labor market conditions, semiannual study	4657
Emergency Planning Office, memorandum of understanding with Civil Defense Office	4366	Engineers Corps, Army, manuals	4664-69
		Engineers Corps Board of Contract Appeals, digest of decisions	4663
		Engineers Council for Professional Development, accredited programs, 1963, engineering technology	4619
		Engines (aircraft):	
		KC-135A heavy weight 3 engine performance test	4232

MARCH 1964

	Entry
Engines (aircraft)—Continued	
space reciprocating, failure of Air Force to separate accessories from, GAO report-----	4767
test stands modification, overestimated costs under fixed-price contracts with Air Force Department, GAO report-----	4768
England, <i>see</i> Great Britain.	
English language :	
English teaching forum, facts and ideas for teacher of English as foreign language-----	5734
oral, conversation classes and discussion groups, planning and conducting-----	5737
teaching forum, facts and ideas for teacher of English as foreign language-----	5733
teaching study unit, Ralph Bunche, world servant-----	5735
Entropy, akermanite, cordierite, gehlenite, and merwinite-----	5489
Entry into atmosphere, <i>see</i> Atmospheric entry.	
Environment :	
controlled, clean room and work station requirements, Federal standards-----	4723
health programs of Public Health Service, career information-----	5652
space, lubrication requirements-----	4253
<i>see also</i> Life support systems.	
Environmental and chemical hazards (series)-----	5419
Epidemiologists, standardization of work, USSR-----	4948
Epidemiology, reports from the world press-----	5172
Equal Employment Opportunity Administration, establish, report-----	4565
Equal Employment Opportunity Board, establish, report-----	4565
Equal Employment Opportunity Commission :	
establish-----	
hearings-----	4502, 4507
report-----	4479
Equations :	
governing, for radiation-resisted shock waves, direct solution-----	5519
hydrodynamic, forecasting atmospheric pressure fields, USSR study-----	4960
nonlinear systems, numerical method for transient response-----	5589
ER series-----	4326-34
Escalator clause, <i>see</i> Wages.	
Espionage, laws, administration, investigation, expenses, report-----	4558
Esters, high-toxic organic phosphoric acid, analysis, Hungarian study-----	5257
Etkin, Seymour, deep-sea domestic waterborne traffic, 1957-61-----	4874
Eulogies, <i>see</i> Memorial services.	
Europe :	
Eastern—	
agriculture, forestry, and food industries, translations-----	4919, 4944, 5124, 5185, 5213, 5227, 5318, 5395.
economic organization and management, translations-----	4928, 4995, 5083, 5181, 5215, 5379
export sales of U.S. agricultural commodities, opinion of Attorney General-----	5415
foreign trade, translations-----	4925, 4972, 5186, 5258, 5362
heavy industry, translations-----	5187, 5219, 5316
legal journals, abstracts-----	4893, 5037, 5063, 5261, 5404

	Entry
Europe—Continued	
Eastern—Continued	
materials industries, translations-----	4931, 5059, 5218, 5278, 5292, 5411
military information, translations-----	5026, 5039
political translations-----	5311, 5365
scientific abstracts-----	4963-67, 4975-76, 5019, 5035, 5070, 5104-5, 5110, 5149, 5162, 5184, 5196, 5201, 5207, 5224, 5226, 5231-32, 5249, 5254, 5274-75, 5293, 5298, 5317, 5326, 5338, 5348, 5353, 5371-72, 5397-98, 5407.
service industries, translations-----	4920, 5008, 5064, 5148, 5190, 5230, 5290, 5319, 5332, 5375.
sociological translations-----	5189, 5312, 5358
market indicators-----	4850
new dimension in Atlantic partnership (address)-----	5698
west coast, lights and fog signals, list-----	5578
Evaporation :	
rates, organic lubricants in vacuum-----	5517
surface energy balance in arid lands agriculture-----	4219
Everett, Floyd D., tellurium resources in Arizona, etc-----	5493
Everett, N. B., cell proliferation in adrenal of control and cold exposed rats-----	4247
Evidence, testimony by employees and production of records in legal proceedings, Federal aviation regulations, change-----	4683
Ewing, C. T., high temperature properties of sodium and potassium-----	5614
Examinations, <i>see</i> Civil service— <i>also</i> type or subject of examination.	
Examiners, <i>see</i> Hearing examiners.	
Excess property, <i>see</i> Surplus property.	
Excise taxes, IRS looseleaf regulations system-----	4837
Executive departments, <i>see</i> Government supplies.	
Executive Papers, Joint Committee on Disposition of, reports-----	4463, 4481
Expenditures :	
consumer expenditures and income—	
Durham, N.C., 1961-----	5427
Green Bay, Wis., 1961-----	5428
Ketchikan, Alaska, 1960-----	5426
Expenditures of United States Government, combined statement, 1963-----	4175
Explosions, <i>see</i> Mine explosions—Nuclear explosions.	
Explosives :	
rock, decoupling effect on explosion-generated strain pulses-----	5481
testing, abatement of noise-----	5494
Exports :	
expansion, challenge to businessmen, (remarks)-----	4414
information for American business, reports prepared by Foreign Service, list-----	4868
national expansion program (remarks)-----	4413
strengthening promotion activities at home (address)-----	4410
Exposure, <i>see</i> Cold.	
Eyes, perception of depth from binocular disparity-----	4313

INDEX

	Entry		Entry
F.A.A., <i>see</i> Federal Aviation Agency.		Federal Aviation Agency—Continued	
F.C.A., <i>see</i> Farm Credit Administration.		efficiency and economy in operations, report.....	4452
F.C.C., <i>see</i> Federal Communications Commission.		FAA handbook series.....	4680
F.D.C. regs.....	4749	Federal aviation regulations.....	4681-83
F.H.A., <i>see</i> Federal Housing Administration.		technical standard order TSO (series).....	4684
F.P.C. R series.....	4702	Federal buildings, <i>see</i> Public buildings.	
FAA, <i>see</i> Federal Aviation Agency.		Federal civil defense guides.....	4366-70
Fabrics, <i>see</i> Textiles.		Federal Coal Mine Safety Board of Review, reconstitute, report.....	4457
Facts about USIA audience, the world.....	5736	Federal Communications Commission:	
Fahnestock, Robert K., morphology and hydrology of glacial stream, White River, Mount Rainer, Wash.....	4791	prohibit from making rules rel. broadcast advertising length, etc., report.....	4483
Fair labor standards act, <i>see</i> Labor standards.		report, 1963.....	4686
Fairs, U.S. trade, show world, sell world.....	4849	Federal deposit insurance act, <i>see</i> Banks and banking.	
Fallout, <i>see</i> Radioactivity.		Federal Deposit Insurance Corporation:	
Families:		deposits and share accounts, increase maximum coverage for each depositor, report.....	4465
characteristics of long-term unemployed, 1961-62.....	4656	member, nomination of Joseph W. Barr, hearing.....	4574
coordination in location of absent parents of children receiving aid.....	4672	Federal employees, <i>see</i> Government officials and employees.	
food budgeting for good meals and good nutrition.....	4204	Federal expenditures, <i>see</i> Finance.	
rural, major health problems.....	5655	Federal Fire Council:	
Farber, David J., apprenticeship and economic change.....	4274	fire experience, 1962.....	4773
Farm buildings, cooperative farm building plan exchange (series).....	4214-15	minutes of meeting, Nov. 6, 1963.....	4772
Farm Credit Administration, audit, 1963, GAO report.....	4754	Federal Housing Administration:	
Farm implements and machinery: requirements for closely spaced peanut plantings.....	4220	minimum property standards for urban renewal rehabilitation.....	4699
USSR industrial development, translations.....	4916, 4953, 5014, 5036, 5052, 5180, 5222	FHA regulations.....	4695-96
Farm labor, your guide to farm jobs, Intermountain States.....	4662	report, 1962.....	4691
Farm ponds, <i>see</i> Fish ponds.		Federal land bank associations, report, 1963.....	4673
Farmers:		Federal Maritime Commission:	
major health problems.....	5655	activities (address).....	4701
publications, list.....	4830	report, 1963—	
self-employed, social security information.....	5688	departmental edition.....	4700
<i>see also</i> Farmers' cooperative organizations.		document edition.....	4443
Farmers' bulletins.....	4199-4202	SP series.....	4701
Farmers' cooperative organizations, farm business tools.....	4196	Federal Power Commission:	
Farms:		nomination of David S. Black, hearings.....	4576
planning, for profit and stability.....	4199	R series.....	4702
vegetable gardens.....	4203	Federal property and administrative services act, <i>see</i> Public property.	
Fatigue:		Federal regulations, <i>see</i> Code of Federal regulations.	
auditory, pure tone, central factor—physical, mitigation with spartase.....	4317	Federal reserve banks, State member banks, 1963, list.....	4719
physical, mitigation with spartase.....	4314	Federal reserve member banks, reserves of member banks, regulations, amdt.....	4717
Fatigue of materials, <i>see</i> Strains and stresses.		Federal reserve system:	
Fatty acids, progressively fluorinated, behavior of monolayers adsorbed on water.....	5592	accomplishments (statement).....	4720
Fay, Elmer R., sr., relief.....	4447	open market policy process.....	4716
FCA, <i>see</i> Farm Credit Administration.		Federal Reserve System Board of Governors, regulation series.....	4717
FCC, <i>see</i> Federal Communications Commission.		Federal savings and loan associations: investment powers, broaden, report—rules and regulations.....	4467
Fecundity, fish fertility and roe size, USSR study.....	4917	Federal Savings and Loan Insurance Corporation, deposits and share accounts, increase maximum coverage for each depositor, report.....	4465
Federal agencies, <i>see</i> Government offices.		Federal service, <i>see</i> Civil service.	
Federal aid, <i>see</i> Grants-in-aid.		Federal specifications, <i>see</i> Government supplies.	
Federal Aviation Agency:		Federal standards.....	4722-24
civil air regulations—		Federal stock number reference catalog.....	4725
amendments.....	4675, 4676-78	Federal supply catalog.....	4601
contractions used in air traffic control, etc., handbook.....	4267	Federal Trade Commission:	
		guides against deceptive pricing—nominations of John R. Reilly, Philip Elman, hearings.....	4726
			4576

	Entry		Entry
Federal Trade Commission—Continued organization, procedures, rules of practice, and statutes-----	4727	Fish and Fisheries—Continued	
Federal Water Pollution Control Administration, establish, report-----	4530	formation of conditioned reflex response to magnetic field in fish-----	5533
Fees, day care services-----	4357	freshwater fish distribution, USSR study-----	4917
Ferrimagnetic materials, <i>see</i> Magnetic materials.		Saltonstall-Kennedy act, amended, excerpts-----	4735
Ferris, Richard T., storing fruits and vegetables on pallets in wholesale warehouses-----	4209	Soviet studies on fish-----	5380
Fertility, <i>see</i> Fecundity.		special scientific reports, fisheries series-----	4740-45
Fertilizers, transport of mineral fertilizers, etc., USSR studies-----	5069	taxonomic analysis, role of otoliths, USSR study-----	4979
FHA, <i>see</i> Federal Housing Administration.		TVA, valuable natural resources-----	5720
Field measurement of alkalinity and pH-----	4805	USSR, developments-----	5296
Figge, I. E., residual static strength of titanium and stainless-steel alloys-----	5514	zoobenthos and nutrition of benthophagous fish in Lake Dalaynor, Chinese People's Republic-----	5001
Filter paper, with and without pinholes, aerosol penetration-----	4297	<i>see also</i> names or classes of fish.	
Filters and filtration: carbon filter for color removal from surface waters-----	4242	Fish and Wildlife Service: circulars-----	4728
distillate fuels filterability, effect of fuel viscosity, etc-----	5610	refuge leaflets-----	4737
Finance: Communist China, translations-----	4934, 4957, 4991, 5061, 5241, 5352, 5391.	SL series-----	4738-39
Federal contributions for civil defense personnel and administrative expenses-----	4369	special scientific reports— fisheries series-----	4740-45
governmental, census of governments, 1962-----	4344	wildlife series-----	4746
materials on management, listing from marketing information guide-----	4335	Fish ponds, pond-raised carp, parasitofauna infestation, USSR study-----	4917
public school finance program, 1961-62, Puerto Rico-----	4633	Fisheries, <i>see</i> Fish and fisheries.	
public school finance program, 1962-63-----	4634	Fission products, variation in content of cystoseira in Black Sea, USSR study-----	5028
American Samoa-----	4634	Flags: our flag, story, etc-----	4429
Canal Zone-----	4635	State flags, reproductions-----	4429
District of Columbia-----	4636	Fleet, <i>see</i> Navy.	
Guam-----	4637	Fleet Marine Force manual FMFM series-----	5459
Maine-----	4638	Flies, RNA variations in giant chromosomes of Chironomus dorsalis during metamorphosis, USSR study-----	4980
Maryland-----	4639	Flight: information manual— amendment-----	4269
New Jersey-----	4640	international, amdt-----	4270
North Carolina-----	4641	pressure measurements on forward fuselage compared with wind-tunnel data and theory-----	5521
North Dakota-----	4642	training, air navigation, Air Force manual, change-----	4235
Virgin Islands-----	4643	Flight simulators, analog computer approach to V/STOL simulation employing variable-stability helicopter-----	5309
receipts and expenditures of U.S., combined statement, 1963-----	4175	Flint, Mich., water resources of area-----	4801
school districts, census of governments, 1962-----	4344	Floods: floods of 1956 (series)-----	4803
<i>see also</i> Accounts and accounting.		United States, magnitude and frequency— Cumberland and Tennessee River basins-----	4816
Fire protection, <i>see</i> Fires.		lower Mississippi River basin-----	4817
Fires: Federal Fire Council, staff program management, related to fire safety-----	4772	Pacific slope basins in Oregon and lower Columbia River basin-----	4818
Federal fire experience, 1962-----	4773	United States, 1956, summary-----	4803
safety and fire protection bulletin, VA-----	5743	Florida, eastern, coastal warning facilities chart, 1964-----	5756
Fish and Fisheries: Bureau of Commercial Fisheries research vessel, George B. Kelez, activation-----	4731	Flow: fluid— amplification of jet attachment distance as function of adjacent wall offset and angle-----	5628
commercial fisheries outlook, general fishery situation-----	4734	movement in earth materials (series)-----	4789
commercial fisheries review, separates-----	4729-33	studies of flow in alluvial channels (series)-----	4799
development of John N. Cobb, pelagic trawl, progress report-----	4730	Fluhr, F. R., four-frequency master radar console-----	5590
fishery leaflets-----	4734-36	Fluid flow, <i>see</i> Flow.	
fishery products, wholesale dealers, list— Iowa-----	4739	Fluids, multiphase, in porous media, theories pertinent to hydrologic studies-----	4789
Minnesota-----	4738		
foreign, fisheries briefs-----	4733		

INDEX

	Entry		Entry
Fluorine, compounds partially fluorinated additives effect on wettability of solid polymers.....	5601	Forests and forestry—Continued	
Fluorspar, production, etc., 1963, preliminary report.....	5471	forest conservation, list of publications.....	5641
FMC SP series.....	4701	Formosa, labor conditions in Taiwan.....	5444
Fodder, <i>see</i> Food for livestock.		Forms (concrete construction), <i>see</i> Molds (forms).	
Fog signals, Naval Oceanographic Office, list.....	5578	Forms, blanks, etc., management guide, change.....	5624
Fontana, Anthony, flight investigation of solar orientation control system for spacecraft.....	5506	Forry, M. J., thermal stresses and deflections in rectangular panels.....	4227
Food:		Fort Bend County, Tex., transfer from Galveston division to Houston division of southern district of Texas, report.....	4528
consumption of selected items in U.S. households.....	5649	Fort Town (ferry boat):	
East European industries, translations.....	4919, 4944, 5124, 5395	admit to American registry.....	4523
F.D.C. regs.....	4749	Fossils, contributions to paleontology (series).....	4798
family budgeting for good meals and good nutrition.....	4204	Fott's textbook on algology and problems connected with Soviet survey on algae, USSR.....	5409
Rumanian industry, development under 6-year plan, 1959-65.....	5190	Four-frequency radar master console.....	5590
<i>see also</i> Dried foods.		Fowler, Henry H., remarks, Jan. 14, 1964.....	5732
Food and Drug Administration, F.D.C. regs.....	4749	Fox, Bernard H., alcohol and traffic safety.....	5552
Food for fish:		FPC R series.....	4702
benthophagous fish in Lake Dalaynor.....	5001	Fracture of metals:	
trout feeds and feeding.....	4728	heat-treated 4340 steel, effect of fatigue crack on notch strength and fracture development.....	5588
Food for livestock, preparation and preservation of fodder, USSR studies.....	5152	low-stress brittle fracture in mild steel.....	5677
Food processing:		neutron embrittlement of reactor pressure vessel steels.....	5613
freeze-drying cost projections.....	4210	Fredericksburg Magnetic Observatory, magnetograms and hourly values.....	4402
sweeteners used by U.S. industries.....	4613	Freeze-drying of foods, cost projections.....	4210
Food service facilities, <i>see</i> Restaurants, lunchrooms, etc.		Freight forwarders, transport statistics, 1962.....	4881
Foot-and-mouth disease, foreign threat to U.S. livestock.....	4217	Freight rates, cost of transportation by class 1 and 2 motor common carriers, New England region, 1962.....	4872-73
For commanders, this changing world.....	4276-77	French, Robert R., activation of Bureau of Commercial Fisheries research vessel George B. Kelez.....	4731
Foreign Affairs Committee, House: committee prints.....	4495-96	Frequency modulation, <i>see</i> Radio frequency modulation.	
hearings.....	4497	Fresh water fishes, <i>see</i> Fish and fisheries.	
investigations and studies, U.S. foreign policy, expenses, report.....	4472	Frogs:	
Foreign agriculture, <i>see</i> Agriculture.		labyrinthine efferent impulses.....	4259
Foreign aid:		oocytes, nuclear structures, investigation, USSR study.....	5269
civic action, military role in nation building.....	4277	Rana temporaria, oocytes, localization of nucleoprotides, detection by means of ultraviolet and luminescent microscopy, USSR study.....	5007
controversy and reality (remarks)—program, 1964, background material.....	4495	Front Range, Colorado, altered wall-rocks in central part of mineral belt.....	4795
Foreign countries:		Frozen foods, <i>see also</i> names or classes of foods frozen.	
designation used in compiling U.S. foreign trade statistics, code classification.....	4353	Fruit:	
women in high-level elective and appointive positions in national governments.....	5765	official grade standards and inspection.....	4182
<i>see also</i> Foreign aid.		search for hardier fruits.....	4188
Foreign currencies, <i>see</i> Money.		storing fruits and vegetables on pallets in wholesale warehouses.....	4209
Foreign exchange, regulations governing operations.....	5729	Fuel:	
Foreign fisheries briefs.....	4733	distillate, filterability.....	5610
Foreign languages, <i>see</i> Language and languages.		Federal supply catalog, management data list, change.....	4601
Foreign policy, <i>see</i> International relations.		industry, Communist China, translations.....	4399, 5265
Foreign Relations Committee, Senate: committee print.....	4582		
hearings.....	4580-81		
investigations and studies, U.S. foreign policy, extension, report.....	4544		
reports.....	4544, 4551, 4566		
Foreign trade, <i>see</i> Commerce— <i>also</i> names or classes of commodities.			
Forestry, <i>see</i> Forests and forestry.			
Forests and forestry:			
East European industries, translations.....	4919, 4944, 5124, 5395		
5185, 5213, 5227, 5318, 5395			

	Entry		Entry
Fulkerson, Frank B., economic aspects of silver production in Coeur D'Alene mining region.....	5476	Geography, acta geographica Sinica, translations	5021
Fumigation, sulfur dioxide, grapes loaded in railway refrigerator cars	4211	Geological Survey: bulletins	4775-81
Fungicides, Federal insecticide, fungicide, and rodenticide act, amend, report.....	4480	long range plan for resource surveys, investigations and research programs	4782
Fur seals, <i>see</i> Seals (animals).....		professional papers	4783-98
Furnaces, forced warm air, industry review of 1963, outlook for 1964	4333	water supply papers	4799-4824
Furniture, industry expansion in Tennessee Valley	5721	Geologists, examination announcement	4397
G			
G-force, <i>see</i> Gravity.....		Geology: Antelope-Ashwood area, Oreg.....	4778
Gages, <i>see</i> Height gages.....		Bulgarian Academy of Science, Geological Institute, services, etc.....	5158
Galactosemia, bibliography.....	4358	Camp Ripley Military Reservation, Morrison County, Minn.....	4813
Galberry, H. S., soil survey, Panola County, Miss.....	5695	Cerro Gordo mining district, Inyo County, Calif.....	4788
Gardens: home and garden bulletins.....	4203-4	contributions to economic geology (series)	4781
suburban and farm vegetable gardens	4203	contributions to general geology (series)	4775-78, 4780
Garren, John F., jr., analog computer approach to V/STOL simulation	5509	geologic factors, effects on streamflow of Yakima River basin.....	4807
Gas: exploratory well in Azerbaydzhan, USSR study.....	5344	Jarbridge quadrangle, Nev.-Idaho.....	4775
explosions, experimental.....	5490	Jefferson City quadrangle, Mont.....	4793
gasification of coal, underground, bibliography	5472	McMullen Valley, Ariz.....	4811
natural, effect of concentration on ignitibility of gallery atmospheres	5487	Mount Rainier National Park, Wash.....	4796
<i>see also</i> Pipe lines.....		Reliz Canyon, Thompson Canyon, and San Lucas quadrangles, Monterey County, Calif.....	4776
Gases: compressed, use and handling.....	5419	Savannah area, Ga.-S.C.....	4808
diffusion parameters in atmosphere, Czechoslovak study	5081	southern Black Hills pegmatites.....	4783
<i>see also</i> Mine gases.....		Soviet, aerial surveying and geology	5387
Gasification, <i>see</i> Gas.....		uranium-bearing veins in conterminous, U.S.....	4797
Gasoline, motor, petroleum products survey	5479	<i>see also</i> Carboniferous period—Devonian period—Hydrogeology.....	
Gast, R. T., mechanical devices to expedite boll weevil rearing in laboratory	4189	Geophysics: earth's crust in transition zone from Antarctic Continent to Indian Ocean, structure investigation	5202
Gastrointestinal tract, diseases, nitrogen balance of infants fed on foalite milk	5027	instrumentation for research	4254
Gateway, J. S., drought effects on water resources of Southwest.....	4787	George B. Kelez (research vessel): Bureau of Commercial Fisheries, activation	4731
Gears, propulsion reduction, purchased from Westinghouse Electric Corp., Sunnyvale, Calif., excessive price paid by Navy Dept., GAO report.....	4759	Georgia: salt-water encroachment, geology, and ground-water resources of Savannah area.....	4808
Gehlenite, low-temperature heat capacities and entropies at 298.15° K.....	5489	sediment transported by streams.....	4812
General Dynamics Corporation, TFX contract investigation, hearings	4584	Geothermal energy, steam deposits, issuance of leases, hearing.....	4586
General Services Administration: administrator to sell part of Chell Air Force Station to Chanslor Western Oil & Development Co., report.....	4543	Germanium, heated to temperatures in evaporation range, simultaneous contamination and conversion effects.....	5607
Federal records management, clarify authority, report.....	4548	Germany: Democratic Republic, <i>see</i> , below, Soviet Zone.....	
report, 1963.....	4771	East, <i>see</i> , below, Soviet Zone.....	
sites for Federal buildings, acquisition, information	4774	Federal Republic—Economics Ministry, research and development activities.....	5572
Genetics, molecular and radiation, effect on heredity, USSR studies	4895	new dimension in Atlantic partnership (address).....	5698
Gentry, Dwight L., bakery products, bibliography	5679	rehabilitation practices.....	5749
Geobotany, <i>see</i> Phytogeography.....		Soviet Zone—cybernetics in sciences, engineering and economy.....	5245
Geochemistry of water (series).....	4805	penitentiaries	5406
		Gilmore, Volt: remarks—Jan. 22, 1964.....	5739
		Jan. 27, 1964.....	5740
		Gilpin County, Colo., altered wallrocks in central part of Front Range mineral belt.....	4795
		Ginning, <i>see</i> Cotton gins and ginning.....	
		Glaciers, morphology and hydrology of glacial stream.....	4791

INDEX

	Entry		Entry
Glass, <i>see</i> names of manufactured articles and materials.		Government publications:	
Gleeson, Geraldine A., impairments due to injury by class and type of accident.	5066	price lists, Public Documents Division, PL series	5642-43
Glover, Robert E., dispersion of dissolved or suspended materials in flowing streams.	4794	publications management, naval establishment	5627
Glucose, oral tolerance responses in males as to carles experience and periodontal status.	4260	subscription services, price lists	5642
Gnoseology, Marxist-Leninist, and problem of sign and meaning, USSR study.	5139	when digging for facts uncover government publications	5644
Goddard, Robert H., memorial statue, erect, hearings.	4510	<i>see also</i> names of departments, etc., issuing publications— <i>also</i> subjects.	
Gogel, Walter C., perception depth from binocular disparity.	4313	Government supplies:	
Gold, mining industry revitalization act, hearing.	4587	Federal specifications	4721
Gorgas Memorial Laboratory, report, 1963.	4437	Federal standards	4722-24
Gor'kly Milling Machine Plant, improvements and innovations.	5159	Federal stock number reference catalog	4725
Government:		Federal supply catalog	4601
and science	4509	<i>see also</i> Military supplies—Surplus property.	
hearings	4508	Graber, Oleg, <i>Ars orientalis</i>	4751
statement of purpose	4340	Grading of commercial products, <i>see</i> names of products.	
census 1962	4344	Graduates, advanced students, grants for study, research and summer seminars abroad in modern foreign languages, 1964-65	4622
announcement and order form	5765	Graff House, acquire for Independence National Historical Park, report	4453
final reports		Grand Prairie region, Ark.: artificial recharge of ground water (series)	4809
national, women in high-level elective and appointive positions		hydrogeology	4809
<i>see also</i> headings beginning Government.		Grand Valley Water Users' Association, repayment contract, modify, report	4525
Government contracts:		Grants-in-aid:	
Grand Valley Water Users' Association, repayment contract, modify, report	4525	air pollution control, law, description	4825
housing, etc., for employees of contractors, report	4549	airports, Federal aviation regulations	4682
termination, etc., Navy administration manual	5625	education—	
TFX contract investigation, hearings	4584	graduate students, teachers, and professors for summer seminars in modern foreign languages	4622
Government offices:		inadequacies in administration, GAO report	4763
administrative practice and procedures, investigations, authorization, report	4556	students in higher education, directory of federally financed student loans, etc.	4493
appropriations, 1964, supplemental, proposal	4433	local review of State and local applications, report	4542
joint financial management improvement program, progress 1948-63	4752	mental health planning, State proposals, 1963, digest	5555
provision for quarters, furniture, etc., to civilian employees, clarify authority, report	4549	NASA educational programs, hearings	4568
records and papers, disposition, reports	4463, 4481	national survey of State and local applications	4583
scientific information activities	5573	pollution treatment works, report, research and training programs of NICHED	5559
survey of selected activities, report	4452	specialty adapted housing for blind veterans, expand, hearing	4573
<i>see also</i> Government supplies.		Grapes, loaded in railway refrigerator cars, improved fumigation with dioxide	4211
Government officials and employees:		Graphidaceae, <i>see</i> Lichens.	
Alaskan duty, transportation of private motor vehicles, report	4547	Graphite, refractories containing	4261
work injury facts, 1962, number, duration, etc., reported under Federal employees' compensation act	4655	Grasshoppers, control	4201
<i>see also</i> Government offices.		Gravel, operations and costs, Martin Marietta Corp.	5474
Government Operations Committee, House:		Gravity, effect of G-force on structure of vascular system	5270
activities, interim report, 1963	4498	Gravity model trip distribution formula, <i>see</i> Transportation.	
committee print	4498	Grazing, hydrologic, etc., characteristics of grazed and ungrazed watersheds of Badger Wash Basin	4804
report	4452	Great Basin, surface waters of U.S., compilation of records, Oct. 1950-Sept. 1960	4820
Government Operations Committee, Senate:		Great Britain:	
committee print	4583	east coast of England, sailing directions	5575
hearings	4584	pocket guide	4278
reports	4524, 4526, 4542-43, 4547-49		
Government periodicals, <i>see</i> Periodicals.			

MARCH 1964

	Entry		Entry
Great Plains, central, shelterbelt tree and shrub species under dry-land culture-----	4221	Hannan, P. J., feasibility of oxygen production by algae for nuclear submarines-----	5602
Green Bay, Wis.: consumers expenditures and income, 1961-----	5428	Hansen, P. A., his theory of satellite orbit calculation as modified by Musen-----	5524
water resources, area-----	4802	Hansen, Wallace R., Curecanti pluton-----	4780
Greenberg, Leon, automation, nationwide studies in United States-----	5425	Harlee, John, address, Jan. 13, 1964-----	4701
Greene, Mark R., insurance and risk management for small businesses-----	5684	Harris, J. Donald, compensatory and pursuit tracking of pitch-----	5466
Greenville, N.C., Voice of America complex-----	5738	Harry Diamond Laboratories, technical report-----	5628
Groemping, Franz A., labor law and practice in Austria-----	5432	Harvesting machinery, mechanical picker attachments for harvesting cotton research plots-----	4191
Gronowski, John A.: remarks-----		Hawaii: coastal warning facilities chart, 1963-----	5757
Feb. 1, 1964-----	5633	volcanoes during 1955-----	4779
Feb. 4, 1964-----	5632	Health: efforts with modern theories of communication-----	4300
Ground squirrels: excretion of animal or bacterial viruses-----	4252	environmental health programs of Public Health Service, career information-----	5652
low temperature effect on isolated hearts of Citellus leucurus and C. Mohavensis-----	4245	farm population, major problems-----	5655
Ground water, see Water.		health manpower source book-----	5653
Grumman Aircraft Engineering Corporation, group insurance premiums, improper disposition of refunds, GAO report-----	4762	health mobilization series-----	5654
GSA, see General Services Administration.		public-----	
Guam, public school finance program, 1962-63-----	4637	and agricultural migrants-----	5645
Guaranties and sureties, investment, agreement with Sierra Leone-----	5701	and expanding Soviet chemical industry-----	5335
Guidance, national defense education act of 1958, training institutes, announcement-----	4628	smoking and health-----	
see also Personnel services in education.		authorize research by Agriculture Dept., report-----	4484
Guide books, see Pocket guides.		report-----	5664
Guided missiles, see Missiles.		Surgeon General's Advisory Committee report-----	5664
Gullou, R. B.: statistics-----		data from national health survey-----	5666
Las Vegas area (ARMS-II)-----	4292	organization, etc., of National Center-----	5661
Norfolk-Peninsula area (ARMS-II)-----	4293	Health boards and departments, State and Territorial, conference with Public Health Service and Children's Bureau, 1963, preliminary report of actions-----	5662
Guinea, agricultural commodities, agreement-----	5707	Health, Education, and Welfare Department: air pollution prevention act control activities, law, description-----	4825
Gunnison River, Black Canyon, Curecanti pluton, unusual intrusive body-----	4780	appropriations, 1964, supplemental-----	
Gymnodinium breve, counts of red-tide organisms, etc., from Florida west coast, 1960-61-----	4745	hearings-----	4489, 4570
Gypsum, board products, recommendation of trade-----	5548	report-----	4536
		grants administration under NDEA, GAO report-----	4763
H		Health insurance, Grumman Aircraft Engineering Corporation group plan, improper disposition of refunds of premiums, GAO report-----	4762
Halberg, H. N., water resources of Albany-Schenectady-Troy area, N.Y.-----	4800	Health Statistics, National Center, see National Center for Health Statistics.	
Halfway houses for delinquent youth-----	4359	Heare, Gertrude, establishing business in Brazil-----	4860
Hall, Pauline P., Quarrel application and test methods for cotton thread-----	5671	Hearing: auditory fatigue, pure tone, central factor-----	4317
Hamel, Harvey R., job tenure of American workers-----	5447	binaural beat perception problem-----	4316
Hammel, H. T., thermal and metabolic response of Kalahari Bushmen to moderate cold exposure-----	4243	perstimulatory adaptation relation to other short-term threshold-shifting mechanisms-----	5467
Hammer, J. J., volume recombination of cesium ions-----	5725	primary auditory abilities in pitch and loudness-----	5462
Handbooks, see names of departments, etc., issuing handbooks—also subjects.		Hearing examiners, examination announcement-----	4400
Handicapped, see Disabled.		Hearn, Jackson B., basic data on economy of Burma-----	4861
Handling and storage of liquid propellants, corrections-----	4597		
Hangars, Air Force, pumping station for fire protection, engineering manual, change-----	4667		

INDEX

	Entry		Entry
Heart:		Higgins, James W., bituminous coal	
cardiac activity of rabbits, influence of low concentrations of light aerolons-----	5373	mining, labor market developments-----	4658
isolated, of <i>Citellus leucurus</i> and <i>C. Mohavensis</i> , effect of low temperature-----	4245	High schools, debate topics, preparation and printing of compilations of materials, law-----	4420
Heat, resistant steels and alloys, Soviet research-----	5095	Higher education, <i>see</i> Colleges and universities.	
Heat capacity, low-temperature heat capacities and entropies of akermanite, cordierite, gehlenite, and merwinite-----	5489	Highlights of legislation on aging, bills affecting older persons introduced 88th Cong., 1st sess., Jan.-Oct. 1963-----	5761
Heat of combustion, formation of carbides of tungsten and molybdenum-----	5484	Hiring practices, <i>see</i> Employment.	
Heat treatment, titanium alloy, oxygen effect on properties-----	4909	Hispanic Foundation, bibliographical series-----	5456
Heating, mechanical design, engineering manual, change-----	4666	Hobbies, construction and operation of hobby craft shops-----	5582
<i>see also</i> Aerodynamic heating.		Hobbs, Harold W., hydrologic data for experimental agricultural watersheds in United States, 1956-59-----	4213
Heber, Rick, mental retardation bibliography-----	5634	Hoc tap (North Vietnam periodical): translations-----	5188
Height gages, improved precision height gage-----	5503	Hochbaum, Godfrey M., modern theories of communication-----	4360
Helicopters:		Hodges, Luther H., address, Nov. 18, 1963-----	4410
pilot examination guide, private, commercial, flight instructor-----	4748	Holding pattern criteria, change-----	4680
shore party and support team operations, Fleet Marine Force manual-----	5459	Home and Community Committee, President's Commission on Status of Women, report-----	5638
variable-stability employment in analog computer approach to V/STOL simulation-----	5509	Home economics:	
vibration indicator, final report-----	5723	home and garden bulletins-----	4203-4
Helium:		homemakers, publications, list-----	4830
apparatus for detecting leaks-----	5495	homemaking, status of women, report-----	5638
speech during respiration of mixture of helium and oxygen-----	5469	institutions granting bachelor's or higher degrees, 1961-62-----	4623
Hematite, experimental conversion to magnetite with solid reductants-----	5485	Homemaking, <i>see</i> Home economics.	
Hemisphere, Northern, weather maps, for IGY-----	5758	Homes:	
Hendricks, E. L., compilation of records of surface waters of United States, Snake River basin-----	4821	insured mortgage transactions—FHA data, States, proposed homes-----	4694
Henry, James P., results of Project Mercury ballistic and orbital chimpanzee flights-----	5501	FHA trends, quarterly report, proposed homes-----	4693
Herald of Academy of Medical Sciences (USSR periodical): translations-----	5025	mortgage insurance, FHA regulations, amendment-----	4695
Herald of communications (USSR periodical): translations-----	5013, 5225	Homopolesis, <i>see</i> Blood.	
Herald of higher education (USSR periodical): translations-----	4987	Hong Kong, trade with, trade mission report-----	4865
Heredity, molecular genetics and effect of radiation, USSR studies-----	4895	Honolulu Magnetic Observatory, magnetograms and hourly values-----	4403
Herrick, Joseph F., jr., apple packing and storage houses, layout and design-----	4207	Hooper, Edward T., jr., microwave parametric amplification-----	5620
Herzbrun, Phillip I., English teaching study unit, Ralph Bunche, world servant-----	5735	Horticultural Crops Branch, AMS, publications, list-----	4186
HHFA, <i>see</i> Housing and Home Finance Agency.		Hospitals, civil defense emergency, storage structures-----	5654
Hibernation:		House Administration Committee, House:	
ground squirrels, effect of low temperature on isolated hearts of <i>Citellus leucurus</i> and <i>C. Mohavensis</i> -----	4245	hearing-----	4499
mammals and birds-----	4246	reports-----	4456, 4471-76
Hiemstra, Stephen J., rising depreciation of assets in agricultural marketing firms-----	4612	House bills-----	4426
Hietanen, Anna:		House documents-----	4427-44
Idaho batholith-----	4785	House reports:	
metamorphism of Belt series in Elk River-Clarkia area, Idaho-----	4784	private bills-----	4445-51
		public bills-----	4452-84
		Household storage study-----	4697
		Houses:	
		apple packing and storage, layout and design-----	4207
		household storage study-----	4697
		prefabricated, North Korean experiences-----	5122
		residential alterations and repairs, construction reports-----	4346
		Housing:	
		aging nonwhites, how they live, analysis of 1960 census data-----	4827
		civilian employees of Federal agencies, rental, etc., regulations, clarify authority, report-----	4549

	Entry		Entry
Housing—Continued		Hydrology—Continued	
dealers and individuals subject to certain sections of title 1, National housing act, list.....	4692	hydrologic data for experimental agricultural watersheds, 1956-59.....	4213
low-rent projects, high costs of sites in San Francisco regional area, Public Housing Administration, GAO report.....	4761	hydrologic effects of land use (series).....	4804
multifamily, minimum property standards.....	4698	influences of strip mining (series)—multiphase fluids in porous media, review of theories.....	4792
national housing act, amend, report.....	4465		4789
paraplegic, program, expand, hearing.....	4573	Hygiene:	
project mortgage insurance, FHA regulations, amendments.....	4696	industrial, USSR chemical industry technological progress.....	5045
public and private, investigation authorization, reports.....	4541, 4554	labor, chemical industry, USSR studies.....	5359
specialty adapted housing for blind veterans, grants by VA, hearing.....	4573	Hyland, Frances, basic data on economy of Pakistan.....	4851
veterans, direct loans, VA to fix prices of loans for resale, hearing.....	4573		
Housing and Home Finance Agency, planned public works, additional funds, hearing.....	4573	I	
Housing insurance, see Mortgage insurance.		ICFTU, see International Confederation of Free Trade Unions (ICFTU).	
Howard, Gene S., shelterbelt tree and shrub species under dryland culture in central Great Plains.....	4221	ICRU, see International Commission on Radiological Units and Measurements.	
HQM series.....	4602	IDA, see International Development Association.	
Hulsing, Harry, Pacific slope basins in Oregon and Lower Columbia River basin.....	4818	Idaho batholith:	
Human engineering, human factors design standards for fleet ballistic missile weapon system.....	5618-19	metamorphic and igneous rocks along northwest border zone (series).....	4784-85
Hung-ch'i (periodical): translations.....	4974, 5217, 5389	near Pierce and Bungalow, Clearwater County, Idaho.....	4785
Hungary:		Ideology, U.S. ideological offensive in winning cold war, hearings.....	4497
legal journals, abstracts.....	4893, 5261, 5404	IFR, see Instrument flight rules.	
provincial press, summaries.....	4941, 5143, 5161	Ignall, H. R., evaluation of frozen pork loins and chops.....	5715
scientific qualification and training of aspirants.....	5102	Igneous rocks, northwest border zone of Idaho batholith (series).....	4784-85
Hunt, W. W., jr., ion dissociation in drift tube of time-of-flight mass spectrometer.....	4228	IGY, see International Geophysical Year, 1957-58.	
Husbandry, see Animals.		Illiteracy, functional literacy and basic work skills training for unemployed, report.....	4527
Hydrates, calcium aluminates encountered in lime-soda slinter process.....	5482	ILO, see International Labor Organization.	
Hydraulics and geologic factors, effects on streamflow of Yakima River basin.....	4807	Immigration and emigration, investigation, authorization, report.....	4557
Hydrodynamics, equations forecasting atmospheric pressure fields, USSR study.....	4960	Immigration Border Patrol, see Border Patrol, Immigration and Naturalization Service.	
Hydrogen:		Impact, alleviation, landing characteristics of reentry vehicle with passive landing system.....	5512
composition, opacity, and thermodynamic properties at high temperatures tables.....	5502	Impedance, input, curves of change due to ground for dipole antennas.....	5546
Stark profile measurement of Lyman- α and Lyman- β lines.....	5608	Imperialism, U.S. imperialists to be defeated in South Vietnam.....	5188
Hydrogen-ion concentration, field measurement of pH.....	4805	Imports:	
Hydrogeology:		statistical classification—	
Bulgaria, tasks.....	5266	schedule T.....	4354
Grand Prairie region, Ark.....	4809	schedule Y.....	4355
Hydrology:		<i>see also</i> names of countries, etc.	
and biotic characteristics of grazed and ungrazed watersheds, Badger Wash Basin, Colo., 1953-58.....	4804	Inauguration of the President, see President of United States.	
Bulgaria, tasks.....	5266	Incinerators, engineering manual, change.....	4668
contributions to hydrology of United States (series).....	4813-15, 4824	Income:	
glacial stream, White River, Mount Rainier, Wash.....	4791	consumer expenditures and income, 1960, Ketchikan, Alaska.....	5426
		consumer expenditures and income, 1961—	
		Durham, N.C.....	5427
		Green Bay, Wis.....	5428
		income-loss protection against short-term sickness, 1948-62.....	5690
		tax returns statistics, individuals, 1961.....	4843
		Income tax:	
		abolish, fallacies and dangers of proposed Liberty amendment.....	4519
		print as Senate document, report.....	4537

INDEX

	Entry		Entry
Income tax—Continued		Industry—Continued	
IRS loose-leaf regulations system	4835	USSR development, translations—	
President's tax proposals, press releases	4513	automotive industry	5056, 5134
reduction and revision, summary of the President's 1963 tax message	4514	chemical industry	4985, 4993, 5024, 5058, 5075, 5094, 5119, 5203, 5214, 5220.
returns, statistics, individuals, 1961	4843	chemical machine building	4947, 5329
timing of tax cut (remarks)	5732	construction machinery	5048, 5053, 5071
Independence National Historical Park:		electric power and electrotechnical industries	5000
acquire Graff House site, report	4453	electrical equipment	5062, 5109, 5118, 5302, 5401
general information	5565	ferrous metallurgy	5009, 5050, 5067, 5111, 5197, 5221, 5299, 5314, 5331, 5384, 5413
Indexes:		machinery	5086, 5125
American Ethnology Bureau, bulletins 1-100—		metalworking equipment	4951, 5038, 5090, 5133, 5137, 5159, 5268
departmental edition	4272	nonferrous metallurgy	4891, 4990, 5223, 5248
document edition	4427	power machinery	5089
Civil Aeromedical Research Institute, reports	4312	precision equipment	5164, 5183
contributions to North American ethnology, introductions, etc.—		regional economy	4896, 4950, 5085, 5099, 5147, 5160, 5174, 5239
departmental edition	4272	tractors and agricultural machinery	4916, 4953, 5014, 5036, 5052, 5180, 5222
document edition	4427	wage survey, communications	5438
electron tubes, cross index and type identification, military standardization handbook	4604	see also names of industries.	
Le Monde	5084	Industry manpower surveys	4658
La Stampa and La Stampa sera	4942, 4996, 5074, 5100, 5153, 5323, 5394	infants, use of ionite milk in acute gastrointestinal diseases, nitrogen balance	5027
nuclear science abstracts, conferences abstracted in	4300	Infectious diseases, see Contagion and contagious diseases.	
Yards and Docks Bureau publications	5777	Inflight loss of consciousness, case report	4318
Indexing and abstracting experimentation support (final report)	4257	Influenza, virus, cold relationship to biological properties, etc.	4252
India:		Information, U.S. private mass media, impact abroad, hearings	4497
agricultural commodities, agreement	5708	see also Public information.	
labor conditions	5445	Information bulletins, see names of departments, etc., issuing bulletins.	
Indian Ocean, south, sailing directions, change	5576	Information Office, Agriculture Dept., congressional list (series)	4830
Indicators, see Vibration indicators.		Information storage and retrieval systems:	
Indonesia:		digital system (AI-2048), excerpts from USSR book	5244
Communist Party performance praised by Italian Communists—	4906	indexing and abstracting experimentation support, final report	4257
press survey	4937, 5130, 5377	materials program, electrical and electronic properties	4224
Industrial arts, why industrial arts in school curriculum?	4652	Infrared spectrometers, see Spectrometers.	
Industrial education:		Infrared spectrum, see Spectra.	
State supervisors, directory	4617	Ings, see Metals.	
teacher trainers, etc., directory	4618	Injuries:	
Industrial hygiene, see Hygiene.		impairments due to, July 1959-June 1961	5666
Industrial management, financial, listing of materials from marketing information guide	4335	radiation, treatment, USSR study—	5193
Industrial relations:		see also Accidents.	
labor management relations (Taft-Hartley) act, amend, hearings—	4494	Inland Waterways Corporation, audit 1963, GAO report	4755
labor-management reporting and disclosure act, bonding provisions of Federal labor laws, hearings	4492	Insecticides, Federal insecticide, fungicide, and rodenticide act, amend, report	4480
Industrial safety, see Safety of life.		Insects, biological controls, hearing—	4485
Industries, see Industry—also names of industries.		Inspection (industrial), see names of substances, objects, etc., inspected.	
Industry:		Installations (military):	
Communist China, translations	4933, 4958, 4988, 5077, 5235, 5265	naval shore activities—	
current industrial reports	4347-48	building maintenance, structures	5772
data from 1960 census by State, health manpower source book	5653	utilities conservation program survey manual	5778
East European, materials industries, translations	5195	Instruction, see Programmed instruction.	
heavy, East European translations	5187, 5219, 5316	Instrument flight rules, enroute air traffic survey, peak day, 1963	4679
joint industry promotional funds, employer contributions, hearings	4494		
output per man-hour index, selected industries	5441		

Entry	Entry
Instrument men, <i>see</i> Instrumentmen.	International Confederation of Free Trade Unions (ICFTU):
Instrumentation, geophysics and astrophysics 4254	directory ----- 4870
Instrumentmen, 3 & 2, Navy training course 5583	International Development Agency: personnel administration and operations—
Instruments, building, USSR, news of higher educational institutions 5178, 5347	hearings ----- 4569
Insurance, and risk management for small business ----- 5684	report ----- 4520
<i>see also</i> types of insurance.	print as Senate document, report ----- 4538
Insured banks, <i>see</i> Banks and banking.	International Development Association:
Inter-American Development Bank, operations, Apr. 1960-Mar. 1962 4432	operations, Apr. 1960-Mar. 1962-- 4432
Inter-American Economic and Social Council, <i>see</i> Organization of American States.	resources, increase, authorize—
Interest (psychology):	hearing ----- 4491
physiology of act of attention, USSR study 5206	report ----- 4460
Interference properties of photons 4230	International Finance Corporation, operations, Apr. 1960-Mar. 1962 4432
Interior and Insular Affairs Committee, House, reports 4453-55	International flight information manual, amendment 4270
Interior and Insular Affairs Committee, Senate:	International Geophysical Year, 1957-58, world weather maps 5758
hearings ----- 4535-88	International Home Loan Bank, establish, hearings 4490
report ----- 4525	International Labor Conference, 1963, general information 5442
Interior Department:	International Labor Organization, women, equal pay in member nations 5768
appropriations, 1964, public works, report 4458	International law, digest 5697
decisions, digest 4831	International Monetary and Financial Problems, National Advisory Council on, <i>see</i> National Advisory Council on International Monetary and Financial Problems.
Intermountain States, your guide to farm jobs 4662	International Monetary Fund, operations, Apr. 1960-Mar. 1962 4432
Internal revenue:	International postal service, international mail, general information 5631
act of 1963—	International Publishers Congress, 17th, recognition and assistance, report 4551
provisions agreed upon, brief description, press release, compilation, committee print 4513	International relations:
summary ----- 4512	for commanders, this changing world 4276-77
code of Federal regulations 4710-13, 4845-46	foreign policy of U.S., investigation, extension, report 4544
code of 1954, amend, summary 4512	foreign policy study, expenses, report 4472
procedure and administration, IRS looseleaf regulations system 4838-30	USSR, international economic relations, translations 5402
<i>see also</i> names of certain taxes, e.g. Employment taxes.	winning cold war, U.S. ideological offensive, hearings 4497
Internal Revenue Service:	International report IR series 5765-68
career opportunities—	International science notes, National Science Foundation 5572
estate tax examiner 4834	International Whaling Commission, convention, amendments to schedule 5703
revenue agent, professional accounting 4840	Interstate agreements, Delaware-New Jersey Delaware River Port Authority compact, consent of Congress, hearing 4505
revenue officer 4841	Interstate and Foreign Commerce Committee, House:
special agent 4842	activities, 88th Congress, 1st session, report 4461
tax technician 4844	hearings ----- 4500-1
careers, civil service 4833	report ----- 4461
looseleaf regulations system—	Interstate commerce, <i>see</i> Commerce.
employment tax 4836	Inventions, wanted by Armed Forces, etc., list 5560
excise taxes 4837	Inventories, preliminary inventories series 5538
income tax 4835	Investigators, CSC career opportunity 4380
procedure and administration 4838-30	Investment companies, small business, act of 1958, amendments, report 4482
Internal Revenue Taxation Joint Committee, summary of the President's 1963 tax message 4514	
Internal security, <i>see</i> National security.	
International agreements:	
in force, list 5710	
treaties and other international agreements, 1962 5711	
International Association of Machinists, AFL-CIO, emergency board report 4653	
International Bank for Reconstruction and Development, operations, Apr. 1960-Mar. 1962 4432	
International commerce (periodical):	
index, quarterly 4848	
supplements 4865-66	
International Commission on Radiological Units and Measurements, recommendations on radioactivity, addendum 5544	

INDEX

Entry		Entry	
Investments:		Jarvis, N. L., surface activity of fluorinated organic compounds at organic-liquid/air interfaces	5601
District of Columbia, legal investments for trust funds, list	4610	JCS pub. series	4882-83
guaranties, agreement with, Sierra Leone	5701	Jefferson City quadrangle, Mont., geology and mineral deposits	4793
Inyo County, Calif., geology of Cerro Gordo mining district	4788	Jefferson County, Mont., geology and mineral deposits	4793
Inzhenerno fizicheskij zhurnal (periodical):		Jets, turbulent, attachment distance as function of adjacent wall offset and angle	5628
translations	5029, 5320, 5327	Jo Daviess County, Ill., loading and transportation at zinc-lead mines, Eagle-Picher Co.	5477
Ionic crystals, <i>see</i> Crystals.		Jobs, <i>see</i> Employment.	
Ionite, use in milk fed infants suffering with gastrointestinal tract diseases	5027	John F. Kennedy Center for Performing Arts:	
Ionizing radiation:		designate	
and metabolism processes, summary	4262	hearings	4506
pathological anatomy of acute radiation sickness in experiment, atlas	4291	report	4459
Ionosphere, electron density, use of hf lunar reflection circuit in study	5609	John N. Cobb (fishing vessel):	
Ions:		pelagic trawl development, progress report	4730
dissociation in drift tube of time-of-flight mass spectrometer, identifying fragment ions	4228	Johnson, H. Thayne, electrical and electronic properties of materials information retrieval program	4224
field emission, Soviet research, bibliography	5550	Johnson, Neil W., planning farm for profit and stability	4199
Iowa:		Johnston, Helen L., major health problems	5655
Mississippi River and tributaries, fishery products, wholesale dealers, list	4739	Joint Chiefs of Staff, JCS pub. series	4882-83
southern, establishing vegetation on exposed subsoil	4197	Joint financial management improvement program, 15 years of progress	4752
women, family and property law, summary	5764	Joint Publications Research Service, JPRS series	4884-5414
Iraq:		Jolts, concrete, 2-way floor and roof construction forms, recommendation of trade	5547
agricultural commodities, agreement	5705	Jones, J. R., geology, etc., Camp Ripley Military Reservation	4813
labor conditions	5443	Jones, Ralph J., selected measurement methods for plutonium and uranium in nuclear fuel cycle	4303
Iron:		Jones, Rudard A., household storage study	4697
ore, production, etc., 1963	5478	Jordan, Paul R., chemical quality of surface waters and sedimentation in the Saline River basin, Kans	4810
Red Mountain formation, Ala., rocks, relation between specific gravity and iron content	4781	Journal of engineering physics (USSR periodical):	
Iron ores, <i>see</i> Iron.		translations	5029, 5320, 5327
Irrigation, quality of surface waters, Western States	4819	JPRS series	4884-5414
<i>see also</i> Reclamation of land.		Judge Advocate General, Army, legal service, pamphlets	4282-83
Irrigation projects, <i>see</i> Reclamation of land.		Judgments, <i>see</i> names of courts, etc., rendering judgments.	
IRS, <i>see</i> Internal Revenue Service.		Judicial procedure, <i>see</i> Criminal procedure.	
Irwin, Kirk S., lag in aircraft altitude measuring systems	4233	Judiciary Committee, House:	
Irwin, L. Mark, laboratory smelting of copper precipitator dust	5483	committee print	4503
Isotopes:		hearings	4502
radioactive—		investigations and studies, expenses, report	4471
contamination, diagnosis and treatment, USSR study	4924	reports	4445-51, 4468
medical and diagnostic use, USSR study	5343	Judiciary Committee, Senate:	
radioisotopes in world industry, abstracts of selected foreign literature	4302	investigations and studies—	
Israel:		administrative practice and procedures in Federal agencies, authorization, report	4556
agricultural commodities, agreement	5709	codification of statutes of U.S., expenses, report	4561
Communist leaders statements	5405	immigration and naturalization, authorization, report	4557
Communist Party activities	5305	internal security laws, etc., administration, expenses, report	4558
Italy, Italian Communists view their party and Moro government	4926	juvenile delinquency, authorization, report	4559

J

MARCH 1964

	Entry		Entry
Judiciary Committee, Senate—Con-		Kirtland Air Force Base, electronic	
investigations and studies—Con-		data processing equipment, ex-	
national penitentiaries, authori-		cessive cost of leasing com-	
zation, report.....	4560	pared with buying, GAO re-	
trading with the enemy act, etc.,		port.....	4758
extension, report.....	4562	Kits, <i>see</i> Repair kits.	
reports.....	4522, 4528, 4531-32	Klain, G. J., metabolic studies of	
Junge, Charles O., jr., factors in-		amino acid imbalance in cold	
fluencing return of fall Chi-		exposed rats.....	4249
nook salmon (<i>Oncorhynchus</i>		Kleeb, Howard W., address, Jan. 29,	
<i>tshwytsha</i>) to Spring Creek		1964.....	5561
Hatchery.....	4742	Klein, Lawrence R., International	
Jurassic period, nonopaque heavy		Labor Conference of 1963.....	5442
minerals in sandstone, Black Hills,		Klier, E. P., fatigue crack effect on	
Wyo. and S. Dak.....	4777	heat-treated 4340 steel.....	5588
Justice Department:		Klingman, C. L., apparatus for de-	
Attorney General, report on compe-		tecting helium leaks.....	5495
tition in synthetic rubber in-		Knowles, Doyle B., water resources of	
dustry.....	5416	Green Bay, area, Wis.....	4802
opinions of Attorney General.....	5415	Knox, J. B., Project Pre-Buggy, base	
Juvenile courts, statistics, 1962.....	4362	surge analysis.....	4298
Juvenile delinquency:		Kommunist (periodical):	
halfway houses for delinquent		translations.....	4968, 5289
youth.....	4359	Korea:	
investigation, authorization, re-		North—	
port.....	4559	economic report. 4889, 5078, 5122.	5340
problem and implication for edu-		political and sociological in-	
cation (speech).....	5762	formation.....	5054
		prefabricated housing experi-	
K		ences.....	5122
Kagarise, R. E., solvent-induced ef-		Republic, consular convention.....	5700
fects on infrared spectra.....	5587	Korean War, 1950-53, USAF air-	
Kahl, Anne S., labor law and practice		borne operations.....	4264
in Yugoslavia.....	5434	Kramer, David, plankton grid studies	
Kalahari Desert, Bushmen, thermal		off Baja California.....	4740
and metabolic response to moder-		Krasceula, N. L., tables of composi-	
ate cold exposure at night.....	4243	tion, opacity, etc., of hydrogen.....	5502
Kallander, J. W., NELLAC-N, tutorial		Krause, Helmut G. L., astrophysics—	
report.....	5610A	Kroger Co., accident.....	4878
Kam, William, geology, etc., of McMul-		Krueger, Gladys M., phenylketonuria,	
len Valley.....	4811	bibliography, 1963.....	4361
Katmai National Monument, general		Kuwait, economy, basic data.....	4857
information.....	5567		
Kawalkiewicz, Frank S., helicopter		L	
vibration indicator.....	5723	Labels:	
Kazakh Soviet Socialist Republic,		economic poisons, labeling with reg-	
Academy of Sciences, activities,		istration numbers, report.....	4480
selected articles.....	5198	steel containers in interstate com-	
Kazan' Veterinary Institute, activities		merce, hearing.....	4501
ties.....	4943	woven textiles identification, amend	
Keay, C. S. L., determining directivity		act, hearing.....	4501
of antenna systems.....	5504	Labor:	
Keir, Peter M., open market policy		conditions—	
process.....	4716	Aden.....	5446
Keller, Morton, tidal current surveys		India.....	5445
by photogrammetric methods.....	4407	Iraq.....	5443
Kelly, Hal J., Bovill clay, etc., deposit		Taiwan.....	5444
.....	5480	job tenure of American workers,	
Kennedy, John F., tributes by Mem-		Jan. 1963.....	5447
bers of Congress, print as Senate		labor digests.....	5443-46
document, reports.....	4476, 4535	labor force, special report.....	5447
<i>see also</i> President of United States.		advance summary.....	5449
Kennedy, Vance C., sediment trans-		markets—	
ported by Georgia streams.....	4812	bituminous coal mining.....	4658
Ketchikan, Alaska, consumer expendi-		engineering, scientific and tech-	
tures and income, 1960.....	5426	nical occupations, current con-	
Kiev, Ukrainian SSR, economic ad-		ditions.....	4657
ministrative region, specialized		mobility and worker adaptation to	
and overall development, trans-		economic change in U.S.....	5418
lations.....	5023	monthly labor review—	
Kimball, Elsie M., Interior Dept. de-		reprints.....	5447-48
isions, cases relating to public		statistical supplement, 1962.....	5451
lands, digest.....	4831	Nigeria.....	5435
Kinney, Jo Ann S.:		output per man-hour, selected in-	
factors affecting induced color.....	5464	dustry, index.....	5441
night vision sensitivity during		<i>see also</i> Migrant labor— <i>also</i> head-	
prolonged restriction from sun-		ings beginning Labor.	
light.....	5465	Labor and Public Welfare Committee,	
Kinnison, Hallard B., effects of hy-		Senate:	
draulic and geologic factors on		additional staff members and cler-	
streamflow of Yakima River		ical assistants, reports.....	4563-64
basin.....	4807	committee print.....	4590
		hearings.....	4589

INDEX

Entry	Entry	Entry
Labor and Public Welfare Committee, Senate—Continued		
investigation and studies, migratory labor, expenses, report.....	4539	
reports.....	4527, 4533, 4565	
Labor disputes, emergency board report, United Air Lines, Inc....	4653	
Labor force, <i>see</i> Labor.		
Labor laws:		
and practice in—		
Austria.....	5432	
Ecuador.....	5433	
Mexico.....	5431	
Turkey.....	5430	
Yugoslavia.....	5434	
Federal, bonding provisions, hearings.....	4492	
State legislation enacted in 1963.....	5424	
Labor management relations act, <i>see</i> Industrial relations.		
Labor-management reporting and disclosure act of 1959, bonding provisions of Federal labor laws, hearings.....	4402	
Labor markets, <i>see</i> Labor.		
Labor standards, fair labor standards act, records to be kept by employers, regulations.....	5750-51	
Labor Standards Bureau, bulletin.....	5410	
Labor Statistics Bureau:		
BLS report series.....	5426-35	
bulletins.....	5435-39	
Labor unions:		
directory of ICFTU.....	4870	
labor-management reporting and disclosure act, bonding provisions of Federal labor laws, hearings.....	4402	
membership, 1962.....	5453	
organizational campaigns, employer rights and limitations (address).....	5561	
Laboratories, smelting of copper precipitator dust.....	5483	
<i>see also</i> names of laboratories or places where located.		
Ladders, fixed, comparison of State codes with ASA, chart.....	5420	
Ladino language, books in Library of Congress, bibliography.....	5456	
Lafayette County, Wis., loading and transportation at zinc-lead mines, Eagle-Picher Co.....	5477	
Laguna Atascosa National Wildlife Refuge, general information.....	4737	
Lamale, Helen H., paper, Aug. 6-9, 1963.....	5420	
Land:		
hydrologic effects of land use (series).....	4804	
ownership of rural land in the Southeast.....	4611	
Landing (spacecraft), <i>see</i> Spacecraft.		
Langley hotshot tunnel, calibration tests, description.....	5511	
Language and languages:		
foreign, grants for advanced graduate students, teachers, and professors.....	4622	
Marxist-Leninist gnosiology and problem of sign and meaning, USSR study.....	5139	
national defense education act, language institutes program, 1964-65.....	4629	
<i>see also</i> names of languages.		
Lasers:		
optical quantum oscillators, use in biology and medicine, prospects, USSR study.....	5308	
ruby, light transmission through water.....	5597	
Las Vegas, Nev., aerial radiological measuring survey (ARMS) of area.....	4292	
Latah County, Idaho, Revill clay and sand deposit, geology, etc.....	5480	
Latin America:		
alliance for progress, report of 1st annual review.....	4496	
savings and loan associations, place in (address).....	4689	
launching facilities, launch environment profiles for sounding rockets and spacecraft.....	5508	
Lavender, Robert E., touchdown dynamics analysis of spacecraft for soft lunar landing.....	5510	
Law:		
East European legal journals, abstracts... 4893, 5037, 5063, 5261, 5404	4282-83	
Judge Advocate legal service, Army pamphlet.....	4287	
legal proceedings, testimony by employees and production of records, Federal aviation regulations, change.....	4683	
procurement legal service, Army pamphlet.....	4287	
slip laws (public) 88th Congress.....	4420-21	
<i>see also</i> International law—Labor laws—Legislation— <i>also</i> subjects.		
Leaching, alkaline leach milling processes, radioactivity.....	5492	
Lead, loading and transportation, Eagle-Picher Co. mines.....	5477	
Leaflets, <i>see</i> names of departments, etc., issuing leaflets— <i>also</i> subjects.		
Leases:		
geothermal steam deposits, issuance of leases, hearing.....	4586	
leasing of naval properties in Virgin Islands, status, hearings.....	4588	
Lee, Charles F., mechanizing the blue crab industry.....	4729	
Legal procedures, <i>see</i> Law.		
Legal service, <i>see</i> Law.		
Leggat, E. R., ground-water resources of lower Mesilla Valley, Tex. and N. Mex.....	4815	
Legislation:		
major legislative actions, 88th Congress.....	4425	
record, 1961-63.....	4516	
<i>see also</i> Labor laws—Law— <i>also</i> subjects.		
Leninism, <i>see</i> Communism.		
Leone, Lucile P., agricultural migrants and public health.....	5645	
Levi, David W., thermal degradation, etc., of high polymers.....	4608	
Levin, Sheldon G., fluid amplification, jet attachment distance as function of adjacent wall offset and angle.....	5628	
Lewis and Clark County, Mont., geology and mineral deposits.....	4793	
Lexington Park Volunteer Fire Department, Inc., land conveyance by quitclaim deed.....	4524	
Li language, general features.....	4930	
Libraries:		
automation, economic feasibility... colleges and universities, institutional statistics, 1962-63.....	4625	
Federal Fire Council, fire safety reference library.....	4772	
library education directory 1962-63.....	4624	
Library of Congress:		
automation, survey.....	5454	
collection of papers of Culbertson, William S., register.....	5458	
Lichens, family Graphidaceae in Mexico.....	5563	

MARCH 1964

Entry	Entry
Life insurance:	Logic, symbolic and mathematical, <i>see</i> Mathematics.
Grumman Aircraft Engineering Corporation group plan, improper disposition of refunds of premiums, GAO report-----	Longshoremen, safety program, report, 1963-----
4762	4706
national service, raising age limit to 65 for total disability income provision, report-----	Louisiana, electric rate book-----
4477	Lubricants:
Life support systems, internal environmental simulator for man-machine system-----	Federal supply catalog, management data list, change-----
5586	4601
Lifting, how-to-lift model, build and demonstrate this safety salesman-----	nonspreading oils, effect of polar-nonpolar additives on oil-spreading on solids-----
5421	5603
Light, ruby laser, transmission through water-----	organic, evaporation rates in vacuum-----
5597	5517
Light amplifiers, <i>see</i> Lasers.	5604
Lights and lighting:	Lubrication, space environments requirements-----
Coast Guard lists, Atlantic Coast, local-----	4253
4408	Lumber, cargo, tariff filing requirements, exclude, hearing-----
Naval Oceanographic Office list-----	4504
5578	Luminescent material, bacterioviridin, temperature dependence, and its state in photosynthetic bacteria, USSR study-----
Limbs, <i>see</i> Artificial limbs.	5368
Lime-soda sintering, hydrated calcium aluminates encountered-----	Lunar charts and mosaic series, U.S.A.F.-----
5482	4255
Limestone, crushed, mining and beneficiating methods and costs in Madison County, Iowa-----	Lundquist, Raynard V., hydrated calcium aluminates encountered in lime-soda slater process-----
5473	5482
Lindquist, Clarence B., placement examinations in mathematics-----	Lusby, Gregg C., hydrologic and biotic characteristics of grazed and ungrazed watersheds, Badger Wash Basin-----
4632	4804
Linsenmayer, L. R., addresses, remarks, etc., Nov. 8, 1963-----	Lyman, C. P.:
5452	effect of low temperature on isolated hearts of <i>Citellus leucurus</i> , etc-----
Liozner, L. D., regeneration of lost organs-----	4245
4263	hibernation in mammals and birds-----
Lipids, chemiluminescence, and rate of growth in Pacific salmon, USSR study-----	4246
4977	
Liquors, distilled spirits, used in manufacture of nonbeverage products, drawback of tax-----	M
4846	McCarren, E. F., chemical quality of surface water, West Branch Susquehanna River Basin-----
Lists, <i>see</i> subjects of lists.	4824
Literacy, <i>see</i> Illiteracy.	McCormack, C. F., creating, organizing, and reporting highway needs, studies-----
Lithuania, merchandising and automating chemical industry-----	5670
5094	Macdonald, Gordon A., Hawaiian volcanoes during 1955-----
Little, R. P., electrical breakdown, initiation in vacuum-----	4779
5599	McGee, Gale W.:
Livestock:	personnel administration, etc., in AID-----
foot-and-mouth disease, foreign threat-----	4520
4217	print as Senate document, report-----
marketing competition, equalize, hearings-----	4538
4487	Machinery:
packers and stockyards act, as it applies to-----	chemical machine building, USSR industrial development-----
4179	4947, 5125
producers-----	5186
4180	imports into Yugoslavia-----
Loans:	5186
federally financed student loans, fellowships, career training program in higher education, directory-----	4493
4493	machine building, standardization, normalization and unification, determining technical-economic efficiency, USSR study-----
forest tracts, by national banks, liberalize restrictions, report-----	4973
4466	power, USSR industrial development, translations-----
4467	5089
homeowners act of 1933, amend, report-----	5086
4467	USSR industrial development, translations-----
Rural Electrification Administration, lending program, statistical report, 1962-----	5086
5675	<i>see also</i> names or types of machinery.
student, cancel for physicians and dentists who practice in shortage areas, report-----	Machines, <i>see</i> Machinery.
4533	McKee, K. H., overlay test track, Sharonville, Ohio-----
veterans-----	4670
direct, sale at prices determined to be reasonable-----	MacKenzie, Vernon G., address, Oct. 7, 1963-----
4511	5656
hearings-----	Mackie, Romaine P., special education personnel in State education departments-----
4470	4646
guaranteed and direct, questions and answers-----	McMullen Valley, geology and groundwater resources-----
5745	4811
Locomotive Inspection Bureau, report, 1963-----	4811
4871	McMurray, Joseph P., address, Jan. 21, 1964-----
Loewenstein, E. V., moire fringe measuring system for far infrared interferometric spectrometer-----	4689
4254	McNamar, Lawrence F., T-37C category 2 performance test-----
Log and chart, Public law 85-742, USDL maritime safety, program-----	4234
5422	McNeely, Richard L., development of John N. Cobb, pelagic trawl, progress report-----
	4730

INDEX

	Entry		Entry
Madison County, Iowa, crushed limestone operations, mining, beneficiating methods and costs	5473	Manufactures and manufacturers— Continued	
Magnesium, alloys, wrought products, tolerances	4724	<i>see also</i> names of manufactured articles.	
Magnetic fields: formation of conditioned reflex response in fish	5533	Manuscripts, instructions for typing manuscripts to be printed at GPO	4736
structure in active region of sun	5532	Mapel, W. J., nonopaque heavy minerals in sandstone of Jurassic and Cretaceous age in Black Hills	4777
Magnetic materials, ferrimagnetic, calculation of magnetization vs. temperature curves	5595	Maple City (ferry boat): admit to American registry	4523
Magnetism, <i>see</i> Magnetograms— <i>also</i> headings beginning Magnetic.		Maps and charts: Aeronautical Chart and Information Center, bulletin digest	4222
Magnetite, experimental conversion of hematite with solid reductants	5485	Census Bureau, United States maps, GE-50 series	4356
Magnetograms, MHV series	4402-4	copyrighted, Jan.—June 1963	4595
Mah, Alla D., heats of combustion and formation of carbides of tungsten and molybdenum	5484	lunar chart, LAC 39, Aristarchus—population distribution, urban and rural, U.S., 1960	4255
Mail matter, <i>see</i> International postal service.		weather maps, Northern Hemisphere, for IGY	4356
Maine: annual survey of manufactures, 1962, standard metropolitan statistical areas, and large industrial counties, statistics	4342	Maple City (ferry boat): admit to American registry	4523
public school finance program, 1962-63	4638	Maricopa County, Ariz.: geology and ground-water resources of McMullen Valley	4811
Maintenance: building maintenance of structures at naval shore activities	5772	ground-water conditions in Rainbow Valley and Waterman Wash areas	4814
engineer equipment, preventive maintenance indicators for commanders, Marine Corps manual	5460	Marine biology, marine organisms, early stages, cytochemical studies, USSR	4901
Malagasy, tracking stations, agreement	5704	Marine Corps: Fleet Marine Force manual FMFM series	5459
Malaysia, trade with, trade mission report	4866	shore party and helicopter support team operations, manual	5459
Malignant tumors, <i>see</i> Cancer.		technical manual	5460
Mallory, Andrew R., Supreme Court rule, amend and qualify, hearings	4579	Maritime industry, <i>see</i> Merchant marine.	
Malone, Joseph P., current labor market conditions in engineering, scientific, and technical occupations	4657	Markets and marketing: agricultural marketing firms, rising depreciation of assets, some causes and implications	4612
Mammals: hibernation	4246	directory of Federal-State market news reports	4184
radiosensitivity of inherited structures of cells in vitro, USSR study	5033	Europe, indicators	4850
Man: chromosomal diseases, USSR study—oxygen toxicity, time-concentration effects	5333	making sales figures talk	5083
Management, <i>see</i> Industrial management.	4258	marketing bulletin	4206
Management of our air resources	5656	marketing research methods, listing of materials from market lug information guide	4336
Managers, wildlife refuges, address list, 1963	4747	marketing research reports	4207-11
Manpower: development and training act, amendments of 1963, report—health manpower source book	4527	stable dollar role in expanding world markets (remarks)	4718
industry, surveys	5653	<i>see also</i> names or classes of commodities, etc., marketed.	
research bulletin	4658	Marks, Melvin R., airman specialties, development of standard list of work requirement factors	4256
resources of Nation, training and utilization, hearings	5418	Marrow, bone marrow transplantation on dogs with acute radiation sickness, humoral component, USSR study	4905
Manuals, <i>see</i> names of departments, etc., issuing manuals— <i>also</i> subjects.	4589	Mars (planet): popular science articles, USSR	5192
Manufactures and manufacturers: annual survey of manufactures	4341-43	Marshall, Lawrence G.: mining, methods, etc., crushed-limestone operations, Madison County, Iowa	5473
statistics for States, standard	4342	sand and gravel operations and costs, Martin Marietta Corp.	5474
value of shipments, etc., 1962, change sheet	4341	Martin, Fant W., woodcock status report, 1963	4746
census 1963, alphabetic list of manufactured products	4339	Martin, William M., address, Jan. 21, 1964	4720
manufactured products, alphabetic list, 1963 census of manufactures	4339	Martin Marietta Corp., sand and gravel operations and costs	5474
		Marton, Tibor W., Soviet research in field emission, 1960-63, bibliography	5550
		Marxism, <i>see</i> Communism.	

	Entry		Entry
Maryland:		Medicine—Continued	
electric rate book-----	4707	East European scientific ab-	
public school finance program,		stracts-----	4963, 4976,
1962-63-----	4639	5019, 5035, 5105, 5184, 5224,	
Marzolf, J. M., sea water battery		5249, 5274, 5293, 5317, 5338,	
plus tunnel diode converter as		5348, 5353, 5372, 5398.	
power source-----	5606	Inflight loss of consciousness, case	
Masonry, repairs and utilities, tech-		report-----	4318
nical manual-----	4288	School of Aerospace Medicine, techni-	
Mass spectrometers, <i>see</i> Spectrom-		cal documentary reports-----	4259-60
eters.		Soviet and bloc medical activities,	
Massachusetts, annual survey of man-		developments-----	4910
ufactures, 1962, standard met-		use of optical quantum oscillators,	
ropolitan statistical areas,		prospects, USSR study-----	5308
and large industrial counties,		uses of cybernetics, present and fu-	
statistics-----	4342	ture, USSR study-----	4961
Mastitis, screening procedures, recom-		USSR scientific abstracts-----	5107, 5283
mendations-----	5657	Mediterranean Sea:	
Material Inspection Service, Navy		lights and fog signals, list-----	5578
contract termination and in-		radio navigational aids, 1963-----	5579
ventory disposition manual---	5625	Meet buyers for 400,000,000 new	
Materials:		customers-----	4849
Communist China, translations---	4940,	Melting:	
4989, 5057, 5243, 5264,	5390	arc, with consumable electrode,	
electrical and electronic properties,		crystallization of ingots,	
information retrieval pro-		USSR study-----	5370
gram-----	4224	titanium slags, investigation of	
industries, East European, trans-		electric melting, USSR studies-----	5238
lations-----	4931, 5059,	Memorandums, <i>see</i> names of depart-	
5195, 5218, 5278, 5292,	5411	ments, etc., issuing memoran-	
property data processing system		dums.	
development-----	4225	Memorial services:	
<i>see also</i> Strategic materials.		Doyle, Clyde G.-----	4415
Materials handling, technical manual,		Nygaard, Hjalmar C.-----	4416
change-----	4290	Memorials, <i>see</i> names of persons to	
Mathematics:		whom memorials are erected.	
are multi-value calculi logic? USSR		Mental health, planning grants, State	
book review-----	5142	proposals 1963, digest-----	5555
debate on use, facts and opinions,		Mental illness, new approaches-----	4826
Hungarian study-----	5097	Mental institutions, public, patients,	
East European scientific ab-		1961-----	5558
stracts-----	4967, 5231	Mentally ill, helping, rehabilitation	
mathematical modeling of tech-		program in State hospital, etc.	5748
nological processes on elec-		Mentally retarded:	
tronic digital computer-----	5355	bibliography of world literature on	
placement examinations-----	4632	mental retardation-----	5634
solutions for transport prob-		Health, Education, and Welfare	
lems-----	5233	Department program, 1964-----	
tables, hydrogen, composition, opac-		hearings-----	4489, 4570,
ity, and thermodynamic prop-		report-----	4536,
erties at high temperatures---	5502	new approaches-----	4826
USSIC scientific abstracts-----	5170	public institutions, 1961-----	5558
<i>see also</i> Calculus—Equations.		Merchandising, automatic merchan-	
Mathews, M. J., field moisture con-		dising industry-----	5682
tent investigation-----	4671	Merchant marine, maritime matters,	
May, Charles E., mechanism of ductile		use of Belgian ports and wa-	
bending in ionic crystals-----	5527	ters, by N.S. Savannah,	
Meals, <i>see</i> Food.		agreement-----	5699
Measurements, molre fringe measur-		Merchant Marine and Fisheries Com-	
ing system for far infrared in-		mittee, House, hearing-----	4504
ferometric spectrometer-----	4254	Mergers, <i>see</i> Business consolidations.	
Meat, <i>see</i> Packing industry.		Merriam, C. W., geology of Cerro	
Mechanical devices to expedite boll		Gordo mining district, Inyo	
weevil rearing in laboratory-----	4189	County, Calif.-----	4788
Medals, commemorative, 200th anni-		Merwinite, low-temperature heat	
versary of founding of St.		capacities and entropies at	
Louis, Mo., report-----	4550	298.15° K-----	5489
Medical care, medical groups, United		Merzlotnye issldovaniya (periodical):	
States, 1959-----	5658	translations-----	5015
Medical groups, United States, 1959		Mesilla Valley, lower, ground water	
medical officers, examination an-		resources-----	4815
nouncement, amdt-----	4376	Metabolism:	
Medical technicians, Veterans Admin-		amino acid imbalance in cold ex-	
istration, career opportuni-		posed rats-----	4249
ties-----	5744	metabolism and ionizing radiation	
Medical technologists:		processes, summary-----	4262
examination announcement, sup-		protein, effect of cold-----	4251
plement-----	4395	Metal castings, <i>see</i> Castings.	
Veterans Administration, career		Metallurgy:	
opportunities-----	5744	ferrous, USSR industrial develop-	
Medicine:		ment, translations-----	5009, 5050,
AEC research and development		5067, 5111, 5197, 5221, 5299,	
progress-----	4301	5314, 5331, 5384, 5413.	
aeromedical reviews-----	4258		

INDEX

	Entry		Entry
Metallurgy—Continued		Migrant labor:	
nonferrous, USSR industrial development, translations	4891, 4990, 5223, 5248	agricultural migrants and public health	5645
powder, product, carbide hard alloys	4914	investigation, expenses, report	4539
powder, USSR studies	5247	Militarism, socialist construction, and advantages, Communist China studies	5114
USSR—		Military Academy, West Point:	
pure metals, research, translations	5011	cadets, increase authorized strength, etc.—	4571
scientific abstracts	5042	report	4567
<i>see also</i> names of metals.		Military aid, mutual defense program, 1964, background material	4495
Metals:		Military art and science, shore party and helicopter support team operations, Fleet Marine Force manual	5459
ingot temperatures, problems, USSR study	5403	<i>see also</i> Airborne operations.	
ingots, crystallization during arc melting with consumable electrode, USSR study	5370	Military education, guided missiles training and operation	4236
refractory, equipment for processing in electrovacuum industry, USSR study	5208	Military handbook	4604
refractory metal castings, effect of individual features of technological process, USSR study	5378	Military History, Office of Chief of Army, publications, list	5470
<i>see also</i> Fracture of metals— <i>also</i> names of metals.		Military information, Eastern Europe, translations	5026, 5039
Metalworking machinery, USSR industrial development, translations	4951, 5038, 5090, 5133, 5137, 5159, 5268	Military personnel, <i>see</i> Armed Forces.	
Metamorphic rocks, <i>see</i> Rocks.		Military security, relationship with national strategy and arms control in thermonuclear world	4276
Metacalf, T. G., cold relationship upon biological properties peculiar to influenza virus, etc.	4252	Military standards	4606-7
Meteorology:		Military supplies:	
application of data to fallout forecasting	4367	Army procurement procedures, change	4280
satellites—		disposal manual	4600
TIROS, 1st weather satellite, general information	5536	procurement legal service, Army pamphlet	4287
TIROS I meteorological satellite system	5523	Milk:	
Meteors:		ionite, use in acute disturbances of gastrointestinal tract of infants	5027
astronomy, progress, 1958-61, USSR study	5361	mastitis screening procedures	5657
radar investigation at high rates of detection	5522	production, monthly reports	5712
Metropolitan areas, <i>see</i> Cities and towns.		Veterans' Administration procurement for hospitals, etc., action to avoid excessive costs, GAO report	4765
Mexico:		Mine accidents, Federal coal mine safety act amendments, report	4457
Chamizal problem, convention, implementation—		Mine explosions:	
hearings	4580-81	coal-dust and gas, experimental	5490
labor law and practice	4521, 4565	natural gas concentration effect on ignitibility of gallery atmospheres	5487
lichen family, Graphidaceae, study	5431	<i>see also</i> Coal dust.	
Mexico-United States Interparliamentary Group, 3d meeting, Senate delegation report	4582	Mine gases, gallery atmospheres, effect of natural gas concentration on ignitibility	5487
Mice, blood clearance of carbon and bacteria, effect of low temperature exposure	4244	Mine safety, <i>see</i> Safety of life.	
Michigan, legal status of women	5763	Miner, Richard J., solar flux measurements during eclipse of July 20, 1963	4231
Michigan City, Ind., railway and motor carrier accident	4878	Minerals:	
Microbiology:		deposits, Jefferson City quadrangle, Mont	4793
reservoir investigation, USSR study	5116	leasing act of 1940, amend, hearing	4586
USSR, plant physiology book review	5408	nonopaque heavy, in sandstone of Jurassic and Cretaceous age, Black Hills, Wyo. and S. Dak.	4777
Microelectronics, <i>see</i> Electronics.		southern Black Hills pegmatites	4783
Microscopy, ultraviolet and luminescent, detection of location of nucleoproteins in oocytes of frogs, USSR study	5007	USSR, All-Union Mineralogical Society, 1962 activities	4949
Microwaves:		Mines and mining:	
biological effect, mechanism problems, USSR study	4894	Communist China, translations	4933, 4958, 4988, 5077, 5235, 5265
K _a -band mixer, experimental	5594	methods and costs, Mount mine, American Chrome Co	5475
parametric amplification	5620	<i>see also</i> Mine accidents.	
Middle Atlantic States, <i>see</i> Atlantic States.		Mines Bureau:	
Middle East, <i>see</i> East (Middle East).		information circulars	5472-77
		report of investigations	5480-96

MARCH 1964

	Entry		Entry
Minimum property standards for multifamily housing-----	4698	Monomolecular films, behavior of monolayers of progressively fluorinated fatty acids adsorbed on water-----	5592
Minimum wage, <i>see</i> Wages.		Montana, Belt series, and related rocks with stratigraphic classification-----	4786
Mining, <i>see</i> Mines and mining.		Monterey County, Calif., geology of Reliz Canyon, Thompson Canyon, and San Lucas quadrangles-----	4776
Minnesota, Mississippi River and tributaries, fishery products, wholesale dealers, list-----	4738	Monthly:	
Miocene period, marine, Astoria formation in Oregon-----	4790	NOTE.—For all publications which begin with the word "Monthly", <i>see</i> subject, or name of department, etc., issuing publication.	
Miscellaneous publications, <i>see</i> names of departments, etc., issuing publications.		Moon:	
Missiles:		lunar chart, LAC 39, Aristarchus-----	4255
fleet ballistic weapon, human factors design standards for-----		soft lunar landing of spacecraft, touchdown dynamics analysis-----	5510
equipment-----	5619	use of hf lunar reflection circuit in study of ionospheric electron density-----	5609
systems-----	5618	Moore, Ellen J., miocene marine mollusks from Astoria formation, Oregon-----	4790
guided-----		Moore, Evelyn A., directories in science and technology-----	5455
fundamentals-----	4236	Moosic, Pa., railroad accident-----	4877
USSR study-----	5346	Moravia, moldavites, Czechoslovakian study-----	5530
Polaris fring, Nov. 16, 1963, photographic record of President Kennedy's visit-----	5621	Morehouse, Alanson D., use and handling of compressed gases-----	5419
Mississippi River and Valley, lower basin, floods, magnitude and frequency-----	4817	Morgan, Roy L.:	
Missouri, northern, establishing vegetation on exposed subsoil-----	4197	addresses, etc.—	
Missouri Basin Inter-Agency Committee, minutes, 133d meeting-----	5499	Jan. 9, 1964-----	4413
Mitchell, George W., remarks, Feb. 6, 1964-----	4718	Jan. 17, 1964-----	4409
Mixers (crystal), <i>see</i> Crystal mixers.		Morphology, glacial stream, White River, Mount Rainier, Wash-----	4791
Mobility and worker adaptation to economic change in U.S-----	5418	Morrison County, Minn., geology and ground water conditions-----	4813
Mobilization, <i>see</i> National defense.		Mortality, <i>see</i> Death.	
Modern theories of communication-----	4360	Mortgage insurance:	
Mohammedanism, Islam and the East, oriental arts-----	4751	dealers and individuals subject to certain sections of title 1, National housing act, list-----	4692
Mohler, Stanley R., résumé and index of reports of Civil Aeromedical Research Institute, 1961-62-----	4312	home mortgage transactions, FHA data-----	
Moire fringe measuring system for far infrared interferometric spectrometer-----	4254	selected housing areas, proposed homes-----	4693
Moldavites from Bohemia and Moravia, Czechoslovakian study-----	5530	States, proposed homes-----	4694
Moldenhauer, W. C., establishing vegetation on exposed subsoil in southern Iowa and northern Missouri-----	4197	homes, FHA regulations, amendment-----	4695
Molds (forms):		minimum property standards for urban renewal rehabilitation-----	4699
form for 2-way concrete joist floor and roof construction, recommendation of trade-----	5547	project, FHA regulations, amendments-----	4696
Molecular genetics and effect of radiation on heredity, USSR studies-----	4895	Morton, James G., remarks, Jan. 17, 1964-----	4412
Molecular weight, determination in polyethyleneterephthalate from terminal radicals-----	5534	Morton County, Kans., soil survey report-----	5694
Mollusks, Astoria formation in Oregon-----	4790	Motion pictures:	
Molt in northern fur seal-----	4744	industry review of 1963, outlook for 1964-----	4327
Molybdenum, niobium-molybdenum-zirconium ternary system, USSR investigation-----	4907	radiation in perspective, illustrated text of film lecture-----	4310
Molybdenum carbide, heats of combustion and formation-----	5484	Motor carriers:	
Le Monde (periodical):		cost of transporting freight-----	4872-73
indexes-----	5084	transport statistics, 1962-----	4881
Money:		<i>see also</i> Motor vehicle accidents.	
foreign currency reservations and conversions-----	5729	Motor fuel, <i>see</i> Gasoline.	
international monetary system, functioning and possible reform, hearings-----	4424	Motor vehicle accidents, investigation report-----	4876
<i>see also</i> Public funds.		Motor vehicles:	
Mongolia, translations-----	5173, 5328	Government employees in Alaska, transportation of private vehicles, report-----	4547
Monocacy Battle Centennial Day, designate, report-----	4468	industry wage survey-----	5439
Monographs, <i>see</i> names of departments, etc., issuing monographs.		parts, industry wage survey-----	5439
		USSR industrial development, translations-----	5056

INDEX

Entry		Entry	
Motortrucks in freight service, intercity trucking industry, review of 1963, outlook for 1964	4326	NASA, <i>see</i> National Aeronautics and Space Administration.	
Mouat mine, mining methods and costs	5475	NASA SP series	5501-3
Mount, <i>see</i> name of mountain, except when "Mount" occurs as first word of town, etc.		Natality, <i>see</i> Birth.	
Mount Rainier National Park, geology	4796	National Advisory Council on International Monetary and Financial Problems, report on international financial institutions, Apr. 1960-Mar. 1962	4432
Muffling devices, testing designs to quiet noise from pneumatic rock drills	5491	National Aeronautics and Space Administration:	
Mugridge, Donald H., Presidents of United States, 1789-1962	5457	contractor report CR (series)	5500
Multiphase fluids in porous media, review of theories pertinent to hydrologic studies	4789	educational programs, hearings	4568
Multiple jobholders in May 1963	5449	SP series	5501-3
Munse, Albert R.:		technical memorandums	5504-6
public school finance program, 1961-62, Puerto Rico	4633	technical notes	5507-22
public school finance program, 1962-63		technical reports	5523-29
American Samoa	4634	technical translations	5530-34
Canal Zone	4635	National Archives and Records Service, preliminary inventories series	5538
District of Columbia	4636	National banks, loans on forest tracts, liberalize restrictions, report.	4466
Guam	4637	National Bureau of Standards:	
Maine	4638	handbooks	5544
Maryland	4639	miscellaneous publications	5545
New Jersey	4640	monograph	5546
North Carolina	4641	physical constants recommended by NAS-NRC, adopted by NBS	5545
North Dakota	4642	technical notes	5549-50
Virgin Islands	4643	National Center for Health Statistics, organization and functions	5661
Murray, Barbara M., directory of International Confederation of Free Trade Unions	4870	National Cultural Center: rename John F. Kennedy Center for Performing Arts— hearings	4506 4450
Murray, John B., State supervisors of pupil transportation, directory	4647	National debt, <i>see</i> Public debt.	
Muscle relaxants, data on use, USSR study	5309	National defense: and Army welfare, Bulgaria	5039
Muscles, human skeletal, electromyography of tone in normal and pathological state, USSR study	5096	code of Federal regulations— education act of 1958— counseling and guidance training institutes program, announcement	4712 4628
Musen, Peter, modification of Hansen's theory of satellite orbit calculation	5524	Federal grants, inadequacies in administration, GAO report— language institutes program, 1964-65	4763 4629
Musical pitch: compensatory and pursuit tracking— primary auditory abilities in pitch and loudness	5466 5462	mobilization, report— strategy, military security, and arms control in thermonuclear world	4462 4276
Musser, John J., description of physical environment and of strip-mining operations in parts of Beaver Creek basin, Ky.	4792	strengthen, Communist China studies	5114
Mutual defense, <i>see</i> Military aid.		<i>see also</i> Civilian defense.	
Mutual defense assistance, <i>see</i> Foreign aid.		National electric rate book	4703-9
N		National Gallery of Art, general information	5551
N.A.S.A., <i>see</i> National Aeronautics and Space Administration.		National health survey, vital and health statistics	5666
N.B.S., <i>see</i> National Bureau of Standards.		National Herbarium, contributions from	5563
N.O.L., <i>see</i> Naval Ordnance Laboratory, White Oak, Md.		National Institute of Child Health and Human Development, research and training programs	5559
N.P.S., <i>see</i> National Park Service.		National Institute of Dental Research, addresses presented at 15th anniversary observance	5556
N.R.L., <i>see</i> Naval Research Laboratory.		National Institutes of Health, programs, work, etc.	5557
Nagle, Francis J., mitigation of physical fatigue with spartase	4314	National Mastitis Council, Inc., recommendations on mastitis screening procedures	5657
Nagy, John, experimental coal-dust and gas explosions	5490	National Mediation Board, report, 1963	5562
Nance, Earl C., soil survey, Woodward County, Okla.	5693	National monuments and memorials, <i>see</i> names of monuments or memorials.	
Narcotic and Drug Abuse, President's Advisory Commission, <i>see</i> President's Advisory Commission on Narcotic and Drug Abuse.		National Museum: report, 1963— departmental edition	5564 4431
Narcotics, President's Advisory Commission, report	5636	document edition	4431

MARCH 1964

	Entry		Entry
National Park Service:		Negroes, aging nonwhite and his	
career employment-----	5566	housing, how they live, analy-	
laws relating to, 1944-63-----	5568	sis of 1960 census data-----	4827
National parks, <i>see</i> names of parks.		Neighborhoods, urban renewal re-	
National Railroad Adjustment Board,		habilitation, minimum property	
report, 1963-----	5562	standards-----	4699
National Science Foundation, Inter-		NELIAC-N, tutorial report-----	5610A
national science notes-----	5572	Nerves:	
National security, internal security		cortical neurons, possibility of di-	
laws, etc., administration, in-		vision, USSR study-----	5004
vestigation, expenses, report-----	4558	efferent labyrinthine impulses in	
National service life insurance, <i>see</i>		frog-----	4259
Life Insurance.		Neuristor, investigation of model,	
National water quality network, an-		USSR study-----	5360
nual compilation of data-----	5659	Neurons, <i>see</i> Nerves.	
Nation's manpower revolution, hear-		New boundaries of reality (lecture)---	4308
ings-----	4589	New Castle County, Del., southern,	
Natural gas, <i>see</i> Gas.		ground water resources-----	4823
Natural resources, TVA, fish and		New England:	
wildlife-----	5720	annual survey of manufactures,	
Natural science, <i>see</i> Science.		1962, States, standard metro-	
Naturalization, investigation, author-		politan statistical areas, and	
ization, report-----	4557	large industrial counties, statis-	
Naval Academy, Annapolis:		tics-----	4342
appointment law, revise---		cost study of general freight trans-	
hearing-----	4571	portation-----	4872-73
report-----	4567	New Hampshire, annual survey of	
Naval art and science, hydroacoustical		manufactures, 1962, standard	
means of surveillance, prospec-		metropolitan statistical areas,	
USSR study-----	5204	and large industrial counties,	
Naval education, Navy training		statistics-----	4342
courses-----	5580-81, 5583-85	New Jersey:	
Naval installations, <i>see</i> Installations		annual survey of manufactures,	
(military).		1962, standard metropolitan	
Naval Medical Research Laboratory,		statistical areas, and large in-	
reports-----	5462-69	dustrial counties-----	4343
Naval Oceanographic Office, publica-		compact concerning Delaware River	
tions-----	5574-79	Port Authority, consent of	
Naval Ordnance Laboratory, White		Congress, hearing-----	4505
Oak, Md., technical report-----	5620	electric rate book-----	4708
Naval Research Laboratory, report		public school finance program,	
series-----	5587-5616	1962-63-----	4640
Naval Training Device Center, Port		New Mexico, tellurium resources----	5493
Washington, technical report-----	5586	New York State, annual survey of	
Naval vessels, <i>see</i> Warships.		manufactures, 1962, standard	
Naval Weapons Bureau, ordnance		metropolitan statistical areas,	
pamphlet OP series-----	5622	and large industrial counties--	4343
Navigation, <i>see</i> Air navigation.		Newspapers, <i>see</i> Press.	
NAVTRADEVCEEN, <i>see</i> Naval Training		Nghien-cuu kinh-te (periodical):	
Device Center, Port Wash-		translations-----	5272
ington.		NICHO, <i>see</i> National Institute of	
Navy:		Child Health and Human De-	
fleet ballistic missile, human fac-		velopment.	
tors design standards for---		Nichols, Paul R., crab larvae (Cal-	
equipment-----	5619	linectes), in plankton collec-	
systems-----	5618	tions from cruises of M/V	
leasing of naval properties in Vir-		Theodore N. Gill, South At-	
gin Islands, status, hearings---	4588	lantic coast, 1953-54-----	4743
Navy Department:		Nickel, welding nickel and its alloys,	
erroneous purchase of technical		USSR-----	5259
data package from Westing-		NIDR, <i>see</i> National Institute of Den-	
house Electric Corporation,		tal Research.	
GAO report-----	4756	Nigeria, labor, etc.-----	5435
excessive prices paid for propul-		Night vision, <i>see</i> Sight.	
sion reduction gears purchased		Nimbus spacecraft, <i>see</i> Satellites.	
from Westinghouse Electric		Niobium:	
Corp., Sunnyvale, Calif., GAO		alloys, local order and solid-solu-	
report-----	4759	tion strengthening study-----	4226
forms management guide-----	5624	niobium-tungsten-zirconium and	
presentations-----	5626	niobium-molybdenum-zirconium	
refunds of group insurance premi-		ternary systems, USSR in-	
ums by Grumman Aircraft En-		vestigation-----	4907
gineering Corporation, GAO		welding niobium and its alloys,	
report-----	4762	USSR study-----	4911
Navy training courses, <i>see</i> Naval edu-		Nitrogen:	
cation.		absorption of infants fed on lante	
NBS, <i>see</i> National Bureau of Stand-		milk in acute gastrointestinal	
ards.		diseases-----	5027
Neef, Arthur, labor law and practice		flow, real-gas charts-----	5511
in Mexico-----	5431	Noise:	
Neff, W. J., launch environment pro-		aircraft, citizen's guide-----	4674
files for sounding rockets and		explosives testing, abatement-----	5494
spacecraft-----	5508	<i>see also</i> Muffling devices.	
		NOL, <i>see</i> Naval Ordnance Laboratory,	
		White Oak, Md.	

INDEX

Entry	O	Entry
Nominations, <i>see</i> names of persons.		
Nonlinear equations, <i>see</i> Equations.		
Norfolk, Va., aerial radiological measuring survey (ARMS)-----	4293	
North America:		
contributions to ethnology, index-----		
departmental edition-----	4272	
document edition-----	4427	
North Atlantic Treaty Organization, new dimension in Atlantic partnership (address)-----	5098	
North Carolina:		
aerial radiological measuring survey ARMS, Norfolk Peninsula area-----	4293	
public school finance program, 1962-63-----	4641	
North Dakota, public school finance program, 1962-63-----	4642	
North Korea, <i>see</i> Korea.		
North Vietnam, <i>see</i> Vietnam.		
Northern Hemisphere, <i>see</i> Hemisphere, Northern.		
Northridge, Calif., railroad accident.	4879	
Norton, James J., Geology and mineral deposits of some pegmatites in the southern Black Hills, S. Dak-----	4783	
Novak, Gertrude C., testimony, hearings-----	4594	
Novosibirsk Scientific Center, organization, activities, etc-----	4992	
Novosibirsk State University, USSR, translation of pamphlet-----	5003	
NRL, <i>see</i> Naval Research Laboratory.		
NSLI, <i>see</i> Life insurance.		
Nuclear energy, <i>see</i> Atomic energy.		
Nuclear engineering:		
challenge of new scientific environment (remarks)-----	4309	
Soviet nuclear power engineering, information on-----	5141	
Nuclear explosions, base surge analysis, Project Pre-Buggy-----	4298	
Nuclear fuel, <i>see</i> Reactor fuels.		
Nuclear power, <i>see</i> Atomic energy.		
Nuclear powered ships:		
atmosphere purification, diaphragms for sulfate cycle electrolytic cell-----	5615	
N.S. Savannah, use of Belgian ports and waters, agreement-----	5699	
naval surface vessels, nuclear propulsion, hearings-----	4423	
submarines, feasibility of oxygen production by algae-----	5602	
Nuclear superheat project:		
11th quarterly report-----	4295	
14th quarterly report-----	4296	
Nuclear weapons, <i>see</i> Weapons.		
Nucleic acids, role in differentiation and malignant degeneration, USSR studies-----	4904	
Nucleoprotides, localization in oocytes of frogs, detection by means of ultraviolet and luminescent microscopy, USSR study-----	5007	
Nuclides, <i>see</i> Radionuclides.		
Nurses and nursing, professional nurse traineeship program, report of 1963 evaluation conference, nurses for leadership-----	5660	
Nutrition, benthophagous fish in Lake Dalaynor, Chinese People's Republic-----	5001	
<i>see also</i> Food.		
Nuts, search for harder nuts-----	4188	
Nygaard, Hjalmar C., memorial services-----	4416	
Nystagmus, caloric, cat following rotary habituation-----	4315	
O.A.S.I. series-----		5687-88
OBR series-----		4850-62
O'Brien, Donough, galactosemia, selected bibliography-----		4358
Occupational wage surveys, <i>see</i> Wages.		
Occupations:		
career opportunities—		
Internal Revenue Service—		
estate tax examiner-----	4834	
revenue agent-----	4840	
revenue officer-----	4841	
special agent-----	4842	
tax technician-----	4844	
medical technologists and technicians-----	5744	
careers in Internal Revenue Service-----	4833	
data from 1960 census by State, health manpower source book-----	5653	
<i>see also</i> names of occupations, industries, etc.		
Ocean currents, tidal, surveys by photogrammetric methods-----	4407	
Oceanography:		
northeast Pacific albacore survey, 1961-----	4741	
physical, scientific works, 1960-62, USSR-----	5339	
red-tide organisms, <i>Gymnodinium breve</i> , etc., from Florida west coast, 1960-61-----	4745	
submarine research, new trends in development, USSR study-----	5315	
O'Hara, G. J., numerical method for transient response of nonlinear systems-----	5589	
O'Hare, John J., auditory abilities in pitch and loudness-----	5462	
Ohio River Division Laboratories, technical report-----	4670	
Oil, <i>see</i> Petroleum.		
Oil pipe lines, <i>see</i> Pipe lines.		
Oils, Federal supply catalog, management data list, change-----		4601
<i>see also</i> Lubricants.		
Old-age and survivors insurance, OASI series-----		5687-88
Oliver, William A., Jr., Devonian colonial coral genus <i>Billingsstraea</i> and its earliest known species-----		4798
Omniranges, VOR, airborne receiving equipment for air carrier aircraft, technical standard order-----		4684
Oncorhynchus, <i>see</i> Salmon.		
Onions, stocks, Jan. 1, 1964-----		5713
Ontario, Calif., occupational wage survey-----		5437
Oocytes:		
frogs—		
localization of nucleoprotides, detection by means of ultraviolet and luminescent microscopy, USSR study-----		5007
nuclear structures, investigation, USSR study-----		5269
OP series-----		5622
Open market policy process-----		4716
Operation Bren (evaluation of radiation doses received by persons exposed to nuclear weapons)-----		4294
Operation Chlorine, Public Health Service report-----		5663
Opinions, <i>see</i> names of courts, etc., rendering opinions.		
Optical quantum oscillators, <i>see</i> Lasers.		

Entry	Entry
Orbits:	Oxygen—Continued
interplanetary missions, high-energy chemical stages performance analysis.....	production by algae for nuclear submarines.....
satellite, computation by Hansen method as modified by Musen.....	production by algae in small culture unit, factors affecting.....
Orders, <i>see</i> names of departments, etc., issuing orders.	speech during respiration of mixture of helium and oxygen.....
Ordinance pamphlet, Naval Weapons Bureau.....	toxicity, time-concentration effects in man.....
Oregon:	P
miocene marine mollusks from Astoria formation.....	P.R.L., <i>see</i> Personnel Research Laboratory.
north-central, John Day formation, geology.....	PA series.....
Pacific slope basins, floods, magnitude and frequency.....	PACER, <i>see</i> Portable aircraft condition evaluator recorder.
surface water records, Oct. 1950–Sept. 1960.....	Pacific Coast:
Ores, <i>see</i> names of metals or minerals.	Alaska, coast pilot, Dixon Entrance to Cape Spencer, supplement.....
Organic compounds, fluorinated, surface activity adsorbed at organic-liquid/air interfaces.....	coastal warning facilities chart, 1963.....
Organisms, marine, cytochemical studies of early stages, USSR.....	Pacific Ocean, northeast, albacore oceanography survey, 1961.....
Organization of American States, Inter-American Economic and Social Council, report of first annual review of alliance for progress.....	Pacific States, Pacific slope basins in Oregon and lower Columbia River basin, surface waters, Oct. 1950–Sept. 1960, records.....
Organizations, U.S. selected private organizations special activities, impact abroad, hearings.....	Packaging, requirements code, military standard.....
Organs, lost, regenerative processes.....	Packing industry:
Orr, Robert L., occupational wage survey, San Bernardino–Riverside–Ontario, Calif., Sept. 1963.....	packers and stockyards act, applicable to—
Orthopedic disabilities, <i>see</i> Disabled.	auction markets.....
Oscillators, <i>see</i> Lasers.	livestock producers.....
Otis, Jack, speech, Nov. 5, 1963.....	Paint:
Otolaryngology, labyrinthine efferent impulses in frog.....	engineered performance standards—
Otoliths, role in taxonomic analysis of fish, USSR study.....	formulas.....
Our flag.....	handbook.....
Our Lady of Lourdes Memorial Hospital, claim, report.....	fluorescent color specification, Beckman model DK-2 spectrophotometer.....
Outdoor Recreation Bureau, development of recreational opportunities, etc. (remarks).....	Pakistan, economy, basic data.....
Outer space:	Paleontology, <i>see</i> Fossils.
activities of Federal depts., etc., investigate, authorization, report.....	Pallets (materials handling):
exploration, etc.—	storing fruits and vegetables in wholesale warehouses.....
man-in-space program, Project Mercury ballistic and orbital chimpanzee flights.....	Pamphlets, <i>see</i> names of departments, etc., issuing pamphlets.
new frontier.....	Panels (aircraft):
extraterrestrial stations, uses, etc., USSR study.....	rectangular, thermal stresses and deflections.....
lubrication requirements for space environments.....	Panola County, Miss., soil survey report.....
research—	Papers, <i>see</i> Records.
East European scientific abstracts.....	Paperwork (office practice):
facilities, training, and research grants programs of NASA.....	forms management, Navy Department guide, change.....
United States space activities, report 1963—	Paraguay, foreign trade regulations.....
departmental edition.....	Paraplegics, housing program, expand, hearing.....
document edition.....	Parastofanna of pond-raised carp, USSR study.....
<i>see also</i> Life support systems.	Parasitology, <i>see</i> Zooparasitology.
Outpatient services, <i>see</i> Clinics.	Parents, absent, of children receiving AFDC, coordination in location, report of meeting.....
Oversea service, Federal jobs.....	Parliamentary conferences, <i>see</i> Mexico-United States Interparliamentary Group.
Overseas business reports.....	Patent examiners, manual of procedure, change notice.....
Owen, R. W., jr., northwest Pacific albacore oceanography survey, 1961.....	Patents:
Oxidation, thermal, high polymers, literature survey.....	Eastern Utilization Research and Development Division, list.....
Oxygen:	examining procedure, manual change notice.....
effect on properties and heat treatment of titanium alloy VT 14.....	Polish, abstracts, translations.....
	Pathology:
	cholinergic processes, USSR study—
	muscle tone, electromyography, USSR study.....
	Patients in mental institutions, 1961—
	Patterson, James L., floods of lower Mississippi River basin.....

INDEX

	Entry		Entry
Pavements, airfield, rigid, overlay test track, Sharonville, Ohio	4670	Petroleum—Continued	
Pay, <i>see</i> Wages.		world oil prospecting, principal results and trends	5199
Peace, war and peace, 2 different lines of questions, Communist Chinese comment on open letter of CPSU	4971	<i>see also</i> Pipe lines.	
Peanuts:		Petrology, <i>see</i> Rocks.	
effects of close-row spacings on yield and production equipment requirements	4220	pH, <i>see</i> Hydrogen-ion concentration.	
marketing	4206	Pharmaceuticals, <i>see</i> Drugs.	
Pearson, Walter E., direct solution of governing equation for radiation-resisted shock waves	5519	Pharmacists, examination announcement	4392
Peck, Dallas L., geologic reconnaissance of Antelope-Ashwood area, Oreg.	4778	Phase studies, diagram for system vanadium pentoxide-zinc oxide	5605
Pedagogy, <i>see</i> Education.		Phelan, Howard T., computation of satellite orbits by Hansen method as modified by Musen	5524
Pegmatite:		Phenogenetic analysis of variability in plant populations, USSR	5032
and other Precambrian rocks in southern Black Hills (series)	4783	Phenomenological model of thermophototropism	5525
geology and mineral deposits, southern Black Hills, S. Dak.	4783	Phenylketonuria, bibliography, 1963	4361
Penicillin, prolonged action by use of polyvinyl pyrrolidone, USSR study	5068	Phillips, Arthur M., jr., trout feeds and feeding	4728
Penitentiaries:		Philosophy:	
East Germany	5406	cybernetics, problems, USSR study	5128
national investigation, authorization, report	4560	fighting task of workers	5217
Pennington, R. T.:		interrelationship of physiology and cybernetics problems, USSR study	5374
nuclear superheat project—		Phosphoric acid, high-toxic organic esters analysis, Hungarian study	5257
11th quarterly report	4295	Photoelasticity, materials, static and dynamic properties	5596
14th quarterly report	4296	Photogrammetry, <i>see</i> Photographic surveying.	
Pennsylvania:		Photographic apparatus and supplies, light box for photographing fish and invertebrates at sea	4732
annual survey of manufactures, 1962, standard metropolitan statistical areas, and large industrial counties	4343	Photographic surveying, tidal current surveys	4407
compact concerning Delaware River Port Authority, consent of Congress, hearing	4505	Photons, interference properties	4230
Peralta, John A., relief	4446	Physical constants, recommended by NAS-NRC, adopted by NBS	5545
Perception:		Physical fitness, fatigue, mitigation with spartase	4314
auditory, sensitivity to unidirectional frequency modulation	5463	Physical geography, Bulgaria	5040
binaural beat problem	4316	Physicians:	
depth from binocular disparity	4313	medical groups, United States, 1959	5658
factors affecting visual and auditory analyzers, Soviet research	5049	student loans, amend Public Health Service act to permit partial cancellation for practicing in shortage areas, report	4533
visual, color, factors affecting in induced fields	5464	Physics:	
<i>see also</i> Sight.		East European scientific abstracts	4967, 5231
Periodicals, Government, price list	5642	engineering, journal, translations	5320, 5327
Periodontal disease, caries, oral glucose tolerance responses in males	4260	USSR scientific abstracts	5170
Peritoneum, bovine, use in treatment of burns, USSR study	5002	Physiology:	
Permafrost, research, selections from Merzlotnye issledovaniya	5015	act of attention, USSR study	5206
Personal affairs, your personal affairs, DoD pamphlet	4275	cybernetics interrelationship, philosophical problems, USSR study	5374
Personal property:		USSR, plant physiology from standpoint of microbiology, book review	5408
Federal surplus, donation, Federal civil defense guide	4370	USSR research	5336
seized, tax disposition, regulations	4845	Phytogeography, discussion of 3 Soviet books on geobotany	5410
Personnel administration, <i>see</i> Administrative management.		Pierce, Idaho, Idaho batholith	4785
Personnel Research Laboratory, technical documentary report	4256	Pierce County, Wash., coal study of Wilkeson area	5498
Personnel services in education, pupils' problems	5450	Pilot guides, <i>see</i> Coast pilots.	
Pesticides, economic poisons, labeling and registration, report	4480	Pilots and pilotage, <i>see</i> Astronauts—Aviators.	
Pests, <i>see</i> Diseases of plants.		Pinal County, Ariz., ground-water conditions in Rainbow Valley and Waterman Wash areas	4814
Petroleum:		Pins, <i>see</i> Safety pins.	
exploratory well in Azerbaydzhan, USSR study	5344	Pinson, J. D., lubrication requirements for space environments	4253
products, survey (series)	5479		
progress of East European processing industry	5278		

	Entry		Entry
Pipe and pipe fittings:		Pollution of water, <i>see</i> Water pollution.	
acrylonitrile-butadiene-styrene plastic pipe, standard of trade	5541	Polyethylene, plastic pipe, standard of trade	5542
polyethylene plastic pipe, standard of trade	5542	Polyethylene terephthalate, molecular weight determined from terminal radicals	5534
polyvinyl chloride (PVG) plastic pipe, standard of trade	5543	Polymers and polymerization:	
Pipe lines:		high polymers, thermal degradation, oxidation, and analysis, literature survey	4608
gas distribution, engineering manual, change	4669	wettability of solid polymers, effect of partially fluorinated additives	5601
oil, transport statistics, 1962	4881	<i>see also</i> Polyethylene terephthalate.	
Poland, Druzhba oil pipeline, prospects for development of chemistry	5157	Polyspermy-blocking mechanism in echinoderms, USSR	4978
Pitch (music), <i>see</i> Musical pitch.		Polyvinyl chloride, <i>see</i> Pipe and pipe fittings.	
Plankton, records and observations from grid studies off Baja, California, Apr. 1952	4740	Polyvinyl pyrrolidone, use to prolong action of penicillin and streptomycin, USSR study	5068
Planning farm for profit and stability	4199	Ponds, <i>see</i> Fish ponds.	
Plant physiology, <i>see</i> Physiology.		Population:	
Plants:		current population reports—	
accumulation of cesium concentration, effect	4970	population characteristics, series	4349
variability in populations, phenogenetic analysis, USSR study	5032	special censuses series	4350-52
<i>see also</i> Diseases of plants.		distribution, urban and rural, U.S., 1960, map	4356
Plasma, stark profile measurement of Lyman- α and Lyman- β lines	5608	mobility, Apr. 1961-Apr. 1962	4349
PLASTECC note	4608	Pork, loins and chops, frozen, evaluation	5715
Plastics:		Poroshkovaya metallurgiya (periodical):	
PLASTECC note	4608	translations	4969
shipments of selected products, 1962, current industrial reports	4348	Portable aircraft condition evaluator recorder, Project PACER, technical report	5724
<i>see also</i> names of articles made from plastics.		Post Office and Civil Service Committee, Senate:	
Plastics Technical Evaluation Center, PLASTECC note	4608	additional clerical assistant, report	4546
Plowshare Program (civil, industrial and scientific uses for nuclear explosives)	4298	hearings	4591-92
Plumber's supplies, plumbing fixtures, vitreous china, standard of trade	5539	investigations and studies, postal service and civil service, expenses, report	4545
Plumbing fixtures, <i>see</i> Plumber's supplies.		reports	4545-56
Plutonium:		Post Office Department, Assistant Postmaster General, Bureau of Facilities, nomination of Tyler Abell, hearing	4592
alloys, USSR study	4913	Postal Savings System, report of operations, 1963	4438
selected measurement methods in nuclear fuel cycle	4303	Postal service, investigation, expenses, report	4545
Pneumoencephalography, interpretation of axial transverse encephalography, new concept	5553	<i>see also</i> International postal service.	
Pocket guides, Great Britain	4278	Posters, smallpox vaccination, international certificate, requirement	5665
Poisons:		Posture, good posture for boys and girls	4621
economic, labeling and registration, report	4480	Potash, compressive strength versus length-diameter ratios	5486
high-toxic organic phosphoric-acid esters, analysis, Hungarian study	5257	Potassium, high temperature properties	5614
Poland:		Poultry:	
Academy of Sciences, new members, 1962	5047	farm management	4202
chemical industry in OMEA	5195	plants operating under inspection and grading programs, list	4177
Druzhba oil pipeline and prospects for development of chemistry	5157	Powder metallurgy, <i>see</i> Metallurgy.	
patents, abstracts, translations	4338	Powder metallurgy (USSR periodical):	
provincial press, summaries	4932	translations	4969
5041, 5138, 5182, 5263, 5386		Power:	
Polaris missile, <i>see</i> Missiles.		Communist China, translations	4933, 4958, 4988, 5077, 5235, 5265
Political rights of women, <i>see</i> Women.		machinery, USSR industrial development, translations	5089
Politics:		<i>see also</i> Electricity.	
Communist China, translations	4897, 4930, 4997, 5066, 5117, 5191, 5242, 5280, 5303, 5330.		
Eastern Europe, translations	5311, 5365		
North Korea, translations	5054		
North Vietnam, translations	5211, 5253, 5273, 5287, 5341, 5412		
Pollard, A. J., proposed phase diagram for system vanadium pentoxide-zinc oxide	5605		
Pollution of air, <i>see</i> Air pollution.			

INDEX

	Entry		Entry
Pravda (periodical): editorials, translations-----	4981, 5012, 5065, 5082, 5131, 5177, 5209, 5282, 5297, 5322, 5400.	Price, Paul M., mining methods and costs, Monat mine, American Chrome Co-----	5475
Prayers, school, Supreme Court opin- ions, print additional copies, reports-----	4456, 4534	Price lists, <i>see</i> Government publica- tions.	
Pre-Cambrian period, pegmatites and other rocks in southern Black Hills (series)-----	4783	Prices: deceptive pricing, guides against--	4726
Precipitators, copper dust, laboratory smelting-----	5483	rising prices, impact on younger and older consumers-----	5429
Precision instruments, USSR indus- trial development, transla- tions-----	5164, 5183	<i>see also</i> names of commodities.	
Prefabricated houses, <i>see</i> Houses.		Prince, E., calculation of magnetiza- tion vs. temperature curves for ferrimagnetic materials-----	5595
Presentations, analysis, key to effec- tive briefings-----	5626	Prince William Forest Park, general information-----	5569
President of United States: career staff to the President-----	4322	Prindle, Richard A., industry and oc- cupation data from 1960 census by State, health manpower source book-----	5653
economic report-----		Printing, guidelines for planning com- puter printout for printing press production-----	5627
departmental edition-----	5635	Printing machinery, industry, review of 1963, outlook for 1964-----	4334
document edition-----	4442	Private Employment Committee re- port-----	5639
inaugural address of John F. Ken- nedy, print as House document in form suitable for framing, report-----	4475	PRL, <i>see</i> Personnel Research Labora- tory.	
Kennedy 3-year record, summary-- messages, <i>see</i> , in main alphabet, sub- ject of message.	4516	Problems of ingot temperatures, USSR-----	5403
President Kennedy's visit to USS Observation Island to observe Polaris firing, Nov. 16, 1963, photographic record-----	5621	Problemy arktiki i antarktiki (peri- odical): translations-----	5388
presidential transition act of 1963, report-----	4526	Processing of food, <i>see</i> Food process- ing.	
Presidents of U.S., list of references 1789-1962-----	5457	Proclamation, <i>see</i> subjects of pro- clamations.	
Thanksgiving Day proclamation of John F. Kennedy, print as House document, report-----	4474	Procurement, <i>see</i> Military supplies-- <i>also</i> names of commodities pro- cured.	
President's Advisory Commission on Narcotic and Drug Abuse, re- port-----	5636	Production: national defense, report-----	4462
President's Commission on Status of Women: report of Home and Community Committee-----	5638	output per man-hour index, selected industries-----	5441
report of Private Employment Com- mittee-----	5639	research reports-----	4219-21
President's Committee on Employ- ment of the Handicapped, an- nual meeting, 1963, report-----	5423	<i>see also</i> names or classes of com- modities.	
President's Committee on Juvenile Delinquency and Youth Crime, implications for education (speech)-----	5762	Products, <i>see</i> Commercial products.	
President's Council on Aging, employ- ment opportunities, etc., for the aging, report-----	5640	Professional papers, Geological Sur- vey-----	4783-98
Press: Albania, information reports-----	4946, 5288	Professors, <i>see</i> Teachers.	
Bulgarian provincial, summaries--	4915, 5150, 5325	Program aid series-----	4217
Czechoslovak provincial, summa- ries-----	4890, 5072, 5121, 5194	Programmed instruction: chemistry teaching, USSR study--	5044
Hungarian provincial, summaries--	4941, 5143, 5161	first result of work with pro- grammed textbook, USSR study-----	5301
Indonesian, surveys-----	4937, 5130, 5377	Programming (computers), <i>see</i> Elec- tronic computers.	
Polish provincial, summaries-----	4932, 5041, 5138, 5182, 5263, 5386	Project Fire (flight reentry program): static longitudinal characteristics after reentry-package separa- tion-----	5515
Rumanian provincial, summaries--	4998, 5240, 5281	Project Mercury (man-in-space pro- gram): ballistic and orbital chimpanzee flights, results-----	5501
world, epidemiology reports-----	5172	Project PACER, <i>see</i> Portable aircraft condition evaluator recorder.	
Press releases, <i>see</i> names of offices is- suing releases.		Project Pre-Buggy, base surge anal- ysis-----	4298
Pressmen, examination announce- ment-----	4398	Propellants, liquid, handling and storage, corrections-----	4597
Pressure vessels, neutron embrittle- ment of steels in reactor-----	5613	Property, minimum standards for urban renewal rehabilitation--	4699
Prevention of liquid spreading or creeping-----	5604	<i>see also</i> Personal property--Public property.	
		Property rights, family and property law, women, Iowa, summary--	5764
		Propulsion, nuclear, for naval surface vessels, hearings-----	4423
		Prostheses, upper extremities, hy- draulic, pneumatic and elec- trical devices, USSR study-----	5356

MARCH 1964

	Entry
Protection against radioactive fallout (Russian periodical): translations -----	4983
Protective shelters: fallout—	
bunker-type for beef cattle, farm building plan -----	4214
farm potato storage, farm building plan -----	4215
industrial architecture -----	4372
Proteins, metabolism, effect of cold -----	4251
Public buildings, sites for Federal buildings, land acquisition, how and why -----	4774
Psychiatric clinics, <i>see</i> Clinics.	
Psychoacoustics, relation of perstimulatory adaptation to other short-term threshold-shifting mechanisms -----	5467
Public accommodations, <i>see</i> Civil rights.	
Public debt, Treasury Department circulars -----	5730-31
Public Documents Division, price lists -----	5642-43
Public funds:	
deposit regulations, Treasury Dept. circular -----	5728
special deposits of public moneys -----	5727
Public health, <i>see</i> Health.	
Public Health Service:	
conference with Children's Bureau, etc., 1963, preliminary report of actions -----	5662
environmental health programs, career information -----	5652
Operation Chlorine, report -----	5663
student loans, partial cancellation for physicians and dentists who practice in shortage areas, report -----	4533
Surgeon General's Advisory Committee on Smoking and Health, report -----	5664
Public Housing Administration, low-rent housing projects, high costs of sites in San Francisco area, GAO report -----	4761
Public information, scientific, activities of Federal agencies -----	5573
Public lands, Interior Department decisions, digest -----	4831
Public laws, <i>see</i> Law.	
Public moneys, <i>see</i> Public funds.	
Public property, Federal property and administrative services act, amend, report -----	4548
Public schools, <i>see</i> Schools.	
Public works:	
appropriations, 1964, report -----	4458
HHFA planned program, additional funds, hearing -----	4573
maintenance, engineered performance standards—	
electrical, electronic handbook -----	5773
engineer's manual -----	5774
paint formulas -----	5775
paint handbook -----	5776
planning programs, inadequate collections procedures, etc., by Community Facilities Administration, HHFA, GAO, report -----	4764
Public Works Committee, House:	
hearings -----	4505-06
report -----	4459
Public Works Committee, Senate:	
hearings -----	4506
reports -----	4529-30
Publications, <i>see</i> Government publications— <i>also</i> names of departments, etc., issuing publications— <i>also</i> subjects.	

	Entry
Puerto Rico, public school finance program, 1961-62 -----	4633
Pulses:	
frequency-modulated, use of recirculators for compression, USSR study -----	5020
frequency-modulation telemetry -----	5529
Pumpkins, growing -----	4200
Pumps, pumping station for fire protection of hangars, Air Force, engineering manual change -----	4667
Pupils (student), <i>see</i> Students.	
Pyle, Jon S., flight pressure measurements on forward fuselage of X-15 airplane -----	5521
Pyrrolidone, <i>see</i> Polyvinyl pyrrolidone.	
Q	
Quality control, representatives handbook -----	4598
Quantum mechanics, interference properties of photons -----	4230
Quantum oscillators, <i>see</i> Lasers.	
Quarrel application and test methods for cotton thread -----	5671
Quartermaster Corps of Army, textile series report -----	5671
Questions and answers on guaranteed and direct loans for veterans -----	5745
Quillian lecture -----	4308
Quinuclidine, synthesis of 2,5-disubstituted, USSR study -----	5334
R	
R.A.D.C., <i>see</i> Rome Air Development Center.	
R.E.A., <i>see</i> Rural Electrification Administration.	
Rabbits, influence of low concentration of light aerolons on cardiac activity -----	5373
Race problems:	
public accommodations, eliminate discrimination, hearings -----	4577
racial discrimination, problems, eliminating (remarks) -----	5637
<i>see also</i> Discrimination in employment.	
Radar:	
four-frequency master console -----	5590
investigation of meteors at high rates of detection -----	5522
terminal service area control concept, evaluation -----	4268
RADC, <i>see</i> Rome Air Development Center.	
Rader, George L., relief -----	4448
Radiant energy, surface energy balance in arid lands, agriculture, 1960-61 -----	4219
Radiation:	
micronecrotic foci of hemopoietic organs of animals exposed, USSR study -----	5229
molecular genetics and effect on heredity, USSR studies -----	4895
radiation in perspective, illustrated text of film lecture -----	4310
resisted shock waves, direct solution of governing equation -----	5519
<i>see also</i> Ionizing radiation—Radiant energy—Radioactivity—Van Allen radiation belts.	
Radiation illness:	
acute—	
dogs, humoral component in effect of bone marrow transplantation, USSR study -----	4905
pathological anatomy experiment, atlas -----	4291

INDEX

	Entry		Entry
Radiation illness—Continued		Railways. <i>see</i> Railroads.	
autoinfection, failure of antibiotic		Rainbow Valley, ground-water condi-	
therapy -----	4939	tions in area -----	4814
injury and sickness, treatment,		Rainier, Mount, morphology and hy-	
USSR study -----	5193	drology of glacial stream -----	4791
role of functional stress in locali-		Rana temporaria, <i>see</i> Frogs.	
zation of radiation injury -----	4900	Range lands, research methods, sym-	
Radio		posium -----	4212
broadcasting, advertisements,		Rates, <i>see</i> Electricity.	
prohibit F.C.C. from making		Rats:	
rules rel. length, etc., report -----	4483	cold exposed—	
Radio frequency modulation:		and control, cell proliferation in	
pulse-frequency-modulation teleme-		adrenal -----	4247
try -----	5529	metabolic studies of amino acid	
pulses, use of recirculation for com-		imbalance -----	4249
pression, USSR study -----	5020	Raup, Ruth M., medical groups in	
unidirectional, sensitivity -----	5463	United States, 1959 -----	5658
Radio in navigation, aids, 1963 -----	5579	REA, <i>see</i> Rural Electrification Admin-	
Radio waves, lunar reflection circuit		istration.	
use in study of ionospheric		REA bulletin -----	5676
electron density -----	5609	Reactor fuels, selected measurement	
Radioactive isotopes, <i>see</i> Isotopes.		methods for plutonium and	
Radioactive waste disposal, dispersion		uranium in nuclear fuel cycle -----	4303
of dissolved or suspended ma-		Reactors (atomic):	
terials in flowing streams -----	4794	nuclear superheat project, quarterly	
Radioactivity:		reports -----	4295-96
aerial radiological measuring sur-		steels, neutron embrittlement -----	5613
vey (ARMS):—		Real estate, District of Columbia hori-	
Las Vegas area -----	4292	zontal property act, hearings -----	4578
Norfolk-Peninsula area -----	4293	Receipts and expenditures, <i>see</i> Fi-	
alkaline leach milling processes -----	5492	nance.	
fallout—		Recipes, sweetpotato -----	4205
and winds -----	4373	Reclamation Bureau:	
defense against, USSR studies -----	5342	earth manual -----	5672
meteorological data application		publications available for sale, list -----	5673
to RADEF -----	4367	Reclamation of land, Grand Valley	
protection against, USSR arti-		Water Users' Association, re-	
cles -----	4983	payment contract, modify, re-	
fallout shelters—		port -----	4525
bunker-type for beef cattle, farm		Reclamation projects, <i>see</i> Reclama-	
building plan -----	4214	tion of land.	
industrial architecture -----	4372	Recombination reactions, volume re-	
potato storage, farm building		combination of cesium ions,	
plan -----	4215	final report -----	5725
fission products of cystoselra in		Reconnaissance (geologic):	
Black Sea, variation in con-		Antelope-Ashwood area, north-cen-	
tent, USSR study -----	5028	tral Oregon -----	4778
protection, general correlative stud-		Records:	
ies, operation Bren -----	4294	employers, kept under fair labor	
recommendations of International		standards act—	
Commission on Radiological		general requirements -----	5750
Units and Measurements 1962,		miscellaneous exemptions, etc. -----	5751
addendum -----	5544	Government departments, etc., dis-	
<i>see also</i> Radiosensitivity.		positions, reports -----	4463, 4481
Radioisotopes, <i>see</i> Isotopes.		papers in Library of Congress, regis-	
Radiological Units and Measure-		ter, William S. Culbertson -----	5458
ments, International Commis-		transferred, certification of facts by	
sion, <i>see</i> International Commis-		GSA administrator, report -----	4548
sion on Radiological Units		<i>see also</i> names of departments,	
and Measurements.		etc.— <i>also</i> subjects.	
Radionuclides, transport by streams		Rectal temperature of working sled	
(series) -----	4794	dog -----	4250
Radiophysics, USSR, news of higher		Red flag (Chinese periodical):	
educational institutions -----	5236	translations -----	4974, 5217, 5389
Radiosensitivity:		Red Mountain formation, relation be-	
cytological analysis of sensitivity		tween specific gravity and iron	
of tissues of mammals, USSR		content of rocks -----	4781
study -----	5092	Red tide, courts of organisms, Gym-	
mammalia, inherited structures of		nodinium breve, and associated	
cells in vitro, USSR study -----	5033	oceanographic data from Flori-	
Railroad accidents, accident bulletins	4877-	da west coast, 1960-61 -----	4745
	80	Redevelopment (city planning, etc.):	
Railroads:		grant applications—	
class 1, line-haul, value of property		local review, report -----	4542
used in common carrier serv-		national survey -----	4583
ice -----	4875	urban renewal rehabilitation, mini-	
private car lines, transport statis-		mum property standards -----	4699
tics, 1962 -----	4881	Redkey, Henry, rehabilitation prac-	
Railroads, Commissioner of, <i>see</i> Com-		tices in Germany -----	5749
missioner of Railroads.		Reed, Sarah R., library education di-	
Rails, hot-rolled rail steel bars, pro-		rectory 1962-63 -----	4624
duced from tee-section rails,		Reentry vehicles, <i>see</i> Spacecraft.	
standard of trade -----	5540		

	Entry		Entry
Referativnyy zhurnal, <i>biologiya</i> (periodical):		Revolving funds—Continued	
abstracts	4938, 4999, 5098	Veterans Administration, relief	
Reflexes, conditioned, responses to		from paying interest on funds	
magnetic field in fish	5533	transferred between funds—	
Refractory materials, <i>see</i> names of		hearings	4511
materials		report	4478
Refractory metals, <i>see</i> Metals.		Rewards, prizes, etc.:	
Refrigerators, household, safety devices for doors, progress, hearing	4500	export expansion, E award to New Jersey Chamber of Commerce (remarks)	4414
Refuges, <i>see</i> Wildlife refuges.		presentation of award to Chauncey B. Smythe (remarks)	4413
Regeneration (biology):		Reynolds, Don B., testimony, hearing—	4594
controversial problems with modern teachings, USSR study	4892	Rhode Island, annual survey of manufactures, 1962, standard metropolitan statistical areas, and large industrial counties, statistics	4342
cortical neurons, possibility of division, USSR study	5004	Ribonucleic acid, variations of kRNA in giant chromosomes of <i>Chironomus dorsalis</i> during metamorphosis, USSR study	4980
organs, regenerative processes, study	4263	Rice, situation, 1963	4615
Registers, papers in Library of Congress, William S. Culbertson	5458	Riley, Donald R., pilot control of orbital docking of attitude-stabilized vehicles	5513
Registration, <i>see</i> subjects.		Rima, Donald R., ground-water resources of southern New Castle County, Del.	4823
Regulations, <i>see</i> Code of Federal regulations— <i>also</i> names of departments, etc., issuing regulations— <i>also</i> subjects.		Ringwald, William J., soil survey, Cotton County, Okla.	5696
Rehabilitation, urban renewal areas, minimum property standards	4699	Rio Grande and Valley: middle Rio Grande, N. Mex., fluvial characteristics and hydraulic variables	4799
Rehabilitation of the disabled:		relocation, convention with Mexico, implement—	4580-81
German practices	5749	hearings	4521, 4566
mentally ill, helping	5748	Rittpy, Mary A., data on patients of outpatient clinics in United States, 1962	5554
Reilly, John R., nomination, hearings	4576	Rivers:	
Relation of perstimulatory adaptation to other short-term threshold-shifting mechanisms	5467	dispersion of dissolved or suspended materials in flowing streams	4794
Relativity (physics):		fluvial characteristics and hydraulic variables in middle Rio Grande, N. Mex.	4799
astrorelativity	5528	hydraulic and geologic factors, effects on streamflow of Yakima River basin	4807
Relaxants (drugs), <i>see</i> Muscle relaxants.		morphology and hydrology of glacial stream	4791
Reliz Canyon, geology	4776	physiographic and hydraulic studies of rivers (series)	4791
Renegotiation Board, annual report, 1963	5674	sediment transported by Georgia streams	4812
Reno, Horace T., iron ore in 1963	5478	transport of radionuclides by streams (series)	4794
Repair kits, emergency, for large diameter tubeless tires and rolling liquid transporters	5722	Riverside, Calif., occupational wage survey	5437
Reports, <i>see</i> names of departments, etc., issuing reports— <i>also</i> subjects.		RNA, <i>see</i> Ribonucleic acid.	
Republic of Korea, <i>see</i> Korea.		Roads and highways:	
Rescue work, rescue skills and techniques	4371	highway needs studies, creating, organizing, and reporting	5670
Research, Germany, activities of Economics Ministry	5572	highway planning technical report	5670
<i>see also</i> names of departments, etc., doing research— <i>also</i> subjects.		Roberts, Owen, indexing and abstracting experimentation support, final report	4257
Research and development reports:		Rochelle, Robert W., pulse-frequency-modulation telemetry	5529
Atomic Energy Commission	4291-4303	Rock drills, <i>see</i> Drills (tools).	
price list	4324	Rockets, sounding, launch environment profiles	5508
Coal Research Office	4401	Rocks:	
Research and statistics notes	5690-91	altered wallrocks in central part of Front Range mineral belt, Colo.	4795
Reservoirs:		explosion generated, strain pulses, effect of decoupling	5481
China, USSR studies	5043	metamorphic and igneous, along northwest border zone of Idaho batholith (series)	4784-85
Government constructed, local interests defined, report	4529		
inland, microbiology, USSR study	5116		
Resins, photoelastic materials, static and dynamic properties	5596		
Resolutions, <i>see</i> House bills—Law—Senate bills.			
Resonance, p.γ, phenomenological characteristics, investigation	5616		
Respiration, helium and oxygen mixture, effect on speech	5469		
Restaurants, lunchrooms, etc., extending minimum wage	5752		
Revenue agent, career in professional accounting	4840		
Revolving funds:			
Small Business Administration, increase, report	4464		

INDEX

	Entry		Entry
Rocks—Continued		Safety of life—Continued	
metamorphism of Belt series in Elk River-Clarkia area, Idaho	4784	how-to-lift model, school shop project	5421
Precambrian, in southern Black Hills (series)	4783	industrial safety, environmental and chemical hazards (series)	5419
Red Mountain formation, Ala., relation between specific gravity and iron content	4781	longshore and ship repair industries safety program, maritime safety report, 1963	5422
<i>see also</i> Igneous rocks		mine safety, Federal coal mine safety act amendments, report	4457
Rodenticides, Federal insecticide, fungicide, and rodenticide act, amend, report	4480	refrigerators, devices for doors, progress, hearing	4500
Roe, size, comparison with conditions of fish development and fertility, USSR study	4917	rescue skills and techniques	4371
Rogers, Samuel M., digest of State air pollution laws	5651	safety and fire protection bulletin, VA	5743
Rohl, G. E., fluorescent color specification, Beckman model DK-2 spectrophotometer	5593	safety digest	4279
Rome Air Development Center, technical documentary report	4257	traffic safety, alcohol and its effects	5552
Ronholz, Lael L., light box for photographing fish and invertebrates at sea	4732	Safety pins, Tariff Commission report	5719
Roosevelt, Franklin D., jr., remarks, Feb. 6, 1964	4414	Sailing directions, <i>see</i> names of locations	
Ross, Clyde P., Belt series in Montana	4786	St. Croix River, Maine to Little River, N.C., light list	4408
Ross, David W., interference properties of photons	4230	St. Lawrence Seaway Development Corporation, appropriations, 1964, public works, report	4458
Rotation, cats, caloric nystagmus following rotary habituation	4315	St. Louis, Mo., 200th anniversary of founding, commemorative medals, report	4550
Rubber, synthetic, Attorney General's report of competition in synthetic rubber industry	5416	St. Louis Bicentennial Corp., medals commemorating 200th anniversary of founding of St. Louis, Mo., furnish, report	4550
Ruben, George, deferred increases due in 1964 and wage escalation	5448	St. Marys County, Md., land conveyance to Lexington Park Volunteer Fire Department, Inc.	4524
Rudman, P. S., local order and solid-solution strengthening in columbium alloys	4226	St. Thomas Island, leasing of naval properties, hearings	4588
Rules, <i>see</i> subjects.		Salaries, Government officials and employees, rate for positions under general schedule, amdt.	4389
Rules and Administration Committee, Senate:		Sales:	
hearings	4594	figures, making sales figures talk	5683
reports	4534-35, 4537-39, 4552-64	new products, bibliography	5678
Rules Committee, House:		<i>see also</i> names of commodities, etc.	
hearings	4507	Saline River basin, chemical quality of surface waters and sedimentation	4810
reports	4479, 4483	Salmon:	
Rumania:		fall Chinook salmon, factors influencing return to Spring Creek Hatchery	4742
foodstuffs industry, development under 6 year plan, 1959-65	5190	Pacific, chemiluminescence of lipids and rate of growth, USSR study	4977
higher education, rich content of ideas	5358	Salt water, <i>see</i> Sea water.	
legal journals, abstracts	4893, 5261, 5404	Saltonstall-Kennedy act, <i>see</i> Fish and fisheries.	
provincial press, summaries	4998, 5240, 5281	Salvador, economy, basic data	4856
Runways (aeronautics):		SAM, <i>see</i> School of Aerospace Medicine.	
airfield moisture content investigation	4671	Samoa, <i>see</i> American Samoa.	
Rural Electrification Administration:		Samore, Theodore, library statistics of colleges and universities, 1962-63	4625
REA bulletin	5676	San Bernardino, Calif., occupational wage survey	5437
statistical report, 1962	5675	Sand:	
Rural families, <i>see</i> Families.		Bovill deposit, Latah County, Idaho, geology, etc.	5480
Rusk, Dean, address, Oct. 27, 1963	5698	operations and costs, Martin Marietta Corp.	5474
Russel, John H., case studies in liberal arts college, academic administration	4616	Sandstone, nonopaque heavy minerals, Jurassic and Cretaceous age, Black Hills, Wyo. and S. Dak	4777
Russell County, Va.:		San Francisco, Calif., low-rent housing sites, high costs, GAO report	4761
coal, carbonizing properties	5496	San Lucas quadrangle, Calif., geology	4776
coal, preparation characteristics	5488		
S			
S.A.M., <i>see</i> School of Aerospace Medicine.			
Safety of life:			
comparison of State codes with ASA, chart, fixed ladders	5420		

	Entry
Satellites :	
meteorological—	
Tiros, 1st weather satellite, general information.....	5586
Tiros I meteorological satellite system, report.....	5523
Nimbus, cloud pictures, errors in geographic referencing.....	5520
orbits, computation by Hansen method as modified by Musen.....	5524
Savannah, Ga., salt-water encroachment, geology, etc., of area.....	4808
Savannah (nuclear ship) :	
maritime matters, use of Belgian ports and waters, agreement.....	5699
Savings and loan associations :	
place in Latin America (address).....	4689
share accounts insurance, increase maximum coverage for each depositor, report.....	4465
Sawtooth and half-sine shock impulses from Navy shock machine for medium weight equipment.....	5598
Scheffer, Victor B., molt in the northern fur seal.....	4744
Schenectady, N.Y., water resources.....	4800
Schmidt, K. S., frog labyrinthine efferent impulses.....	4259
Schmitt, Marshall L., why industrial arts?.....	4625
School districts, finances, census of governments, 1962.....	4344
School of Aerospace Medicine :	
aeromedical reviews.....	4258
technical documentary report.....	4259-60
Schools :	
prayers and bible reading, Supreme Court opinions, print additional copies, reports.....	4456, 4534
public, finance program—	
American Samoa.....	4634
Canal Zone.....	4635
District of Columbia.....	4636
Guam.....	4637
Maine.....	4638
Maryland.....	4639
New Jersey.....	4640
North Carolina.....	4641
North Dakota.....	4642
Puerto Rico.....	4633
Virgin Islands.....	4643
Schutt, John B., phenomenological model of thermophototropism.....	5525
Science :	
Academy of Sciences—	
Bulgaria, Geological Institute.....	5158
Kazakh SSR, activities, selected articles.....	5198
Poland, new members, 1962.....	5047
USSR, Technical Sciences Department, cybernetics, news.....	4962
Communist China—	
abstracts.....	5030,
5087, 5091, 5101, 5106, 5126,	5126,
5146, 5151, 5165, 5175, 5256,	5276, 5294, 5310, 5324, 5337,
5345.....	5337,
translations.....	4936,
4955, 5080, 5246, 5279.....	5279,
directories, provisional checklist.....	5455
earth, East European scientific abstracts.....	4965,
5201, 5298, 5371, 5397.....	5397,
East European abstracts.....	4963-67,
4975-76, 5019, 5035, 5070, 5104-5,	5110, 5149, 5162, 5184, 5196,
5201, 5207, 5224, 5226, 5231-32,	5249, 5254, 5274-75, 5293, 5298,
5317, 5326, 5338, 5348, 5353,	5371-72, 5397-98, 5407.....
government and science—	
hearings.....	4509
statement of purpose.....	4508

	Entry
Science—Continued	
information activities of Federal agencies.....	5573
Air Force.....	5573
new scientific environment, challenge to engineering societies (remarks).....	4309
role of scientist in today's world (remarks).....	4311
teaching, STEPS program for improvement.....	4648
USSR—	
abstracts—	
biology and medicine.....	5107, 5283
chemistry and metallurgy.....	5042
electronics and engineering.....	5169
physics and mathematics.....	5170
natural science research, etc., in Aral region.....	5132
Novosibirsk Scientific Center, organization, etc.....	4992
scientific works in physical oceanography, 1960-62.....	5339
translation.....	5176
Science Advisory Staff, House, establish, hearing.....	4499
Science Advisory Staff, Senate, establish, hearing.....	4499
Science and Astronautics Committee, House :	
committee print.....	4508
hearings.....	4509-10
Science and Technology Office, House, establish, hearing.....	4499
Science and Technology Office, Senate, establish, hearing.....	4499
Scientific research, <i>see</i> Research— <i>also</i> subjects.	
Scientists :	
Hungary, qualification and training of aspirants.....	5102
labor market conditions, semianual study.....	4657
role in today's world (remarks).....	4311
USSR, biographies.....	5156
Sculpture and statuary, statue of Robert H. Goddard, erect, hearings.....	4510
Sea water :	
salt-water encroachment of Savannah area, Ga.-S.C.....	4808
sea water batteries plus tunnel diode converter as power source.....	5606
Seaborg, Glenn T. :	
remarks, etc.—	
Jan. 11, 1964.....	4311
Jan. 14, 1964.....	4309
Jan. 22, 1964.....	4308
Seals (animals) :	
molt in the northern fur seal.....	4744
Secondary education, publications.....	4631
Securities, District of Columbia sales, regulation, report.....	4469
Security, <i>see</i> National security.	
Sedimentation and deposition :	
Salline River basin, Kans.....	4810
sediment transported by Georgia streams.....	4812
Semiconductors, technology and microelectronics, USSR study.....	5307
Senate :	
delegation to 3d Mexico-United States Interparliamentary Group meeting, report.....	4582
officers or employees, financial and business interests, investigation, hearings.....	4594
secretary, report 1963.....	4518
Senate bills.....	4515
Senate documents.....	4516-20
Senate executive reports.....	4521
Senate reports :	
private bills.....	4522-24
public bills.....	4525-67

INDEX

	Entry	Entry
Senior citizens, <i>see</i> Aged.		
Sergeant, Russell L., relation of peristimulatory adaptation to other short-term threshold-shifting mechanisms	5467	
sensitivity to unidirectional frequency modulation	5463	
speech during respiration of mixture of helium and oxygen	5469	
Serial set (congressional)	4417-19	
Serology, general and technical information	5461	
Service industries, East European, translations	4920, 5230,	
5008, 5064, 5148, 5190, 5290, 5319, 5332, 5375.		
Settees, wood, general office, Federal standard cancellation	4722	
Severance, Roger D., foreign trade regulations of United Arab Republic	4854	
Shannon, Ira L., oral glucose tolerance responses in healthy young adult males, etc.	4260	
Sharonville, Ohio, overlay test track	4670	
Sheet metal: behavior under biaxial stress, USSR study	5369	
titanium alloy stamping, USSR study	5060	
Sheldon, Richard P., relation between specific gravity and iron content of rocks from the Red Mountain formation, Ala.	4781	
Shelter belts, Central Great Plains, tree and shrub species under dryland cultivation	4221	
Shelters (protective), <i>see</i> Protective shelters.		
Shenandoah National Park, atmospheric electric conductivity and field measurements	5612	
Ship Structure Committee, SSC (series)	5677	
Shipments, tariff filing requirements, exclude lumber cargoes, hearing	4504	
<i>see also</i> names or classes of articles shipped.		
Shipping: act of 1916, amend, hearing	4504	
rate disparities (address)	4701	
<i>see also</i> Water carriers.		
Ships, repairmen, safety program, report, 1963	5422	
Shock machines, sawtooth and half-sine shock impulses	5598	
Shock waves: head shock wave in front of earth, effect on radiation belts, USSR study	5073	
radiation resisted, direct solution of governing equation	5519	
Shore operations, <i>see</i> Military art and science.		
Shore party and helicopter support team operations, Fleet Marine Force manual	5459	
Shortcuts and special problems in aquifer tests	4806	
Shoshone County, Idaho, silver production, economic aspects in Coeur D'Alene mining region	5476	
Shrubs, shelterbelt species under dryland culture, Central Great Plains	4221	
Shuler, R. L., factors affecting oxygen production by algae in small culture unit	5611	
Sick: income-loss protection against short-term sickness, 1948-62	5690	
publications, price list	5643	
Siegel, Michael H., spectral bandwidth effect on color discrimination	5468	
Sierra Leone, investment guaranties, agreement	5701	
Sight, night vision sensitivity during prolonged restriction from sunlight	5465	
Silicon, zone-refined P-type, in-plate Hall coefficient and conductivity measurements	5591	
Silver, production, economic aspects, Coeur D'Alene mining region, Shoshone County, Idaho	5476	
Simon, G. A., new product development and sale, bibliography	5678	
Simplified practice recommendations	5547-48	
Simulators, internal environmental, for man-machine system, <i>see also</i> Flight simulators.	5586	
Sintering, <i>see</i> Lime-soda sintering.		
Sites, Federal buildings, land acquisition, how and why, GSA information	4774	
SL series	4738-39	
Slags, titanium, investigation of electric melting, USSR	5238	
Slip laws, <i>see</i> Law.		
Small, E., summary of laws and regulations affecting cheese industry	4195	
Small business, <i>see</i> Business.		
Small Business Administration, revolving fund, increase, report	4464	
Smaller communities program	4660	
Smallpox, vaccination, international certificate requirement, poster	5665	
Smelting, copper precipitator dust, laboratory investigation	5483	
Smith, Charles W., making your sales figures talk	5683	
Smith, Fred M., calibration of Langley hotshot tunnel with some real-gas charts for nitrogen	5511	
Smith, Hugh M., how color of red delicious apples affects their sales	4208	
Smithsonian Institution: board of regents executive committee, report, 1963	5685	
report of secretary, 1963	5685	
Smoking: smoking and health— authorize research by Agriculture Dept., report	4484	
Surgeon General's Advisory Committee report	5664	
Snake River and Valley, surface water, compilation of records, Oct. 1950-Sept. 1960	4821	
Sniegocki, Richard T., hydrogeology of Grand Prairie region, Ark.	4809	
Snyder, Curtis D., Project Fire reentry stage after reentry-package separation	5515	
Soap, industry, review of 1963, outlook for 1964	4329	
Social sciences: and Communism, USSR book review	5140	
fighting task of workers	5217	
Social security: earnings record	5687	
farmers, self-employed, information	5688	
research and statistics notes	5690-91	
Social work and problems: children receiving aid to families with dependent children, coordination in location of absent parents, report of meeting	4672	
welfare efforts with modern theories of communication	4360	

	Entry		Entry
Social workers :		Space, <i>see</i> Outer space.	
protective casework for abused children	4363	Space age, meaning, comments by authorities, USSR study	5376
public assistance adviser, etc., examination announcement	4379	Space and facilities for art instruction	4645
Socialism, changes in Socialist countries in 1963	5396	Space Corporation, aircraft engine test stands modification, over-estimated costs under fixed-price contracts with Air Force Department, GAO report	4768
Society, USSR, development of feelings and conscience	5357	Space flight, <i>see</i> Astronautics.	
Sociology :		Space stations, extraterrestrial stations, uses, etc., USSR study	5286
Communist China, translations	4897, 4930, 4997, 5066, 5117, 5242, 5280, 5303, 5330.	Spacecraft :	
cybernetics, problems, USSR study	5128	aerodynamic heating of conical entry vehicles at speeds in excess of Earth parabolic speed	5526
Eastern Europe, translations	5189, 5312, 5358	attitude stabilized vehicles, pilot control of orbital docking visual-simulator study	5513
North Korea, translations	5054	booms for placing scientific experiments up to 25 ft. from interplanetary missions, high-energy chemical stages performance analysis	5507, 5508
North Vietnam, translations	5211, 5253, 5273, 5287, 5341.	launch environment profiles	
Sodium, high temperature properties	5614	reentry vehicles, landing characteristics using passive landing system for impact alleviation	5512
Soil conservation :		soft lunar landing, touchdown dynamics analysis	5510
highlights, 1963	5692	solar orientation control system, flight investigation	5506
list of publications	5641	<i>see also</i> Life support systems—Satellites.	
Soil Conservation Service, report, 1963, digest	5692	Spain, establishing business in	4852
Soils :		Spare parts, <i>see</i> names of spare parts.	
airfield moisture content investigation	4671	Spartase, mitigation of physical fatigue	4314
establishing vegetation on exposed subsoil in southern Iowa and northern Missouri	4197	Specific gravity, relation to iron content of rocks, Red Mountain formation, Ala.	4781
soil survey report—		Specifications, <i>see</i> Government supplies.	
Cotton County, Okla.	5696	Spectra :	
Morton County, Kans.	5694	bandwidth, effect on color discrimination	5468
Panola County, Miss.	5695	electron spectrum of superconducting compounds, special features	4902
Woodward County, Okla.	5693	hydrogen, Stark profile measurement of Lyman- α and Lyman- β lines	5608
use as foundations and construction materials for hydraulic structures	5672	infrared, solvent-induced effects	5587
Solar :		Spectrometers :	
NOTE.—For other subjects beginning Solar, <i>see</i> Sun.		infrared interferometric, moire fringe measuring system	4254
Solar energy, Tunisia enters era	5079	mass, time-of-flight, ion dissociation in drift tube	4228
Solar radiation, solar flux measurements, July 20, 1963.	4231	Spectrophotometers, DK-2 Beckman model, fluorescent color specification	5593
Solids, reductants, experimental conversion of hematite to magnetite	5485	Speech, during respiration of mixture of helium and oxygen	5469
Solvents, effects induced on infrared spectra	5587	Speer, Paul R., Cumberland and Tennessee River basins floods	4816
Sonar, introduction, Navy training course	5585	Spruce, William E., foreign trade regulations of Uruguay	4853
Sound :		Squash, growing	4200
auditory fatigue, pure tone, central factor	4317	Squirrels, <i>see</i> Ground squirrels.	
hydroacoustical means of surveillance, prospects for increasing range, USSR study	5204	SSC, <i>see</i> Ship Structure Committee.	
ultrasonic methods in study of fatigue and deformation in single crystals	4223	Stability of aircraft, static longitudinal, Project Fire reentry stage after reentry-package separation	5515
ultrasonics, physicochemical and biological action, USSR, translations	5154	Stafford, Walter H., high-energy chemical stages for interplanetary missions	5507
South Asia, <i>see</i> Asia.		Stainless steel, alloys and superalloy, residual static strength at 109° F, 70° F, and 550° F	5514
South Carolina, salt-water encroachment, geology and ground-water resources of Savannah area	4808	Stallman, Robert W., multiphase fluids in porous media	4789
Southeast (U.S.) :			
ownership of rural land in the Southeast	4611		
Southern Pacific Co., accident	4879		
Southwest (U.S.) :			
American-Egyptian cotton, roller ginning	4194		
drought 1942-56 (series)	4787		
Soviet bloc, medical activities, recent developments	4910		
Soviet Union, <i>see</i> Union of Soviet Socialist Republics.			
SP series, <i>see</i> FMC SP series—NASA SP series.			

INDEX

Entry	Entry
La Stampa (periodical):	STEPS program for improvement of science teaching----- 4648
indexes ----- 4942, 4996,	Stillwater County, Mont., Mout
5074, 5100, 5153, 5323, 5394	mine, mining methods and costs ----- 5475
La Stampa sera (periodical):	Stock catalogs, <i>see</i> Catalogs.
indexes ----- 4942, 4996,	Stockpiling, <i>see</i> Strategic materials.
5074, 5100, 5153, 5323, 5394	Stockyards:
Standards and standardization:	packers and stockyards act—
commercial standard series ----- 5539-43	as it applies to auction markets_
Federal standards ----- 4722-24	questions and answers for live-
technical standard order TSO	stock producers ----- 4180
(series) ----- 4684	STOL, <i>see</i> Aircraft.
<i>see also</i> subjects.	Storage:
Stankiewicz, N., field emission of	civil defense emergency hospitals,
charging metallic colloids ----- 5516	storage structures ----- 5654
Stanton, Beryle, farmer cooperatives,	household storage study ----- 5654
farm business tools ----- 4196	technical manual, change ----- 4290
Stark profile measurement of Ly-	<i>see also</i> names or classes of ar-
man- α and Lyman- β of hydro-	ticles stored.
gen ----- 5608	Stores, bookstore operation ----- 5680
State banks, member banks of Federal	Storms:
reserve system, 1963, list ----- 4719	coastal warning facilities chart—
State boards and departments of edu-	Canadian border to Eureka,
cation, <i>see</i> Educational boards	Calif. and Alaska, 1963 ----- 5755
and departments.	eastern Florida, 1964 ----- 5756
State Department, series S ----- 5698	Hawaiian Islands, 1963 ----- 5757
States:	Strains and stresses:
air pollution laws, digest ----- 5651	fatigue and deformation in single
department of education directors	crystals, ultrasonic methods in
of programs for gifted and	study ----- 4223
talented, conference report ----- 4651	fatigue crack effect on notch
Federal grants—	strength and fracture develop-
air pollution control, law, de-	ment in cylindrical specimens
scription ----- 4825	of heat-treated 4340 steel ----- 5588
local review, report ----- 4542	low-stress brittle fracture in mild
mental health planning grant	steel ----- 5677
proposals, 1963 digest ----- 5555	sheet metals, behavior under biaxial
national survey ----- 4583	stress, USSR study ----- 5369
flags, reproductions ----- 4429	thermal stresses and deflections in
labor legislation enacted in 1963	rectangular panels ----- 4227
4524	working stresses for structural
legislation relating to higher edu-	design, engineer manual ----- 4664
cation, 1963, survey ----- 4650	Strategic materials, materials reserve
safety codes, comparison with ASA,	and stockpile act of 1963,
chart, fixed ladders ----- 5420	hearings ----- 4572
supervisors of pupil transportation,	Stratigraphy, Montana, Belt series
directory ----- 4647	and related rock with strati-
supervisors of trade and industrial	graphic classification, data on_
education, directory ----- 4617	Streams, <i>see</i> Rivers.
unemployment insurance laws, sig-	Strength of materials, <i>see</i> names of
nificant provisions, Nov. 15,	materials and articles.
1963 ----- 4659	Streptomycin, prolonged action by use
Statistical abstract of United States:	of polyvinyl pyrrolidone, USSR
supplement, congressional district	study ----- 5068
data book, 88th Congress—	Stresses (mechanical), <i>see</i> Strains
departmental edition ----- 4345	and stresses.
document edition ----- 4430	Strip mines, <i>see</i> Coal mines and
Statistical publications, <i>see</i> names of	mining.
departments, etc., issuing pub-	Strohbehn, Roger W., ownership of
lications.	rural land in Southeast ----- 4611
Statistical Reporting Service, periodic	Structures, <i>see</i> Buildings—Earth-
reports, list ----- 4218	work and structures—Strains
Statistics, <i>see</i> Vital statistics— <i>also</i>	and stresses.
subjects.	Stubbs, Sandy M., landing character-
Statuary, <i>see</i> Sculpture and statuary.	istics of reentry vehicles with
Statutes, <i>see</i> Law.	passive landing system for im-
Steamship Trade Association of Balti-	pact alleviation ----- 5512
more, Inc.—Waterfront Guard	Students:
Association, pension fund qual-	college, career opportunities in Fed-
ified trust ----- 4522	eral service ----- 4388
Steel:	pupil personnel services ----- 5450
brittle fracture, low stress prob-	trainees, examination announce-
lems ----- 5677	ment, discontinuance notice_
continuous teeming, prospects for	transportation, State supervisors,
development, USSR study ----- 4908	directory ----- 4647
heat resistant, Soviet research_	Study, <i>see</i> Curriculum.
5095	Submarine boats:
heat-treated 4340, effect of fatigue	Casimir Pulaski, USS, launching,
crack on notch strength and	(remarks) ----- 5633
fracture development in cylin-	nuclear powered—
drical specimens ----- 5588	atmosphere purification, dia-
reactor pressure vessel steels, neu-	phragms for sulfate cycle elec-
tron embrittlement ----- 5613	tolytic cell ----- 5615
<i>see also</i> Stainless steel.	oxygen production by algae ----- 5602
Steel containers, <i>see</i> Containers.	
Steele, L. E., neutron embrittlement	
of reactor pressure vessel	
steels ----- 5613	

MARCH 1964

Entry	Entry
Submarine research, <i>see</i> Oceanography.	
Suburban and farm vegetable gardens -----	4203
Suburbanites, publications, list-----	4830
Subversive Activities Control Board, report, 1963-----	5714
Sulfates, cycle system for nuclear submarines, diaphragms for-----	5615
Sulfur:	
biogeochemistry, USSR study-----	4986
production, etc., 1963, preliminary report-----	5497
Sulfur dioxide, improved fumigation of grapes in railway refrigerator cars-----	4211
Summer sessions in colleges and universities of United States, 1960-----	4649
Sun:	
eclipse of July 20, 1963, solar flux measurements-----	4231
magnetic field, structure in active region-----	5532
solar orientation control system for spacecraft-----	5506
Superheaters:	
nuclear superheat project—	
11th quarterly report-----	4295
14th quarterly report-----	4296
Supervisors:	
State, trade and industrial education, directory-----	4617
training and development program—	
maintaining work flow-----	5686
planning and organizing work-----	5689
Supplies, <i>see</i> Government supplies—	
Military supplies.	
Supply catalog, <i>see</i> Federal supply catalog.	
Supreme Court:	
cases adjudged, United States reports-----	5716
opinions on Bible reading and prayers in public schools, print additional copies, reports, 4456,-----	4534
Surface energy balance in arid lands agriculture 1960-61-----	4219
Surface water, <i>see</i> Water.	
Surgeon General's Advisory Committee on Smoking and Health, report-----	5664
Surgery:	
changes of morphological and functional properties of blood and hemodynamics during work with extracorporeal circulation apparatus, USSR study-----	5228
dental during anticoagulant therapy-----	5650
Soviet methods-----	5393
Surplus military property, <i>see</i> Surplus property.	
Surplus property, defense disposal manual-----	4600
<i>see also</i> Personal property.	
Surveys, <i>see</i> subjects of surveys.	
Susquehanna River and Valley, basin, West Branch, chemical quality of surface water-----	4824
Suter, Ann C., labor in Nigeria-----	5435
Swanson, L. W., thermal desorption and surface diffusion of cesium on tungsten-----	5500
Sweeteners, used by food processing industries-----	4613
Sweetpotatoes, recipes-----	4205
Switzerland, trade mission report, 1963-----	4867
Symposiums, range research methods-----	4212
Synthesis of certain new thiols and their acetyl derivatives-----	5267
Synthesis of 2,5-disubstituted quinclidines, USSR-----	5334
Synthetic detergents, <i>see</i> Cleaning compounds.	
Synthetic rubber, <i>see</i> Rubber.	
T	
T rails, <i>see</i> Rails.	
T-37C category 2 performance test.	4234
Tables (mathematics), <i>see</i> Mathematics.	
Tactile sensitivity, nature of dermo-optical sense in man-----	5382
Taft-Hartley act, <i>see</i> Industrial relations.	
Taiwan, <i>see</i> Formosa.	
Take-off (aircraft):	
KC-135A heavy weight 3 engine performance test-----	4232
Talas-Fergana fault, Lower Carboniferous deposits, USSR study-----	5166
Talent, State resources and responsibilities for education of gifted and talented, conference report-----	4651
Tame, Kenneth E., radioactivity in alkaline leach milling processes-----	5492
Tang, Pei Chin, infight loss of consciousness, case report-----	4318
Tanks (military science):	
M60, excessive charges by components under contracts with Chrysler Corporation, GAO report-----	4757
Tariff, customs hints for returning U.S. residents-----	4596
Tariff Commission, investigations under escape clause of trade agreements-----	5718
Tavener, A. S., emergency repair kit for large diameter tubeless tires and rolling transporters-----	5722
Taxation:	
career opportunities, IRS—	
estate tax examiner-----	4834
revenue agent, professional accounting-----	4840
revenue officer-----	4841
special agent-----	4842
tax technician-----	4844
President's 1963 tax message, <i>see</i> in main alphabet, Income tax.	
<i>see also</i> Employment taxes—Income tax—Internal revenue— <i>also</i> names of articles, etc., subject to tax.	
Taxonomy, fish, role of otoliths in analysis, USSR study-----	4979
Taylor, Hobart, jr., remarks, Jan. 31, 1964-----	5637
Taylor, James L., space and facilities for art instruction-----	4645
Tazewell County, Va., coal, carbonizing properties-----	5496
Teachers:	
and professors, grants for study, research and summer seminars abroad in modern foreign languages, 1964-65-----	4622
English teaching forum, facts and ideas for teaching English as foreign language-----	5733-34
trainers of trade and industrial education, directory-----	4618
Teaching, <i>see</i> Programmed instruction— <i>also</i> subjects taught.	
Technical bulletins, Coast and Geodetic Survey-----	4407
Technical data package, erroneous purchase from Westinghouse Electric Corporation by Navy Dept., GAO report-----	4756

Do not order from index; see indicated entry

Page 147

INDEX

Entry	Entry
Technical documentary reports:	Temperature:
Aeronautical Systems Division... 4223-26	ingot, problems, USSR study... 5403
Air Force Flight Test Center... 4232-34	magnetization vs. temperature
Arctic Aeromedical Laboratory... 4242-50	curves, calculation for ferri-
Arnold Engineering Development	magnetic materials... 5595
Center... 4253	<i>see also</i> Body temperature—Cold.
Personnel Research Laboratory... 4256	Tennessee, electric rate book... 4709
Rome Air Development Center... 4257	Tennessee River and Valley, floods,
School of Aerospace Medicine... 4259-60	magnitude and frequency... 4816
Technical education:	Tennessee Valley Authority:
State supervisors, directory... 4617	appropriations, 1964, public works,
teacher trainers of trade, etc., edu-	report... 4458
cation directory... 4618	fish and wildlife, valuable natural
Technical information bulletin, Atomic	resources... 5720
Energy Commission... 4304-6	furniture industry expansion... 5721
Technical manuals:	Terephthalate, <i>see</i> Polyethylene ter-
Army Department... 4288-90	ephthalate.
Marine Corps... 5460	Terminals (transportation):
Navy calibration program... 5623	air, evaluation of radar service area
Technical memorandums, National	control concept... 4268
Aeronautics and Space Admin-	Terrestrial magnetism, <i>see</i> Magneto-
istration... 5504-6	grams.
Technical notes:	Testimony, <i>see</i> Evidence.
Arctic Aeromedical Laboratory... 4251-52	Testing, <i>see</i> names of substances or
National Aeronautics and Space	objects tested.
Administration... 5507-22	Testing apparatus, cotton, equipment
National Bureau of Standards... 5549-50	and techniques basis for in-
Technical reports:	terpreting reports, cotton test-
Aeronautical Systems Division... 4227	ing service... 4178
Army Transportation Research	TEUC, <i>see</i> Unemployment Insurance.
Command... 5722-26	Texas:
Civil Defense Office... 4372-73	southern district, transferring Aus-
Harry Diamond Laboratories... 5628	tin, Fort Bend, and Wharton
highway planning... 5670	Counties from Galveston divi-
National Aeronautics and Space	sion to Houston division, re-
Administration... 5523-29	port... 4528
Naval Ordnance Laboratory, White	women workers, 1960... 5771
Oak, Md... 5620	Textbooks, programmed, first results
Naval Training Device Center... 5586	of work with, USSR study... 5301
Ohio River Division Laboratories... 4670	Textiles:
Waterways Experiment Station... 4671	broad-woven fabrics, blends and
Technical Sciences Department, Acad-	mixtures, 1962, current indus-
emy of Sciences, USSR, techni-	trial reports... 4347
cal cybernetics, news... 4962	fiber products identification act,
Technical standard order... 4684	amend, hearing... 4501
Technical translations:	textile series report... 5671
bibliography, OTS periodical, period-	woven, label identification, amend
icals translated in, basic list... 4325	act, hearing... 4501
National Aeronautics and Space	Thalidomide, babies, German rehabili-
Administration... 5530-34	tation service... 5749
Technicians:	Thanksgiving Day, President Ken-
labor market conditions, semi-	nedy's proclamation, print as
annual study... 4657	House document, report... 4474
laboratory and clinical in health	Thayer, Louis M., jr., nomination,
research, examination an-	hearings... 4576
nouncement... 4394	Theodore N. Gill (ship):
<i>see also</i> Medical technicians.	cruises, south Atlantic Coast, 1953-
Technologists, cotton, examination	54, crab larvae (Callinectes),
announcement, discontinuance	in plankton collections... 4743
notice... 4386	Therapeutics, antibiotic therapy in
<i>see also</i> Medical technologists.	radiation autoinfection, rea-
Technology:	sons for failure... 4939
Communist China, translations... 4936,	Thermal desorption, <i>see</i> Desorption.
4955, 5080, 5246, 5279	Thermal stresses, <i>see</i> Strains and
directories, provisional checklist... 5455	stresses.
technology utilization report... 5503	Thermodynamics, properties of, hy-
why industrial arts?... 4652	drogen at high temperatures,
<i>see also</i> Automation.	tables... 5502
Tee rails, <i>see</i> Rails.	Thermophototropism, phenomenologi-
Teeth, caries experience and periodon-	cal model... 5525
tol status, oral glucose toler-	Thiols, synthesis of new thiols and
ance responses... 4260	acetyl derivatives... 5267
Telecommunication, market for U.S.	Thomas, J. W., aerosol penetration
equipment in Brazil... 4337	through filter paper... 4297
Telegraph, domestic record communi-	Thomas, Virginia F., home economics
cations industry, review of	in institutions granting bache-
1963, outlook for 1964... 4332	lor's or higher degrees, 1961-
Telemetry, pulse-frequently-modula-	62... 4623
tion telemetry... 5529	Thompson, F. H., K _a -band mixer... 5594
Tellurium, resources in Arizona, Colo-	Thompson Canyon, geology... 4776
rado, New Mexico, and Utah... 5493	Thread, cotton, Quarrel application
	and test methods... 5671
	TIAS series... 5699-5709

	Entry		Entry
Tides, current surveys by photogrammetric methods.....	4407	Translations:	
Tien Shan, middle, Lower Carboniferous deposits, USSR study.....	5166	Air Force Department.....	4261-63
Timberlands, national bank loans on forest tracts, liberalize restrictions, report.....	4466	technical, bibliography, OTS periodical, periodicals translated in, basic list.....	4325
Time-concentration effects in relation to oxygen toxicity in man.....	4258	technical, National Aeronautics and Space Administration.....	5530-34
Tires, large diameter tubeless, emergency repair kit.....	5722	Transplantation (physiology):	
TIROS (television infrared observation satellite), see Satellites.		effect of bone marrow transplantation on dogs with acute radiation sickness, humoral component, USSR study.....	4905
Titanium:		Transportation:	
alloy sheet stamping, USSR study-alloys.....	5060	code of Federal regulations.....	4713
oxygen effect on properties and heat treatment.....	4909	Communist China, translations.....	4934, 5262,
residual static strength at 109° F, 70° F, and 550° F.....	5514	4957, 4991, 5061, 5241, 5352, 5391.	
metallurgy, USSR translation.....	5238	gravity model, calibrating and testing with small computer.....	5669
Tobacco:		mineral fertilizers and chemicals, transport problems, USSR studies.....	5069
auction markets, functions and operations, hearing.....	4486	motor vehicles of Govt. employees in Alaska, report.....	4547
foreign trade prospects.....	4750	network, characteristics, determination by method of successive analysis of variations, USSR study.....	4921
health factors in use, authorize research by Agriculture Dept., report.....	4484	problems, mathematical solutions.....	5233
industries, 1963, statistics.....	4832	pupil, State supervisors, directory.....	4647
Tobias, Jerry V., binaural beat perception problem.....	4316	reference data, field manual.....	4281
Tolson, Hillary A., laws relating to National Park Service.....	5568	statistics in United States, 1962.....	4881
Tonto National Monument, general information.....	5570	USSR, translations.....	4886, 5367
Tooker, Edwin W., altered wallrocks in central part of Front Range mineral belt, Colo.....	4795	Transportation and Facilities Division, AMS, publications, list.....	4187
Tools, diamond, difficulties in manufacture.....	5038	Transporters, see Cargo carriers.	
Toward new dimension in Atlantic partnership (address).....	5698	Travel:	
Toxicity, see Poisons.		Americans-at-home program (summary of remarks).....	5739
Tracking, compensatory and pursuit tracking of pitch.....	5466	passenger, between U.S. and foreign countries.....	4829
Tracking stations, agreement with Malagasy Republic.....	5704	visit USA program (remarks).....	5740
Tractors, USSR industrial development, translations.....	4916, 4953, 5014, 5036, 5052, 5180, 5222	Travis, Herman, mobility and worker adaptation to economic change in U.S.....	5418
Trade, see Commerce—Wholesale trade.		Trawls and trawling, John N. Cobb pelagic trawl development.....	4730
Trade agreements, see Commercial treaties.		Treasury bonds, see Bonds of United States.	
Trade centers, U.S., show the world, sell the world.....	4849	Treasury Department:	
Trade fairs, see Fairs.		department circulars.....	5727-29
Trade mission to Hong Kong, report, 1963.....	4865	public debt series.....	5730-31
Trade mission to Malaysia, report, 1963.....	4866	tax and loan accounts, establish more equitable arrangement between Federal Government and commercial banks, GAO report.....	4760
Trade schools, see Technical education.		Treaties:	
Trade unions, see Labor unions.		in force, list.....	5710
Tradescentia paludosa, microspores under influence of space flight, new types of chromosome rearrangement, USSR study.....	4899	limit treaty-making powers, fallacies and dangers of proposed liberty amendment.....	4519
Trading with the enemy, administration of act, investigation, extension, report.....	4562	print as Senate document, report.....	4537
Traffic, deep sea domestic waterborne, 1957-61.....	4874	treaties and other international agreements, 1962.....	5711
Traffic safety, see Safety of life.		Treaties and other international acts series.....	5699-5709
Training, manpower development and training act, amendments of 1963, report.....	4527	Trees, shelterbelt species under dryland culture, Central Great Plains.....	4221
see also Naval education—also subjects.		Troops, see Army.	
Training devices, guide, Naval Training Device Center.....	5617	Trout, feeds and feeding.....	4728
Transformers, see Electric transformers.		Troy, N.Y., water resources.....	4800
		Trucking, see Motortrucks in freight service.	
		Trusts and trustees:	
		joint industry promotional funds, employer contributions, hearings.....	4494
		legal investments for trust funds in D.C., list.....	4610
		Tryptophan pyrrolase, implication in endotoxin poisoning.....	4248

INDEX

	Entry		Entry
TSO series-----	4684	Union of Soviet Socialist Republics—	
Tuberculosis, scientific research, main trends, USSR-----	4903	Continued	
Tucker, Ernest C., testimony, hearings-----	4594	economic system—	
Tucson Magnetic Observatory, magnetograms and hourly values-----	4404	current developments-----	4885, 4984, 5103, 5210, 4321
Tuna fish, northeast Pacific alcobore oceanography survey, 1961-----	4741	structure and policy-----	4956, 5018, 5034, 5291, 5385
Tungsten:		electric power, translations--	4945, 5088
cesium on tungsten, thermal desorption and surface diffusion, field-emission, investigation-----	5500	export sales of U.S. agricultural commodities, opinion of Attorney General-----	5415
niobium-tungsten-zirconium ternary system, USSR investigation-----	4907	fish, studies-----	5380
Tungsten carbide, heats of combustion and formation-----	5484	fisheries, developments-----	5296
Tunisia, enters era of solar energy-----	5079	higher educational institutions, news—	
Turing calculators, see Electronic computers.		instrument building series-----	5178, 5347
Turkey, labor law and practice-----	5430	radiophysics series-----	5236
Typists, instructions for typing manuscripts to be printed at GPO-----	4736	industrial development—	
U		automotive industry-----	5056, 5134
U.S.S.R., see Union of Soviet Socialist Republics.		chemical industry-----	4985, 4993, 5024, 5058, 5075, 5094, 5119, 5203, 5214, 5220.
U.S. Study Commission, Southeast River Basins, appropriations, 1964, public works, report-----	4458	chemical machine building-----	4947, 5125, 5329
Ukrainian Soviet Socialist Republic, artificial diamonds in industry-----	5223	construction machinery-----	5048, 5053, 5071
Ultrasonics, see Sound.		electric power and electrotechnical industries-----	5000
Underwater research, see Oceanography.		electrical equipment-----	5062, 5109, 5118, 5302, 5401
Unemployed:		ferrous metallurgy-----	5009, 5050, 5067, 5111, 5197, 5221, 5299, 5314, 5331, 5384, 5413
family characteristics of claimants under temporary extended compensation program, 1961-62-----	4656	machinery industries-----	5086
manpower development and training act, amendments of 1963, report-----	4527	metalworking equipment-----	4951, 5038, 5090, 5133, 5187, 5159, 5268
manpower resources of Nation, training and utilization, hearings-----	4589	nonferrous metallurgy-----	4891, 4990, 5223, 5248
Unemployment, see Unemployed.		power machinery-----	5089
Unemployment compensation, see Unemployment insurance.		precision equipment-----	5104, 5183
Unemployment insurance:		regional economy-----	4896, 4950, 5085, 5099, 5147, 5160, 5174, 5239
coverage of wage and salary workers-----	4661	tractors and agricultural machinery-----	4916, 4953, 5014, 5036, 5052, 5180, 5222
exhaustees, surveys-----	4656	International economic relations--	5168, 5402
restoration of temporary unemployment compensation act amounts-----	5691	medical activities, developments--	4910
State laws, significant provisions, Nov. 15, 1963-----	4659	oceanography, physical, scientific works, 1960-62-----	5339
temporary extended unemployment compensation act of 1961, family characteristics study-----	4656	public health and expanding chemical industry-----	5335
Unified Action Armed Forces (UNAAF)-----	4882-83	science and education-----	5176
Union of Soviet Socialist Republics:		scientific abstracts-----	
Academy of Sciences, Technical Sciences Department, technical cybernetics, news-----	4962	biology and medicine-----	5107, 5283
aerial surveying and geology-----	5387	chemistry and metallurgy-----	5042
agriculture, translations-----	4887, 5381	electronics and engineering-----	5169
All-Union Mineralogical Society, 1962 activities-----	4949	physics and mathematics-----	5170
astronomy, new methods in-----	5010	scientific communism, principles and structure, problems-----	4929
bibliography, field emission, Soviet research 1960-63-----	5550	surgery, methods-----	5393
chemical industry, technological progress and industrial hygiene-----	5045	territorial administrative changes-----	5383
communications, translations-----	5255, 5350	transportation-----	4880, 5367
development of feelings and conscience in Soviet society-----	5357	weather modification techniques review-----	4923
dislocation structures, studies-----	5295	United Air Lines, Inc., emergency board report-----	4653
economic regions, new-----	5399	United Arab Republic (Egypt):	
		foreign trade regulations-----	4854
		United Nations, member nations, political rights of women-----	5766
		United States:	
		NOTE:—For all subjects pertaining to the United States, except its government general history, and description, see such subjects.	
		United States coast pilots, see Coast pilots.	
		United States Information Agency, facts about USIA, audience, the world-----	5736
		United States Travel Service, visit USA program (remarks)-----	5740

Entry	Entry
Universities, <i>see</i> Colleges and universities.	
Uota, M., improved sulfur dioxide fumigation of grapes loaded in railway refrigerator cars.....	4211
Urani, Josephine M., legal status of women in U.S., report for Michigan	5763
Uranium: geology of uranium-bearing veins in conterminous United States.....	4797
selected measurement methods in nuclear fuel cycle.....	4303
Urban renewal, <i>see</i> Redevelopment (city planning, etc.).	
Uruguay: economy, basic data.....	4859
foreign trade regulations.....	4853
USAFI, <i>see</i> Armed Forces Institute.	
USIA, <i>see</i> United States Information Agency.	
USSR, <i>see</i> Union of Soviet Socialist Republics.	
Utah, tellurium resources.....	5493
Utilities, naval shore activities, conservation program survey manual	5778
V	
V.A., <i>see</i> Veterans Administration.	
VA, <i>see</i> Veterans Administration.	
Vaccination, smallpox, international certificate requirement, poster.....	5665
Vacuum: effect on creep-rupture properties of sintered aluminum and commercial aluminum.....	5600
electrical breakdown initiation.....	5599
evaporation rates for organic lubricants in vacuum.....	5517
Vacuum systems, equipment for processing refractory metals in electrovacuum industry, USSR study	5208
Vale, Lester B., height gage.....	5503
Vanadium oxides, phase diagram for system vanadium pentoxide-zinc oxide.....	5605
Van Allen radiation belts, shock wave in front of earth, effect, USSR study	5073
Van Bavel, C. H. M., surface energy balance in arid lands agriculture 1960-61.....	4219
Van Dolah, Robert W.: abatement of noise from explosives testing	5494
natural gas concentration effect on ignitibility of gallery atmospheres	5487
Variation (biology): plant populations, phenogenetic analysis, USSR study.....	5032
whitefish multiplicity and feeding habits in Arctic bodies of water	5006
Vascular system, <i>see</i> Blood vessels.	
Vegetable gardens, <i>see</i> Gardens.	
Vegetables: official grade standards and inspection	4182
storing on pallets in wholesale warehouses	4209
Vegetation, establishing on exposed subsoil in southern Iowa and northern Missouri.....	4197
Vehicles, <i>see</i> Spacecraft.	
Ventilation, mechanical design, engineering manual, change.....	4666
Vermont, annual survey of manufactures, 1962, standard metropolitan statistical areas, and large industrial counties, statistics.....	4342
Vertigo, inflight loss of consciousness, case report.....	4318
Vestnik Akademii Meditsinskikh Nauk SSSR (periodical): translations	5025
Vestnik Akademii Nauk SSSR (periodical): translations	4898
Vestnik svyazi (periodical): translations	5013, 5225
Vestnik vysshev shkoly (periodical): translations	4987
Veterans: benefits in brief.....	5746
blind, grants for specially adapted housing, expand, hearing.....	4573
loans— direct, sale by VA at prices determined to be reasonable— hearings	4511
report	4470
guaranteed and direct, questions and answers	5745
<i>see also</i> Life insurance.	
Veterans Administration: career opportunities, medical technologists and technicians	5744
grants to blind veterans for specially adapted housing, expand, hearing	4573
housing, fix prices for resale of direct loans, hearing	4573
information bulletin IB series.....	5742-43
loans, direct, sale at prices determined to be reasonable— hearings	4511
report	4470
national service life insurance, disability coverage to age 65, report	4477
relieve from paying interest on funds transferred between revolving funds— hearings	4511
report	4478
report 1963— departmental edition.....	5741
document edition.....	4436
safety and fire protection bulletin— serving those who served, benefits in brief, 1963.....	5746
VA pamphlets.....	5744-45
Veterans' Affairs Committee, House: hearings	4511
reports	4470, 4477-78
Veterans Appeals Board, information bulletin	5742
Veterans homes, milk, inadequate management action to avoid excessive costs, GAO report.....	4765
Veterans hospitals, milk, inadequate management action to avoid excessive costs, GAO report.....	4765
Veterans organizations, <i>see</i> names of organizations.	
Veterinarians: activities of Kazan' Veterinary Institute, USSR.....	4943
examination announcement, amdT.....	4377
Vibration indicators, helicopter, final report	5723
Vice President of United States, presidential transition act, report.....	4526
Vietnam: North— economy, translations.....	4935, 5005, 5051, 5212, 5234, 5252, 5272, 5285, 5349, 5364,
political and sociological information, translations	5211, 5253, 5273, 5287, 5341, 5412

INDEX

	Entry		Entry
Vietnam—Continued		Water—Continued	
Republic		ground water—	
newsletter	5205	artificial recharge, Grand Prairie region, Ark. (series)	4809
U.S. imperialists to be completely defeated, Communist view	5188	Camp Ripley Military Reservation, Morrison County, Minn.	4813
South, <i>see</i> , above, Republic.		lower Mesilla Valley, Tex. and N. Mex.	4815
Vigness, I., sawtooth and half-sine shock impulses from Navy shock machine	5598	McMullen Valley, Ariz., resources	4811
Vinyl, <i>see</i> Polyvinyl pyrrolidone.		Rainbow Valley and Waterman Wash areas, Maricopa and Pinal Counties, Ariz.	4814
Virgin Islands:		Savannah area, Ga.-S.C.	4808
government, certain activities, 1962, GAO review	4769	southern New Castle County, Del.	4823
leasing of naval properties, status, hearings	4588	monolayers behavior of progressively fluorinated fatty acids adsorbed on water	5592
public school finance program, 1962-63	4643	quality management, comprehensive planning (address)	5648
Virginia, aerial radiological measuring survey ARMS, Norfolk Peninsula Area	4293	quality, national network	5659
Viruses, <i>see</i> names of virus diseases.		resources—	
Visual acuity, <i>see</i> Acuity.		Albany-Schenectady-Troy area, N.Y.	4800
Visual perception, <i>see</i> Perception.		Flint, Mich. area	4801
Vital statistics:		Green Bay area, Wis.	4802
data from national health survey—	5666	industrial areas (series)	4800-1
publications, price list	5643	industrial regions (series)	4802
United States (1960)	5667	Southwest, effects of drought	4787
natality	5667	ruby laser light transmission	5597
United States (1961)	5668	surface water—	
natality	5668	chemical quality, Saline River basin, Kans.	4810
Vitreous china plumbing fixtures, recorded voluntary standard of trade	5539	chemical quality, West Branch Susquehanna River basin	4824
Vogler, L. E., curves of input impedance change due to ground for dipole antennas	5546	color removal by carbon filter	4242
Voice of America, doubles its power, new Greenville complex	5738	quality for irrigation, Western States	4819
Volcanoes, Hawaii, 1955	4779	United States, compilation of records, Oct. 1950-Sept. 1960	4820-22
VOR, <i>see</i> Omiranges.		water supply papers	4799-4824
VTOL, <i>see</i> Aircraft.		<i>see also</i> Hydrogeology.	
W		Water carriers, deep sea domestic waterborne traffic, 1957-61	4874
Wage and Hour and Public Contracts Divisions, regulations	5750-15	Water pollution:	
Wages:		building for clean water, progress report, 1963	5646
community surveys, directory, 1948-June 1962	5440	control act, amend, report	4530
deferred increases due in 1964 and wage escalation	5448	Waterman Wash, ground-water conditions in area	4814
industry survey, communications—	5438	Watersheds:	
minimum, restaurants and other food service enterprises, extending	5752	grazed and ungrazed, Badger Wash Basin, Colo., 1953-58, hydrologic and biotic characteristics	4804
occupational survey, San Bernardino-Riverside-Ontario, Calif.	5437	hydrologic data, agricultural experimental watersheds, 1956-59	4213
women, equal pay in member nations of ILO	5768	Waterways Experiment Station, technical report	4671
Walker, George W., geology of uranium-bearing veins in continental United States	4797	Waveguides, VSWR measurement, Navy calibration program	5623
War, <i>see</i> Peace.		Waxes, Federal supply catalog, management data list, change	4601
War claims, <i>see</i> Claims.		Ways and Means Committee, House: committee prints	4512-13
Warehouses, wholesale, storing fruits and vegetables on pallets	4209	press releases, President's 1963 tax recommendations, compilation, committee print	4513
Warm air furnaces, <i>see</i> Furnaces.		Weapons:	
Warner, Donald F., summer sessions in colleges and universities of United States, 1960	4649	fleet ballistic missile, human factors design standards for—	
Warships, nuclear propulsion for naval surface vessels, hearings	4423	equipment	5619
Washington, D.C., <i>see</i> District of Columbia.		systems	5618
Wasson, P. A., conversion of hematite to magnetite with solid reductants	5485	nuclear—	
Waste products, pollution treatment works, assistance, report	4530	arms control measures and disarmament program	4276
Water:		general correlative studies Operation Bren	4294
conservation, list of publications	5641	systems fundamentals, synthesis	5622
field measurement of alkalinity	4805	Weather:	
geochemistry of water (series)	4805	maps, Northern Hemisphere, for IGY	5758

MARCH 1964

	Entry		Entry
Weather—Continued		Whipple, Elden C., jr., electricity in atmosphere above exchange layer	5518
modification techniques, Soviet review	4923	White, Natalie D., ground-water conditions in Rainbow Valley area, etc.	4814
service C schedules	4271	White, Robert M., nomination, hearings	4576
<i>see also</i> Meteorology.		White House Conference on Mental Retardation, 1963 legislation, programs, activities, etc.	4826
Weather Bureau:		White River, morphology and hydrology of glacial stream	4791
nomination of Robert M. White, hearings	4576	Whitefish, feeding habits in Arctic bodies of water, variation and multiplicity	5006
research progress and plans, 1963	5760	Whiteman, Majorie M., digest of international law	5697
Weather forecasts:		Wholesale trade, bibliography	5681
atmospheric pressure fields using hydrodynamic equations, USSR study	4960	<i>see also</i> names of commodities and industries.	
high-altitude, recent developments, USSR studies	5055	Wiitala, S. W., water resources of Flint, Mich., area	4801
Webster, Marvin W., peanut marketing	4206	Wildlife:	
Weevils, boll weevil, mechanical devices to expedite rearing in laboratory	4189	conservation, list of publications, special scientific reports, wildlife series	5641
Weights and measures, recommended unit prefixes, defined values and conversion factors	5545	TVA, valuable natural resources, wildlife leaflet	4746 5720 4747
Weissbrodt, Sylvia R., State labor legislation enacted in 1963	5424	Wildlife refuges:	
Welch, B. E., time-concentration effects in relation to oxygen toxicity	4258	managers, address list, 1963	4747
Welding:		refuge leaflets	4737
nickel and its alloys, USSR	5259	Wilkeson, Wash., coal study of area	5498
niobium and its alloys, USSR study	4911	Williams, Thomas F., clean air act, description	4825
Welfare, <i>see</i> Social work and problems.		Windmill Point (ferry boat): admit to American registry	4523
Welfare funds, welfare and pension plans disclosure act, bonding provisions of Federal labor laws, hearings	4492	Winds, fallout and winds	4373
Weller, William W., heat capacities and entropies of akermanites, etc.	5489	Winning cold war, U.S. ideological offensive, hearings	4497
Wells, ten-thousand meter exploratory well in Azerbaydzhan, USSR	5344	Winright, Ky., railroad accident	4880
Wenley, Archibald G., memorial volume, Ars Orientalis	4751	Winslow, Ariz., relief, report	4532
Wernick, Joel S., central factor in pure tone auditory fatigue	4317	Wirth, Michael, lichen family Graphidaceae in Mexico	5563
Wesley, Wallace A., good posture for boys and girls	4621	Wirtz, W. Willard, address, Nov. 6, 1963	5417
West (U.S.):		Wise County, Va., coal, carbonizing properties	5496
irrigation, quality of surface waters, Western States	4819	Wohl, Joseph G., human factors design standards for Fleet ballistic missile weapon system	5618
West Branch Susquehanna River, <i>see</i> Susquehanna River.		Women:	
West Des Moines, Iowa, sand and gravel operations and costs at Martin Marietta Corp.	5474	employing policies of national governments	5767
West Indies, sailing directions, change	5574	equal pay in member nations of ILO	5768
Wester, Robert E., suburban and farm vegetable gardens	4203	family and property law, Iowa, summary	5764
Western States, <i>see</i> West (U.S.).		high-level elective and appointive positions in national governments	5765
Western Training Center, catalog of courses, 1964	4374	Home and Community Committee, report	5638
Westinghouse Electric Corporation, excessive costs paid for propulsion reduction gears by Navy Dept., GAO report	4759	legal status in Michigan	5763
Whaling, international convention, amendments to schedule	5703	political rights in member nations of United Nations	5766
Whaling Commission, <i>see</i> International Whaling Commission.		Private Employment Committee report	5639
Wharton County, Tex., transfer from Galveston division to Houston division of southern district of Texas, report	4528	why continuing education programs?	5770
Wheat:		workers, Texas	5771
improved standards, background on	4198	Women, Status of, President's Commission, on, <i>see</i> President's Commission on Status of Women.	
legislation, hearings	4488	Women's Bureau:	
Wheelchairs, stairclimbing, developed in Germany	5749	bulletin	5763
		leaflet	5789
		publications, list	5789
		Woodcocks, status report, 1963	4746
		Woodward County, Okla., soil survey report	5693
		Wool, products labeling act, amend, hearing	4501

INDEX

	Entry		Entry
Work:		Yugoslavia:	
airman specialties, development of standard list of work requirement factors-----	4256	imports of machinery, 1957-61----	5186
maintaining work flow, supervisory training and development program-----	5686	labor law and practice-----	5434
planning and organizing, supervisory training and development program-----	5689	legal journals, abstracts-----	5037
Workers, see Labor--Women.		Yuma County, Ariz., geology and ground-water resources of McMullen Valley-----	4811
World agricultural situation, 1964--	4614	Z	
World War, 1939-45, USAF airborne operations-----	4264	Zaporozhstal' Plant, history and achievement, 13th anniversary--	5197
Wotruba, Thomas R., automatic merchandising-----	5682	Zashchita ot radioaktivnykh osadkov (periodical): translations-----	4983
Woven goods, <i>see</i> Textiles.		Zeff, J. D., internal environmental simulator for man-machine system-----	5586
Wrought metals, <i>see</i> names of metals.		Zinc, loading and transportation, Eagle-Picher Co. mines-----	5477
Y		Zinc oxide, phase diagram for system vanadium pentoxide-zinc oxide--	5605
Yakima River, hydraulic and geologic factors, effects on streamflow of basin-----	4807	Zip code, general information on progress (remarks)-----	5632
Yards and Docks Bureau, publications, index-----	5777	Zirconium, niobium-tungsten-zirconium and niobium-molybdenum-zirconium ternary systems, USSR investigation-----	4907
Yavapai County, Ariz., geology and ground-water resources of McMullen Valley-----	4811	Zoobenthos and nutrition of benthophagous fish in Lake Dalaynor, Chinese People's Republic-----	5001
Young, Albert G., testimony, hearings-----	4594	Zoologicheskii zhurnal (periodical): translations-----	5016
Young, J. A., diaphragms for sulfate cycle electrolytic cell-----	5615	Zoology, USSR studies, translations--	4938,
Youth:		Zooparasitology, USSR abstracts----	4999, 5098
American, national commitment to develop jobs, etc. (address)---	4646		
exceptional, education-----	4646		
occupational training, report----	4527		

Order Blank

To Superintendent of Documents,
Government Printing Office,
Washington, D.C. 20402

Date _____, 19_____

Your name _____

Street address _____

City, State, and Zip Code _____

Catalog number is shown at right-hand end of last line of entry in Monthly Catalog. Order *only* publications indicated by a star (*) preceding the list price.

For Use of Supt. of Docs.

----- Enclosed _____
----- To be mailed _____
----- later _____
----- Subscriptions _____
----- Refund _____
----- Coupon refund _____
----- Postage _____

CATALOG No.	QUANTITY DESIRED	TITLE OF PUBLICATION	AMOUNT
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----

For additional space use other side. Total, \$ _____
For PROMPT, ACCURATE SHIPMENT please fill in the following label—Please PRINT or typewrite.

U.S. GOVERNMENT PRINTING OFFICE
DIVISION OF PUBLIC DOCUMENTS
WASHINGTON, D.C. 20402

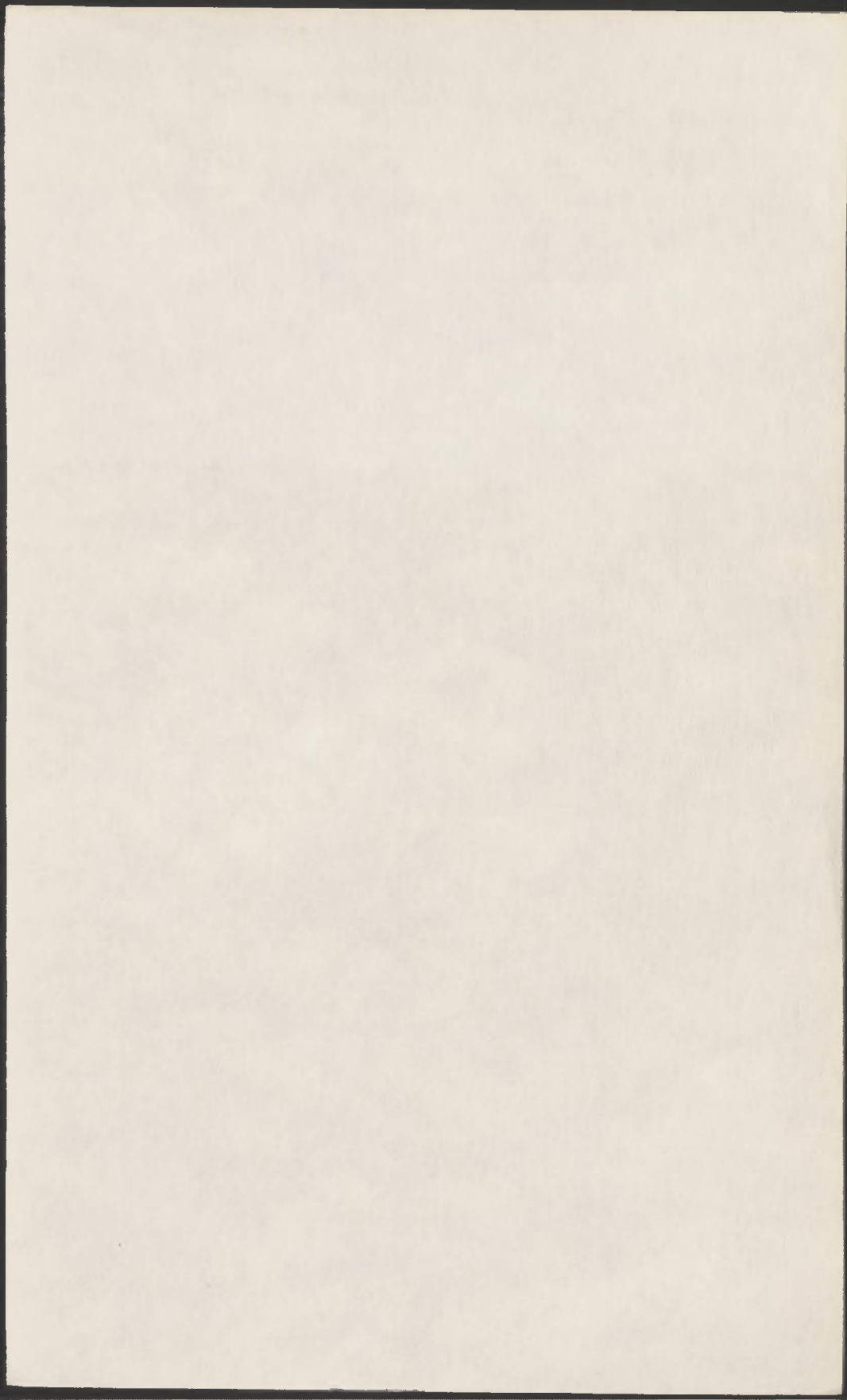
PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, \$300
(GPO)

OFFICIAL BUSINESS
RETURN AFTER FIVE DAYS

Name _____

Street Address _____

City, State, and Zip Code _____



**UNITED STATES
GOVERNMENT PRINTING OFFICE**

DIVISION OF PUBLIC DOCUMENTS
WASHINGTON, D.C. 20402

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, \$300
(GPO)