

# MONTHLY CATALOG

UNITED STATES

GOVERNMENT PUBLICATIONS

OCTOBER 1966

Entries 14098-15433

## 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 Clearinghouse for Federal Scientific and Technical Information, Springfield, Va. 22151.

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 Clearinghouse for Federal Scientific and Technical Information, Springfield, Va. 22151
- † 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

## SIZES OF PUBLICATIONS

Symbols used to designate sizes of publications listed in this catalog are as follows:

4°-----	6-12 inches high and width more than $\frac{3}{4}$ of height
large 4°-----	over 12 inches high and width more than $\frac{3}{4}$ of height
small 4°-----	under 6 inches high and width more than $\frac{3}{4}$ of height
8°-----	8-10 inches in height (size not given in entry except where publication is narrow or oblong)
large 8°-----	10-12 inches in height
12°-----	7-8 inches in height
16°-----	6-7 inches in height
24°-----	5-6 inches in height
32°-----	4-5 inches in height
48°-----	up to 4 inches high
f°-----	above 12 inches in height
narrow-----	width less than $\frac{3}{5}$ of height
oblong-----	width more than height

# MONTHLY CATALOG

OF UNITED STATES  
GOVERNMENT PUBLICATIONS



---

OCTOBER 1966

Number 861

---

Entries 14098-15433

Issued by the SUPERINTENDENT OF DOCUMENTS

U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 : 1966



MONTHLY

CATALOG

OF UNITED STATES

GOVERNMENT PUBLICATIONS

Number 581

OCTOBER 1968

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.

- Analysis of crude oils from 546 important oilfields in United States. (Mines Bureau, Report of Investigations 6819.) \$1.75. ● I 28.23: 6819
- Carbon monoxide. (Public Health Service, Publication 1503, Bibliography series no. 68.) \$2.50. ● FS 2.21: 68
- Changes in stratigraphic nomenclature by U.S. Geological Survey. (Geological Survey, Bulletin 1244-A.) 25c. ● I 19.3: 1244-A
- Cotton production and distribution for year ending July 31, 1965. (Census Bureau, Bulletin 202.) 30c. ● C 3.3: 202
- Current projects on economic and social implications of science and technology. (National Science Foundation, NSF 66-21.) 65c. ● NS 1.23: 965
- Decisions of Federal Maritime Commission, vol. 8, Mar. 1964-Apr. 1965. (Federal Maritime Commission.) \$3.50. ● FMC 1.10: 8
- Design of facilities for the mentally retarded. (Public Health Service, Publication 1181-C-1.) 35c. ● FS 2.74/5: C-1
- Early skeletons from Tranquility, Calif. (National Museum, Smithsonian contributions to anthropology vol. 2, no. 1.) 30c. ● SI 3.11: 2/1
- Equal opportunity in Federal employment. (Civil Service Commission, Pamphlet 65, revised.) 5c. ● CS 1.48: 65/3
- Final examinations in Russian 10-year school. (Education Office, OE-14126.) 15c. ● FS 5.214: 14126
- Fossil marine mammals. (National Museum, Bulletin 247, parts 3 and 4.) 75c. ● SI 3.3: 247/pt.3,4
- Geology and hydrology of northeastern Nassau County, Long Island, N.Y. (Geological Survey, Water-supply paper 1825.) \$2.00. ● I 19.13: 1825
- Geology of Arabian Peninsula, Yemen. (Geological Survey, Professional paper 560-B.) 30c. ● I 19.16: 560-B
- Human frontier, remarks on equality in education by Harold Howe II, Commissioner of Education. (Education Office, OE-38002.) 25c. ● FS 5.238: 38002
- Hydraulic downpull forces on large gates. (Reclamation Bureau, Research report 4.) 35c. ● I 27.54: 4
- Hydrology of cavernous limestones of Mammoth Cave area, Kentucky. (Geological Survey, Water-supply paper 1837.) 35c. ● I 19.13: 1837
- Indians of California. (Indian Affairs Bureau.) 15c. ● I 20.51: C 12
- Murine leukemia. (Public Health Service, National Cancer Institute monograph 22.) \$6.25. ● FS 2.22/18: 22
- National register of shellfish production areas. (Public Health Service, Publication 1500.) 15c. ● FS 2.2: Sh 4/4
- National survey of fishing and hunting 1965. (Fish and Wildlife Service, Resource publication 27.) 75c. ● I 49.66: 27
- Neonatal respiratory adaptation, proceedings of conference. (Public Health Service, Publication 1432.) \$1.25. ● FS 2.22: R 31/13
- New water for old. (Federal Water Pollution Control Administration, WP-19.) 15c. ● I 67.2: W 29
- Pneumatic conveyor for distributing farm feed. (Agriculture Department, Production research report 92.) 15c. ● A 1.84: 92
- Preparing contractor reports for NASA, data presentation. (National Aeronautics and Space Administration, NASA SP-7025.) 15c. ● NAS 1.21: 7025

- Productivity, a bibliography.** (Labor Statistics Bureau, Bulletin 1514.) 65c. ●  
L 2.3:1514
- Psychopharmacology handbook, vol. 4.** (Public Health Service, Publication 1497, Bibliography series 67.) \$2.00. ●  
FS 2.21:67
- Safety in your future.** (Education Office, OE-84032.) 15c. ●  
FS 5.284:84032
- Significant achievements in satellite geodesy, 1958-64.** (National Aeronautics and Space Administration, NASA SP-94.) 70c. ●  
NAS 1.21:94
- Small stores planning for growth.** (Small Business Administration, Small business management series 33.) 50c. ●  
SBA 1.12:33
- Study of strip and surface mining in Appalachia.** (Mines Bureau.) \$1.00 ●  
I 28.2:Ap4
- Taxation, key factor in business decisions.** (Small Business Administration, Administrative management course program, topic 8.) \$1.50. ●  
SBA 1.24:8
- Technical manpower, requirements, resources, and training needs.** (Labor Statistics Bureau, Bulletin 1512.) 60c. ●  
L 2.3:1512
- Tertiary plans from Cook Inlet region, Alaska.** (Geological Survey, Professional paper 398-B.) 55c. ●  
I 19.16:398-B
- United States earthquakes, 1964.** (Coast and Geodetic Survey.) 55c. ●  
C 4.25/2:964
- Wildlife research: Problems, programs, progress 1965.** (Fish and Wildlife Service, Resource publication 23.) 70c. ●  
I 49.66:23
- World power data, capacity of electric generating plants and production of electric energy, 1964.** (Federal Power Commission.) 20c. ●  
FP 1.2:W 89/964
- You and the public.** (Civil Service Commission, Federal employee facts no. 6.) 5c. ●  
CS 1.59:6

## Contents

---

	Page
Previews -----	III
Abbreviations, Explanation-----	VI
General Information-----	VII
How To Order Publications-----	VIII
New Classification Numbers-----	IX
Corrections for Previous Monthly Catalogs-----	X
Classified List of Government Authors--	XI
Monthly Catalog-----	1
Index-----	91

---

## 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 plates.
Cong-----	Congress.	par., pars-----	paragraph, paragraphs.
Dept-----	Department.	pl-----	plate, plates.
doc-----	document.	por-----	portrait, portraits.
facsim-----	facsimile, facsimiles.	pt., pts-----	part, parts.
fy-----	fiscal year.	rp-----	report.
G.H.A-----	Greenwich hour angle.	S-----	Senate, Senate bill.
H-----	House.	S. Con. Res-----	Senate concurrent resolution.
H. Con. Res-----	House concurrent resolution.	S. doc-----	Senate document.
H. doc-----	House document.	S. ex. doc-----	Senate executive document.
H. ex. doc-----	House executive document.	S. ex. rp-----	Senate executive report.
H. J. Res-----	House joint resolution.	S. J. Res-----	Senate joint resolution.
H.R-----	House of Representatives, House bill.	S. Res-----	Senate resolution.
H. Res-----	House resolution.	S. rp-----	Senate report.
H. rp-----	House report.	sec-----	section, sections.
il-----	illustration, illustrations.	sess-----	session, sessions.
in-----	inch, inches.	Stat. L-----	Statutes at large.
lat-----	latitude.	supp-----	supplement.
long-----	longitude.	tab-----	table, tables.
m-----	mile.	Treas-----	Treasury.
		v-----	volume, volumes.
		vs., v-----	versus.

Common abbreviations for the names of States, months, etc., are also used.  
 An explanation of the symbols used to designate sizes of publications is given on the inside of the front cover.

## Explanation

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

Words and figures enclosed in brackets [ ] in titles 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. 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, except administrative and confidential (or restricted), are entered in the Monthly Catalog.

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 Clearinghouse for Federal Scientific and Technical Information, are indicated by a farad (Φ) 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 advance 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 77.237/2: date-----	Agricultural Research Service. National tick surveillance program, calendar year. NOTE.—Formerly entitled National tick survey and classified A 77.202: T 43/2.
C 30.82: Reserved	Weather Bureau.
C 30.83: date-----	Operations of the Weather Bureau (semi-annual).
C 52.13: Reserved	Environmental Science Services Administration.
C 52.14: date-----	ESSA world (quarterly).
CS 1.65/3: date-----	Civil Service Commission. Executive Seminar Centers [programs]. NOTE.—See, for earlier class, CS 1.2: Ex 3/6/ (date).
D 301.35/3: nos-----	Air Force Department. Air Force Systems Command pamphlets.
FAA 2.8/2: nos-----	Systems Research and Development Service. Reports.
FS 14.219: Reserved	Family Services Bureau.
FS 14.220: date-----	Progress report on staff development (annual). General Services Administration.
GS 1.14/8: -9: Reserved	Federal Fire Council: Addresses.
GS 1.14/10: CT-----	Housing and Urban Development Department.
HH 1.26: date-----	Urban planning assistance program project directory. NOTE.—See, for earlier class, HH 7.8/3: (date).
I 28.30/4: date-----	Mines Bureau. Coke and coal chemicals, annual.
I 29.72: -.73: Reserved	National Park Service.
I 29.74: CT-----	Historic American Buildings Survey.
I 67.11: Reserved	Federal Water Pollution Control Administration.
I 67.12: date-----	Selected summaries of water research.
L 1.7/3: Reserved	Labor Department.
L 1.7/4: CT-----	Regulations and interpretative bulletins.
NC 3.8: CT-----	National Capital Regional Planning Council. Handbooks, manuals, guides.
PrEx 2.16: Reserved	Budget Bureau.
PrEx 2.17: nos-----	Working papers.
PrEx 7.2: CT-----	Foreign Broadcast Information Service. General publications.
T 47.50/2: date-----	Coast Guard. Bibliography of publications for public education and membership training.
VA 1.43/4: date-----	Veterans Administration. Medical research program.

- Y 3.C49/2:9/v.nos----- Civil War Centennial Commission.  
 Military operations of the Civil War, guide  
 index to Official records of Union and Con-  
 federate armies, 1861-65.  
 Y 3.C49/2:9a/letters----- : (Separates by section).  
 Equal Employment Opportunity Commission.  
 Y 3.Eq 2:10/date----- Digest of legal interpretations issued or adopted  
 by Commission (quarterly).  
 Standards and Conduct, Select Committee on,  
 Senate.  
 Y 4.St 2/2:CT----- Publications.

### Corrections for Previous Monthly Catalogs

- Oct. 1958. Entry 15261, Review of mental health in industry. Correct class to read FS 2.22: M52/20.  
 Sept. 1960. Entry 14685, Procedures for testing pasteurization equipment. Correct class to read FS 2.60/7: P26.  
 Dec. 1961. Page 119, 2d column, under Armed Forces: officer, guide to philosophy, ideals, and principles of leadership, correct 5331 to read 5321.  
 Dec. 1964. Page 486, 1st column, 6th line, above production, . . . insert Pears:.  
 Jan. 1965. Entry 1494, Directory of standards laboratories. Change class to read C 13.2: St 2/2.  
 May 1965. Entry 7790, Report to Congress of United States: Unnecessary rental costs incurred because of delay in purchasing components of 2 automatic data processing systems, Social Security Administration, Department of Health, Education, and Welfare. Change class to read GA 1.13: Au 8/27.  
 — Entry 8295, Career opportunities in communications and records with Department of State, domestic and overseas assignments. Correct class to read S 1.2: C 73/5/965.  
 July 1965. Entry 10952, Report to Congress of United States: Failure to adequately consider financial advantages of purchasing over leasing automatic data processing systems used by Bureau of Labor Statistics, Department of Labor. Change class to read GA 1.13: Au 8/28.  
 Jan. 1966. Entry 785, Exchange scholars, new dimension in International understanding, Board of Foreign Scholarships, 3d annual report. Correct class to read Y3.F 76/4: 1/965.  
 Feb. 1966. Entry 2574, Career opportunities in communications and records with Department of State, domestic and overseas assignments. Correct class to read S 1.2: C 73/5/965-2.  
 — Entry 3047, Housing and planning references, new series. Correct class to read HH 1.23/3: (nos.).  
 Mar. 1966. Entry 4347, Equal employment opportunity is good business. Correct class to read Y 3.Eq 2: 2 Em 7.  
 Apr. 1966. Entry 5842, [Armed Forces Institute textbook], AO 68, Introductory science. Delete † and substitute \*Paper, \$2.25.  
 June 1966. Entry 8645, W. World war on hunger, hearings, 89th Congress, 2d session, on H.R. 12152, H.R. 12784, and H.R. 12785, pt. 3, Feb. 28-Mar. 22, 1966. Correct class to read Y 4.Ag 8/1: H 89/pt.3.  
 July 1966. Entry 10119, Proceedings, symposia on arctic medicine and biology: 4, Frostbite. Correct class to read D 301.45: Ar 2/no.4.  
 Aug. 1966. Entries 11378-384, School of Aerospace Medicine: Technical reports, SAM-TR (series). Correct class to read D 301.26/13-6: (nos.).  
 — Entry 12286, add 6009(01) following the entry number.

# Classified List of Government Authors

	Beginning entry
Administrative Office of United States Courts.....	14098
Agriculture Department.....	14120
Agricultural Research Service.....	14099
Consumer and Marketing Service.....	14507
Economic Research Service.....	14529
Farmer Cooperative Service.....	14589
Farmers Home Administration.....	14596
Federal Extension Service.....	14625
Forest Service.....	14693
National Agricultural Library.....	15204
Rural Electrification Administration.....	15319
Soil Conservation Service.....	15333
Statistical Reporting Service.....	15375
Arms Control and Disarmament Agency.....	14207
Atomic Energy Commission.....	14236
Civil Aeronautics Board.....	14284
Civil Rights Commission.....	14293
Civil Service Commission.....	14295
Civil War Centennial Commission.....	14313
Commerce Department.....	14319
Business and Defense Services Administration.....	14246
Business Economics Office.....	14247
Census Bureau.....	14248
Environmental Science Services Administration.....	14577
Coast and Geodetic Survey.....	14314
Weather Bureau.....	15418
International Commerce Bureau.....	14780
Maritime Administration.....	14988
National Bureau of Standards.....	15206
Patent Office.....	15256
Public Roads Bureau.....	15313
United States Travel Service.....	15401
Congress.....	14330
Congress, Joint Committee on Organization of.....	14368
Economic Joint Committee.....	14369
House of Representatives.....	14378
Agriculture Committee.....	14403
Appropriations Committee.....	14408
Armed Services Committee.....	14409
Banking and Currency Committee.....	14413
Education and Labor Committee.....	14415
Foreign Affairs Committee.....	14418
Government Operations Committee.....	14422
House Administration Committee.....	14426
Interior and Insular Affairs Committee.....	14427



Congress—Continued	
House of Representatives—Continued	
	Beginning entry
Interstate and Foreign Commerce Committee.....	14427
Judiciary Committee.....	14429
Merchant Marine and Fisheries Committee.....	14431
Post Office and Civil Service Committee.....	14434
Public Works Committee.....	14437
Small Business, Select Committee on.....	14442
Veterans' Affairs Committee.....	14443
Ways and Means Committee.....	14445
Senate.....	14447
Aging, Special Committee on.....	14469
Agriculture and Forestry Committee.....	14470
Appropriations Committee.....	14471
Armed Services Committee.....	14473
Banking and Currency Committee.....	14474
Commerce Committee.....	14478
Finance Committee.....	14480
Foreign Relations Committee.....	14481
Government Operations Committee.....	14482
Interior and Insular Affairs Committee.....	14486
Judiciary Committee.....	14492
Labor and Public Welfare Committee.....	14498
Post Office and Civil Service Committee.....	14502
Public Works Committee.....	14503
Rules and Administration Committee.....	14504
Small Business, Select Committee on.....	14505
Defense Department.....	14514
Air Force Department.....	14167
Air Force Academy.....	14165
Armed Forces Information and Education.....	14203
Army Department.....	14208
Army Medical Service.....	14235
Civil Defense Office.....	14289
Engineers Corps.....	14570
Lake Survey.....	14985
Defense Documentation Center.....	14524
Joint Chiefs of Staff.....	14786
Navy Department.....	
Marine Corps.....	14987
Medicine and Surgery Bureau.....	14989
Naval Operations Office.....	15240
Naval Observatory.....	15229
Naval Oceanographic Office.....	15230
Naval Personnel Bureau.....	15241
Naval Research Office.....	15250
District of Columbia.....	14525
Equal Employment Opportunity Commission.....	14582
Federal Aviation Agency.....	14598
Air Traffic Service.....	14198
Aviation Medicine Office.....	14243
Flight Standards Service.....	14681
Systems Research and Development Service.....	15384
Federal Communications Commission.....	14619



	Beginning entry
Federal Deposit Insurance Corporation.....	14623
Federal Home Loan Bank Board.....	14627
Federal Maritime Commission.....	14633
Federal Mediation and Conciliation Service.....	14635
Federal Reserve System Board of Governors.....	14637
Federal Trade Commission.....	14647
Foreign Broadcast Information Service.....	14686
Foreign Scholarships Board.....	14691
Foreign-Trade Zones Board.....	14692
General Accounting Office.....	14721
General Services Administration.....	14740
Federal Supply Service.....	14643
National Archives and Records Service	
Federal Register Office.....	14636
Government Printing Office	
Public Documents Division.....	15264
Health, Education, and Welfare Department.....	14757
Education Office.....	14549
Food and Drug Administration.....	14685
Public Health Service.....	15267
National Library of Medicine.....	15219
Social Security Administration.....	15326
Federal Credit Unions Bureau.....	14622
Vocational Rehabilitation Administration.....	15415
Welfare Administration.....	15425
Children's Bureau.....	14282
Family Services Bureau.....	14583
Housing and Urban Development Department.....	14760
Federal Housing Administration.....	14629
Urban Renewal Administration.....	15412
Interior Department.....	14768
Federal Water Pollution Control Administration.....	14648
Fish and Wildlife Service.....	14650
Geographic Names Board.....	14743
Geological Survey.....	17745
Indian Affairs Bureau.....	14763
Mines Bureau.....	14998
National Park Service.....	15220
Outdoor Recreation Bureau.....	15253
Reclamation Bureau.....	15317
Interstate Commerce Commission.....	14784
Joint Publications Research Service.....	14788-1
Justice Department.....	14959
Immigration and Naturalization Service.....	14762
Prisons Bureau.....	15263
Labor Department.....	14961
Labor Standards Bureau.....	14965
Labor Statistics Bureau.....	14968
Manpower Administration	
Apprenticeship and Training Bureau.....	14200
Employment Security Bureau.....	14567
Wage and Hour and Public Contracts Divisions.....	15416
Women's Bureau.....	15430

	Beginning entry
Library of Congress.....	14986
National Aeronautics and Space Administration.....	15036
National Capital Planning Commission.....	15212
National Capital Regional Planning Council.....	15213
National Commission on Food Marketing.....	15214
National Railroad Adjustment Board.....	15226
National Science Foundation	
Science Information Service Office.....	15320
Post Office Department.....	15258
President of United States.....	15261
Executive Office of the President	
Budget Bureau.....	14244
Economic Opportunity Office.....	14526
Renegotiation Board.....	15318
Securities and Exchange Commission.....	15321
Selective Service System.....	15322
Small Business Administration.....	15323
State Department.....	15336
Tariff Commission.....	15385
Tennessee Valley Authority.....	15389
Treasury Department.....	15392
Coast Guard.....	14315
Customs Bureau.....	14513
Internal Revenue Service.....	14775
Narcotics Bureau.....	15035
Veterans Administration.....	15413
White House Conference To Fulfill These Rights.....	15429

# Monthly Catalog

NO. 861 • OCTOBER 1966

## ADMINISTRATIVE OFFICE OF UNITED STATES COURTS Washington, D.C. 20543

- 14098 Persons under supervision of Federal probation system, fiscal year 1965; [prepared by James A. McCafferty]. [1966.] x+107 p. il. 4° †  
L.C. card 64-62120 Ju 10.2: P 94/965

## AGRICULTURAL RESEARCH SERVICE, Agriculture Dept. Washington, D.C. 20250

- 14099 Animal morbidity report, calendar year 1965. July 1966. [4] p. 4°  
(Technical Services, Animal Disease Eradication Division.) †  
A 77.229/2: 965-2
- ARS (series). † A 77.15: (nos.)
- 14100 33-114. Field evaluation of chemical compounds for control of cabbage caterpillars; by C. S. Creighton and W. J. Reid, jr. July 1966. 8 p. 4°  
[Prepared in cooperation with South Carolina Agricultural Experiment Station.]  
L.C. card Agr 66-265
- 14101 41-75-15. Abstracts of recent published material on soil and water conservation, no. 39. [July 1966.] cover title, [2]+136 p. 4° [Text on p. 2 of cover.] • Item 25-B  
L.C. card Agr 49-669
- 14102 41-122. Storage flood routing without coefficients [with list of literature cited; by D. L. Brakensiek]. June 1966. 27 p. il. 4°  
L.C. card Agr 66-229
- 14103 42-96. Application of granular herbicides to ornamental plant materials in nurseries; by J. P. Mahlstede and W. G. Lovely. May 1966. 16 p. il. 4°  
L.C. card Agr 66-167
- 14104 42-116. References on regional cotton mechanization research projects S-2 and W-24. May 1966. 51 p. 4° ([Agricultural Engineering Research Division.])  
L.C. card Agr 66-197
- 14105 42-119. Cherry firmness and its relationship to pitter loss; [by] R. E. Parker, J. H. Levin, and H. P. Gaston. May 1966. 8 p. il. 4°  
L.C. card Agr 66-198
- 14106 42-121. Boll weevil control in field experiment with machine designed to destroy shed cotton squares; [by] Eddie C. Burt, M. E. Merkl, and T. B. Davich. Aug. 1966. 6 p. il. 4°  
L.C. card Agr 66-292
- 14107 44-176. Value of mature corn for silage; by C. H. Gordon, J. C. Derbyshire, and J. L. Humphrey. May 1966. 6 p. 4°  
L.C. card Agr 66-280
- 14108 51-6. Evaluation in Illinois of 4 inert dusts on stored shelled corn for protection against insects, progress report [with list of literature cited; by James K. Quinlan and Wayne L. Berndt]. June 1966. 20 p. il. 4°
- 14109 51-7. Evaluation of 4 inert dusts for protection of shelled corn in Georgia from insect attack [with list of literature cited; by L. M. Redlinger and H. Womack]. June 1966. 25 p. il. 4°  
L.C. card Agr 66-269
- 14110 51-8. Evaluation of 4 inert dusts for protection of stored wheat in Kansas from insect attack [with list of literature cited; by G. D. White and others]. June 1966. 21 p. 4°  
L.C. card Agr 66-270
- 14111 51-9. Malathion-treated drying trays to protect raisins from insects, commercial tests in 1965; [by Howard D. Nelson]. Aug. 1966. 7 p. 4°  
L.C. card Agr 66-289

ΦFor Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
•Sent to Depository Libraries

Page 1

# GOVERNMENT PUBLICATIONS

## ARS (series)—Continued

- 14112 52-14. Prototype hydrohandling system for sorting and sizing apples before storage; [by B. A. Stout and others]. Aug. 1966. 12 p. il. 4° [Prepared by Transportation and Facilities Research Division and Departments of Agricultural Engineering and Horticulture, Agricultural Experiment Station, Michigan State University.] L.C. card Agr 66-268
- 14113 81-12. Cleanup and confirmation of identity of pesticide residues by thin-layer chromatography; pt. 1, Soil, water, and sediment [with list of literature cited]; by R. L. Schutzmann, W. F. Barthel, and J. A. Warrington. May 1966. 12 p. il. 4°
- 14114 National tick surveillance program, calendar year 1965. May 10, 1966. 15 p. il. 4° (Animal Health Division.) † A 77.237/2: 965
- 14115 Plant inventory 167, plant material introduced Jan. 1-Dec. 31, 1959 (nos. 254695 to 262678) [received by New Crops Research Branch, Crops Research Division; by] Eugene Griffith and Howard L. Hyland. Aug. 1966. 351 p. † ● Item 101 A 77.515: 167
- 14116 Plant quarantine import requirements of Great Britain (England, Scotland, and Wales). July 21, 1966. 7 p. (Plant Quarantine Division.) [Issued with perforations. Supersedes summary June 13, 1960, ECP 1, Sept. 7, 1960, ECP 3, Jan. 17, 1961, and TM Dec. 16, 1964, insofar as they pertain to England, Scotland, and Wales, and TM Sept. 15, 1965.] † A 77.329: G 798/966

## USDA consumer expenditure survey reports. ● Item 26-B

- 14117 32. Consumer expenditures and income, rural farm population, north central region, 1961, detailed tabulations (table 29). [July 1966.] cover title, il+122 p. 4° [Statistical reports from Survey of consumer expenditures with BLS and CES numbers inside back cover.] \* Paper, 60c. A 77.22: (nos.)
- 14118 33. Consumer expenditures and income, rural farm population, southern region, 1961, detailed tabulations (table 29). [July 1966.] cover title, il+122 p. 4° [Statistical reports from Survey of consumer expenditures with BLS and CES numbers inside back cover.] \* Paper, 60c.
- 14119 Veterinary Biologics Division notice 3: Biological products produced in licensed establishments, fiscal year 1966. July 25, 1966. 8 p. 4° (Veterinary Biologics Division.) † A 77.226/3: 3

## AGRICULTURE DEPARTMENT Washington, D.C. 20250

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

- 14120 [Address by Secretary of Agriculture Orville L. Freeman at Animal Industry Day at Virginia Polytechnic Institute, Blacksburg, Va., July 29, 1966.] [1966.] 14 p. 4° (2269; USDA 2370-66.) † A 1.40: F 87/250
- 14121 [Address by Secretary of Agriculture Orville L. Freeman at annual meeting of National Forest Products Association, May 4, 1966, Washington, D.C.] [1966.] 18 p. 4° (2646; USDA 1366-66.) † A 1.40: F 87/232
- 14122 [Address by Secretary of Agriculture Orville L. Freeman at annual spring meeting of National Association of Farm Broadcasters, Washington, D.C., June 29, 1966.] † A 1.40: F 87/244
- 14123 [Address by Secretary of Agriculture Orville L. Freeman at Arlington watershed dedication, Woodbury County, Iowa, June 18, 1966.] [1966.] 9 p. 4° (3009; USDA 1857-66.) † A 1.40: F 87/241
- 14124 [Address by Secretary of Agriculture Orville L. Freeman at ceremonies honoring Phillip Alampi, New Jersey Secretary of Agriculture, as New Jersey's outstanding citizen of the year, Newark, N.J., June 9, 1966.] [1966.] 11 p. 4° (2907; USDA 1728-66.) † A 1.40: F 87/238
- 14125 [Address by Secretary of Agriculture Orville L. Freeman at Washington Agricultural Conference on Trade with Japan, Washington, D.C., June 23, 1966.] [1966.] 10 p. 4° (3047; USDA 1904-66.) † A 1.40: F 87/243

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



- 14126 [Address by Secretary of Agriculture Orville L. Freeman before Business Council, Hot Springs, Va., May 14, 1966.] [1966.] 17 p. 4° (2736; USDA 1486-66.) † A 1.40: F 87/235
- 14127 [Address by Secretary of Agriculture Orville L. Freeman before Chamber of Commerce, Columbus, Ind., July 22, 1966.] [1966.] 16 p. 4° (2194; USDA 2266-66.) † A 1.40: F 87/245
- 14128 [Address by Secretary of Agriculture Orville L. Freeman before National Press Club, Washington, D.C., May 13, 1966.] [1966.] 10 p. 4° (2733; USDA 1483-66.) † A 1.40: F 87/234
- 14129 [Address by Secretary of Agriculture Orville L. Freeman before Planned Parenthood Federation at luncheon meeting, Washington, D.C., May 6, 1966.] [1966.] 14 p. 4° (2676; USDA 1404-66.) † A 1.40: F 87/233
- Agriculture handbooks. • Item 3** A 1.76:(nos.)
- 14130 306. Insect pests of deciduous fruits in West; by E. J. Newcomer. [Aug. 1966.] [2]+57 p. il. (Agricultural Research Service.) [Contains information formerly published in Circular 270, Orchard insects of Pacific Northwest and their control.] \* Paper, 30c.  
L.C. card Agr 66-286
- 14131 314. White clover [with list of literature cited; by Pryce B. Gibson and E. A. Hollowell.] [Aug. 1966.] [2]+33 p. il. 4° (Agricultural Research Service.) †  
L.C. card Agr 66-279
- 14132 324. Administrative manual for McIntire-Stennis cooperative forestry research program. Aug. 1966. iv+29 p. 4° (Cooperative State Research Service.) Page 29 appears on p. 3 of cover.] \* Paper, 25c.
- Agriculture information bulletin. • Item 4**
- 14133 307. Rain traps for intercepting and storing water for livestock; [by C. W. Lauritzen and Arnold A. Thayer] [Aug. 1966.] [2]+10 p. il. (Agricultural Research Service.) [Prepared in cooperation with Utah Agricultural Experiment Station.] \* Paper, 10c.  
L.C. card Agr 66-267 A 1.75: 307
- 14134 [Commencement address by Secretary of Agriculture Orville L. Freeman at Fairleigh Dickinson University, Madison, N.J., June 11, 1966.] [1966.] 11 p. 4° (2916; USDA 1738-66.) † A 1.40: F 87/239
- Farmers' bulletins. • Item 9** A 1.9:(nos.)
- 14135 2042. Commercial growing of sweet corn; [by E. V. Wann and S. H. Yarnell]. [Revised July 1966.] [1966.] [2]+18 p. il. \* Paper, 15c.  
L.C. card Agr 66-243
- 14136 2206. Foot rot of sheep; [prepared by Animal Disease and Parasite Research Division and Animal Health Division, Agricultural Research Service]. [Revised Aug. 1966.] [1966.] 16 p. il. [Some illustrations are colored.] \* Paper, 20c.
- Home and garden bulletins. A 1.77:(nos.)**
- 14137 10. Home freezing of fruits and vegetables; [prepared by Human Nutrition Research Division, Agricultural Research Service]. [Revised May 1965, slightly revised July 1966.] [1966.] 48 p. il. \* Paper, 20c.
- 14138 114. Growing flowering perennials; [by Henry M. Cathey]. [Aug. 1966.] ii+22 p. il. ([Crops Research Division, Agricultural Research Service.] \* Paper, 15c. • Item 11  
L.C. card Agr 66-266
- Marketing bulletin. • Item 13-G**
- 14139 1. How to buy poultry by USDA grades. Revised Sept. 1966. [1966.] [6] p. il. narrow 8° (Consumer and Marketing Service.) † A 1.95:1/3
- Marketing research reports. • Item 13-B** A 1.82:(nos.)
- 14140 749. Chilling injury of eggplant fruits; [by Lacy P. McColloch]. [Aug. 1966.] [2]+5 p. il. (Agricultural Research Service.) \* Paper, 5c.  
L.C. card Agr 66-285
- 14141 760. Homemakers' opinions about and preferences for broiler-fryers and turkeys; [by Edward M. Knott]. [July 1966.] cover title, iv+136 p. 4° (Statistical Reporting Service.) \* Paper, 65c.  
L.C. card Agr 66-283
- 14142 764. Pooling by Florida citrus cooperatives following 1962 freeze; [by] Fred E. Hulse, Julian R. Meitin and H. G. Hamilton. [July 1966.] vi+16 p. il. 4° (Farmer Cooperative Service.) [Prepared in cooperation with Florida Agricultural Experiment Stations, University of Florida.] \* Paper, 20c.  
L.C. card Agr 66-272
- 14143 766. Losses in transporting and handling grain by selected grain marketing cooperatives; [by Joseph E. Rickenbacker and William H. Thompson]. [Aug. 1966.] iv+22 p. il. 4° (Farmer Cooperative Service.) †  
L.C. card Agr 66-287

☛For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

Page 3



# GOVERNMENT PUBLICATIONS

## Marketing research reports—Continued

- 14144 767. Young people's use and appraisal of natural and competing fibers in wearing apparel; [by Special Survey Branch, Standards and Research Division, Statistical Reporting Service]. [Aug. 1966.] cover title, ii+190 p. 4° (Statistical Reporting Service.) †  
L.C. card Agr 66-293

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

- 14145 1014. Opportunities for doctors of veterinary medicine in USDA. [June 1966.] [4] p. il. [Supersedes MP 858 Opportunities for doctors of veterinary medicine in ARS.] †  
14146 1021. Storage shed for fertilizer, 40 ton capacity. July 1966. 2 p. il. 4° (Co-operative farm building plan exchange; plan 5966.) \* Paper, 5c.

## PA [Program aid] (series). ● Item 14-A A 1.68:(nos.)

- 14147 268. Outline for teaching conservation in elementary schools [with list of references]. [Aug. 1955, slightly revised July 1966.] [1966.] [2]+14 p. il. 4° (Soil Conservation Service.) †  
14148 399. Packers and stockyards act, what it is, how it operates. [Revised July 1963, slightly revised July 1966.] [1966.] [2]+8+[1] p. il. (Consumers and Marketing Service, Packers and Stockyards Division.) †  
14149 728. Shopper's guide for canned peas. July 1966. [4] p. il. 4° (Consumer and Marketing Service.) \* Paper, 5c.

## Production research report. ● Item 13-C

- 14150 93. Anatomical and agronomic studies of phormium in western Oregon [with list of literature cited; by Yesh Pal Puri and others]. [Aug. 1966.] [3]+43 p. il. (Agricultural Research Service.) [Prepared in cooperation with Oregon Agricultural Experiment Station.] \* Paper, 15c.  
L.C. card Agr 66-290 A 1.84: 93

- 14151 [Remarks by Secretary of Agriculture Orville L. Freeman at National Legislative Leaders Conference, Washington, D.C., June 16, 1966.] [1966.] 9 p. 4° (2987; USDA 1830-66.) † A 1.40: F 87/240

- 14152 [Remarks by Secretary of Agriculture Orville L. Freeman at signing ceremonies for 1st Greenspan agreement under cropland adjustment program in Newark, N.Y., May 26, 1966.] [1966.] 13 p. 4° (2808; USDA 1603-66.) † A 1.40: F 87/237

- 14153 [Remarks by Secretary of Agriculture Orville L. Freeman to Board of Directors of International Voluntary Services, Washington, D.C., May 25, 1966.] [1966.] 8 p. 4° (2798; USDA 1589-66.) † A 1.40: F 87/236

- 14154 [Report and review session statement by Secretary of Agriculture Orville L. Freeman at Bismarck, N. Dak., July 23, 1966.] [1966.] 16 p. 4° (2207; USDA 2282-66.) † A 1.40: F 87/247

- 14155 [Report and review session statement by Secretary of Agriculture Orville L. Freeman at Columbus, Nebr. July 23, 1966.] [1966.] 17 p. 4° (2206; USDA 2281-66.) † A 1.40: F 87/248

- 14156 [Report and review session statement by Secretary of Agriculture Orville L. Freeman at Janesville, Wis., July 22, 1966.] [1966.] 16 p. 4° (2205; USDA 2280-66.) † A 1.40: F 87/246

- 14157 [Report and review session statement by Secretary of Agriculture Orville L. Freeman at Seymour, Ind., July 22, 1966.] [1966.] 17 p. 4° (2196; USDA 2268-66.) † A 1.40: F 87/249

- 14158 [Report and review session statement by Secretary of Agriculture Orville L. Freeman at Spencer, Iowa, June 18, 1966.] [1966.] 13 p. 4° 3010; USDA 1859-66.) † A 1.40: F 87/242

- 14159 Report of technical study group: Addendum to statistical appendix of Cotton in Soviet Union. [July 1966.] [2] p. 4° ([Foreign Agricultural Service.]) †  
L.C. card Agr 59-189 A 1.94: C 82/add.-7

- 14160 [Speech to be delivered by Secretary of Agriculture Orville L. Freeman before Overseas Press Club, New York, N.Y., Apr. 13, 1966.] [1966.] 18 p. 4° (2460; USDA 1122-66.) † A 1.40: F 87/229

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1966

## Statistical bulletin. ● Item 15

- 14161 375. Consumption of commercial fertilizers and primary plant nutrients in United States, 1850-1964, and by States, 1945-64. June 1966. cover title, 84 p. il. 4° (Statistical Reporting Service, Crop Reporting Board.) \* Paper, 45c. A 134:375  
L.C. card Agr 66-224

## Technical bulletins. † ● Item 16

A 136: (nos.)

- 14162 1351. Aggregate economic effects of alternative land retirement programs, linear programming analysis [with list of literature cited; by Norman K. Whittlesey and Earl O. Heady]. [Aug. 1966.] cover title, iv+54 p. il. (Economic Research Service.) [Prepared in cooperation with Center for Agricultural and Economic Development, Iowa Agricultural and Home Economic Experiment Station, Iowa State University.] L.C. card Agr 66-271
- 14163 1358. Effect of annual applications of diuron on seed yields of perennial grasses in Oregon [with list of literature cited; by William O. Lee]. [July 1966.] [3]+23 p. il. ([Crops Research Division], Agricultural Research Service.) [Prepared in cooperation with Oregon Agricultural Experiment Station.] L.C. card Agr 66-259
- 14164 1361. Fiber and papermaking characteristics of bamboo [with list of literature cited; by J. R. Haun, T. F. Clark, and George A. White]. [Aug. 1966.] [3]+19 p. (Agricultural Research Service.) \* Paper, 15c. L.C. card Agr 66-278

## AIR FORCE ACADEMY, Defense Dept. United States Air Force Academy, Colo. 80840

- 14165 Eighth Air Force Academy Assembly, cultural affairs and foreign relations, Mar. 30-Apr. 2, 1966, co-sponsored by American Assembly, Columbia University, New York, and United States Air Force Academy, final report. [1966.] 98+[2] p. il. † D 305.11:966  
L.C. card 66-62435

## Harmon memorial lectures in military history.

- 14166 8. Innovation and reform in warfare; [by] Peter Paret. 1966. [5]+17 p. il. † (Available to colleges, universities, and libraries.) D 305.10:8

## AIR FORCE DEPARTMENT, Defense Dept. Washington, D.C. 20330

### Air Force manual AFM (series).

- 14167 50-3. Air Force leadership. [Aug. 1, 1966.] cover title, ii+143+[45] p. il. 4° [Supersedes AFM 50-3, July 1, 1964.] † ● Item 421 D 301.7:50-3/2
- 14168 68-3. See Defense Department, Defense Supply Agency handbook DSAH 4160.1.
- 14169 88-3, chap. 13. See Army Department, Technical manual 5-809-10.
- 14170 88-19, chap. 2. See Army technical manual TM 5-852-2.
- 14171 88-40, chap. 1. See Army Department Technical manual 5-892-1.
- 14172 88-40, chap. 42. See Army Department Technical manual 5-892-2.

### Air Force pamphlet AFP (series).

- 14173 40-20-5. Employment for librarians with Air Force. July 1, 1966. [2]+14 p. il. narrow 8° [Supersedes Mar. 1, 1963 issue.] † ● Item 421-A D 301.35:40-20-5/2
- 14174 190-1-12. See Armed Forces Information and Education, DOD pamphlet 1-20.
- 14175 190-1-22. See Armed Forces Information and Education, DoD pamphlet PA-10.
- 14176 211-1-10. See Armed Forces Information and Education, DOD pamphlet PA-1.
- 14177 213-1-1. See Armed Forces Information and Education, DoD pamphlet 7-12.

### Air Force Systems Command pamphlet AFSCP (series).

- 14178 80-5. Research and development: Guide for design, conduct, and analysis of Air Force tests, [with select bibliography] Apr. 1, 1966. cover title, iii+[71] p. il. 4° [Issued with perforations.] † ● Item 421-A D 301.35/3:80-5  
L.C. card 66-62511

### 14179 Lunar charts and mosaic [charts of the moon] series.

NOTE.—The 1st series of charts consisting of LEM-1, 1A, LAC 58, 76, 57, 75, 74, 93, 60, 61, 78, 79, 59, 77 and 56, may be purchased as a set, \*\$7.50 per set.  
The 2d series, consisting of LEM-1B, LAC 41, 40, 39, 62, 80, 94, 42 and 95, may be purchased as a set, \$5.50 per set.  
The 3d series, which when complete will include LAC 38, 96, 97, 43, 44, 98, 92, 25, 24, 114 may also be purchased on subscription basis, \*\$4.50 domestic, \$1.00 additional for foreign mailing, and 50c. per single copy.

# GOVERNMENT PUBLICATIONS

## Lunar charts and mosaic [charts of the moon] series—Continued

- LAC 98. Petavius. Scale 1:1,000,000. 1st edition May 1966. Aeronautical Chart and Information Center [June 1966]. 22 x 29 in. [Lambert conformal projection. Published for Air Force and National Aeronautics and Space Administration. Clarification of surface features appears on verso.] D 301.49/4: LAC 98
- 14180 Lunar charts [Apollo intermediate charts] AIC (series). [Mercator projection. Published for National Aeronautics and Space Administration.] L.C. card Map 66-58 D 301.49/4: AIC (nos.)
- NOTE.—This series, which when complete will include AIC 58C, 58D, 60D, 77A, 59C, 59D, 60C, 77B, 78A, 78B, 79A, 61D, 76A, 76B, 61C, 79B, 57C, and 75B, may also be purchased on a subscription basis, \*\$8.50, \$2.00 additional for foreign mailing, and 50c. per single copy.
- 60C. Arago. Scale 1:500,000. 1st edition Mar. 1966. Aeronautical Chart and Information Center [May 1966]. 22 x 29 in. [Clarification of surface features appears on verso.]
- 14181 61D. Maskelyne D. Scale 1:500,000. 1st edition May 1966. Aeronautical Chart and Information Center [June 1966]. 22 x 29 in. [Clarification of surface features appears on verso.]
- 14182 79A. Capella. Scale 1:500,000. 1st edition June 1966. Aeronautical Chart and Information Center [June 1966]. 22 x 29 in. [Clarification of surface features appears on verso.]
- Personnel Research Laboratory: Technical report PRL-TR (series). (Aerospace Medical Division, Air Force Systems Command, Lackland Air Force Base, Tex.) D 301.45/27: (nos.)
- 14183 65-23. Abstracts of personnel research reports: [v. 6, 1954-65: compiled by Jo Ann Elson. Dec. 1965. v+99+[2] p. 4° ([Projects 6755, 7717, 7719 and 7734.]) †(Price upon application).]
- 14184 66-4. Perceptual-psychomotor tests in aircrew selection, historical review and advanced concepts [with lists of references]: by George E. Passey, William A. McLaurin. June 1966. vi+236+[2] p. 4° ([Contract AF41(609)2796, project 7719, task 771904; Lockheed-Georgia Company.]) †(Price upon application).]
- 14185 Proceedings, symposia on arctic biology and medicine: 5, Nutritional requirements for survival in cold and at altitude [with lists of references]; editor, Lucile Vaughan. 1965. cover title, xi+363 p. il. (Arctic Aero-medical Laboratory, Fort Wainwright, Alaska.) ‡ D 301.45: Ar 2/no.5
- L.C. card 66-62540
- 14186 Ranger VIII lunar charts RIC (series); compiled and published for National Aeronautics and Space Administration by Aeronautical Chart and Information Center. \*Paper, \$2.50 per set of 7 charts. D 301.49/4: RIC-6-12
6. Hypatia. Scale 1:1,000,000 at 11°45'. 1st edition Mar. 1966. [June 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]
7. Sabine. Scale 1:250,000 at 11°00'45". 1st edition ar. 1966. [June 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]
8. Sabine D. Scale 1:100,000 at 11°00'45". 1st edition Mar. 1966. [June 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]
9. Sabine DM. Scale 1:50,000 at 11°00'45". 1st edition Mar. 1966. [May 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]
10. Sabine EF. Scale 1:15,000 at 11°00'45". 1st edition Mar. 1966. [May 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]
11. Sabine EB. Scale 1:5,000 at 11°00'45". 1st edition Mar. 1966. [May 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]
12. Sabine EBF. Scale 1:2,000 at 11°00'45". 1st edition Mar. 1966. [June 1966.] 22 x 29 in. [Mercator projection.]
- 14187 Ranger IX lunar charts RLC (series); compiled and published for National Aeronautics and Space Administration by Aeronautical Chart and Information Center. \*Paper, \$1.75 per set of 5 charts. D 301.49/4: PLC 13-17
13. Ptolemaeus. Scale 1:1,000,000 at 11°00'45". 1st edition May 1966. [June 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]
14. Alphonsus. Scale 1:250,000 at 11°00'45". 1st edition May 1966. [June 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]

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



# OCTOBER 1966

15. Alphonsus GA. Scale 1:50,000 at 11°00'45". 1st edition May 1966. [June 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]
16. Alphonsus GP. Scale 1:10,000 at 11°00'45". 1st edition May 1966. [June 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]
17. Alphonsus GLH. True scale at 11°00'45". 1st edition May 1966. [June 1966.] 22 x 29 in. [Mercator projection.]

School of Aerospace Medicine: Aeromedical reviews. (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.) ‡

D 301.26/13-4: (nos.)

- 14188 3-66. Pharmacology and toxicology of propellant fuels; Boron hydrides [with list of references; by] James H. Merritt. June 1966. [1]+11 p.
- 14189 4-66. Primer of vestibular function, spatial disorientation, and motion sickness [with bibliography; by] Kent K. Gillingham. June 1966. iii+80 p. il.

— Technical report SAM-TR (series). (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.) ‡ D 301.26/13-6: (nos.)

- 14190 66-21. Postirradiation creatinuria in Macaca mulatta primates [with list of references; by] I. G. Peters, H. E. Hamilton. Aug. 1966. cover title, iii+5+[2] p. il. 4° [Prepared in Radiobiology Branch under task 775702.]
- 14191 66-46. Factors in job-satisfaction; [by] George K. Cantrell, Lewis S. Sims, jr., Bryce D. Hartman. May 1966. cover title, iii+34+[2] p. 4° [Prepared in Biodynamics Branch under task 793003.]
- 14192 66-57. Factors in job-satisfaction, analysis of spontaneous comments; [by] George K. Cantrell, Lewis S. Sims, jr., Bryce O. Hartman. June 1966. cover title, iii+11+[2] p. il. 4° [Prepared by Biodynamics Branch under task 793003.]
- 14193 66-58. Intraspecies biologic and behavioral variability [with list of references; by] Stirling P. Stackhouse. June 1966. cover title, iii+23+[2] p. il. 4° [Prepared at Honeywell, Inc., Research Systems and Research Division, St. Paul, Minn., under task 775702, contract AF 41(609)-2937.]
- 14194 66-63. Speed of recovery from coriolis stimulation in motion sickness in relation to pilots and nonpilots [with list of references; by] Patrick J. Dowd. July 1966. cover title, iii+4+[2] p. n. 4° [Prepared in Aeromedical Indoctrination Branch under task 775003.]
- 14195 66-71. Evaluation of 2 percent gold visor; [by] John A. Carpenter, Everett O. Richey. Aug. 1966. cover title, iii+4+[2] p. il. 4° [Prepared Ophthalmology Branch under task 630103, project 5710, subtask 03.003.]
- 14196 66-212. Influence of manned space flight on cardiovascular function [with list of references; by] Lawrence E. Lamb. Jan. 1966. cover title, p. 118-133+[2] p. 4° [Reprinted from Cardiologia 48, 1966. Summary in [English, German, and French].]

- 14197 United States Air Force report, fiscal year 1966 [to our shareholders]. [1966.] [2]+14+[4] p. il. 12° ‡ ● Item 424 D 301.2: Ai 7/10/966

## AIR TRAFFIC SERVICE, Federal Aviation Agency Washington, D.C. 20553

- 14198 Aviation weather procedures handbook, 7200.1, change 2. [May 23, 1966.] [19] p. 4° [Effective Aug. 18, 1966; cancellation date Jan. 1, 1967. Issued in looseleaf form.] ‡ ● Item 431-D-1 FAA 3.8/2: W 37/ch.2
- 14199 International flight information manual, v. 14, Apr. 1966. [1966.] xxix+107 p. il. 4° (Flight Information Division, National Flight Data Center (AT-430).) [Issued with perforations.] \*Paper, \$1.25 (including basic manual and supplementary service for 1 year); 25c. additional for foreign mailing. [Amdt. 1, dated July 1966, 50 p., issued also.] ● Item 431-C-18 FAA 3.13: 14

## APPRENTICESHIP AND TRAINING BUREAU, Labor Dept. Washington, D.C. 20210

- 14200 Apprenticeship and training policy for dental laboratory technicians, developed and adopted by National Association of Dental Laboratories, Incorporated, and recognized by Bureau of Apprenticeship and Training. 1966 edition. [1966.] cover title, [2]+29 p. il. [Text on p. 2 of cover.] ‡ ● Item 748 L.C. card 66-62536 L 23.2: D 43/966

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries



# GOVERNMENT PUBLICATIONS

- 14201 Apprenticeship and training standards for automobile mechanic, body repairman and painter, developed by Independent Garage Owners of America. 1966 edition [1966.] cover title, iv+27 p. il. [Prepared by IGOA National Apprenticeship and Technical Training Committee and approved by Independent Garage Owners of America, Inc., in accordance with recommended standards of Bureau of Apprenticeship and Training, in cooperation with Department of Labor, Bureau of Apprenticeship and Training.] † ● Item 748  
L.C. card 66-62539

L 23.2: Au 8/3/966

- 14202 National apprenticeship and training standards for glaziers and glassworkers, adopted by National Joint Glazier and Glassworker Apprenticeship Committee, representing employers in glass and glazing industry and Brotherhood of Painters, Decorators, and Paperhangers of America, in conformance with basic recommendations of Bureau of Apprenticeship and Training. 1966 edition. [1966.] cover title, ix+22 p. il. [Text on p. 2 of cover.] † ● Item 748  
L.C. card 66-62536

L 23.2: G 46/3/966

## ARMED FORCES INFORMATION AND EDUCATION, Defense Dept. Washington, D.C. 20301

### DoD pamphlets. ● Item 312-A

- 14203 7-12. Correspondence courses offered by colleges and universities through United States Armed Forces Institute; [July 29, 1966.] [Revised 1966.] [1966.] cover title, [1]+396 p. 4° ([Army Dept.] DA pam. 350-6; [Navy Dept.] NAVPERS 15819N; [Air Force Dept.] AFP 213-1-1; [Marine Corps] NAVMC 1084 (Rev. [1966]).] [Supersedes DoD Pam 7-12, DA Pam. 350-6, NAVPERS 15819M, AFP 213-1-1, NAVMC 1084 (Rev. 1965.), June 28, 1965.] †  
L.C. card 56-63989 D 2.14: 7-12/4
- 14204 GEN-24. Women in Armed Forces. [July 21, 1966.] 12 p. il. 4° †  
D 2.14: GEN-24
- 14205 PA-1A. Disability separation, facts for your future. [1966.] vi+68 p. il. oblong 32° ([Army Dept.] DA Pam. 360-506 (rev. 66); Navy Dept. NAVPERS 15863E; Air Force Dept. AFP 211-1-10 (rev. 66); Marine Corps NAVMC 1117-PD (rev. 66); Coast Guard. CG-283.) [Supersedes DOD PA-1 DA Pam. 360-506, NAVPERS 15863D AFP 211-1-10, NAVMC 1117-PD (rev. 65), CG 283, Sept. 3, 1964.] †  
D 2.14: PA-1A
- 14206 PA-10. Credit, master of servant? [1966.] cover title, iv+52 p. il. small 4° ([Army Dept.], DA Pam 360-520; [Navy Dept.] NAVPERS 15221; [Air Force Dept.], AFP 190-1-22; [Marine Corps], NAVMC 2613.)  
\* Paper, 25c. D 2.14: PA-10

## ARMS CONTROL AND DISARMAMENT AGENCY Washington, D.C. 20451

- 14207 Community readjustment to reduced defense spending, case studies of potential impact on Seattle-Tacoma, Baltimore and New London-Groton-Norwich [final report]. Dec. 1965. [published 1966]. [427] p. 4° ([Publication 33.]) [Prepared by National Planning Association under contract ACDA/E-57. Title on cover is: Community adjustment to reduced defense spending.] \* Paper, \$2.00. ● Item 125-A-3  
L.C. card 66-62466 AC 1.2: C 73/2

## ARMY DEPARTMENT, Defense Dept. Washington, D.C. 20310

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

D 101.22/3: (nos.)

- 14208 230-1. Nonappropriated funds and related services: Open mess management handbook [with list of references]. July 1966. cover title, v+57 p. 4° [Text on p. 2 of cover. Issued with perforations.]  
L.C. card 66-62512
- 14209 700-1. Logistics: Machining data. May 1966. cover title, [1]+vii+601 p. il. 4° [Prepared by Metcut Research Associates Inc. under contract DA-11-070-AMC-224(W). Includes list of sources of machining data. Text on p. 2-3 of cover. Replaces ORDP 40-1, July 29, 1961. Issued with perforations.]  
L.C. card 66-62467

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1966

Cold Regions Research & Engineering Laboratory, Hanover, N.H.: Research report. (Army Materiel Command.)

- 14210 87. Plane plastic deformation of soils [with list of literature cited]; by Shunsuke Takagi. July 1966. iv+42+[2] p. il. 4° (DA task IV014501B52A02.) [Errata sheet, 1 p., issued also.] ‡ D 103.33/3:87

— Special report. (Army Materiel Command.)

- 14211 72. Performance study of DEWline ice cap stations, Greenland, 1963 [with selected bibliography]; by S. C. Reed. May 1966. iv+25 p. il. 4° (DA task IV025001A13001.) [Errata, 1 p., issued also.] ‡ D 103.33/2:72

— Technical report. (Army Materiel Command.)

- 14212 175. Spread footing foundations on snow [with list of literature cited]; by Sherwood C. Reed. Apr. 1966. iv+40+[2] p. il. 4° [Errata sheet, 1 p. 4°, was issued also.] ‡ D 103.33:175

- 14213 Executive Corridor [of] Secretary of Army and Chief of Staff, Army [Pentagon]. [1966.] cover title, [24] p. il. oblong 12° [This exhibit of reproduction of paintings has for its theme saga of glory which began with birth of United States Army in 1775.] ‡ ● Item 325

D 101.2: Ex 3/2

Pamphlets. ● Item 327

- 14214 30-1. Food service, Army rations, food packets, and supplements. June 1966. cover title, 21 p. il. 16° [Issued with perforations. Supersedes TB QM52, Sept. 11, 1962.] ‡ D 101.22: 30-1
- 14215 350-6. See Armed Forces Information and Education, DoD pamphlet 7-12.
- 14216 360-506. See Armed Forces Information and Education DoD pamphlet PA-1A.
- 14217 360-520. See Armed Forces Information and Education, DoD pamphlet PA-10.
- 14218 600-2. See Armed Forces Information and Education, DoD pamphlet 1-20.
- 14219 601-1. Become a leader, apply for OCS. June 1, 1966. vi+21 p. il. 4° [Title on cover is: OCS story, train today, lead tomorrow. Supersedes DA Pam 20-18, Mar. 1963. cover illustration is colored.] ‡ D 101.22: 601-1/2

- 14220 Reports of General MacArthur: Campaigns of MacArthur in the Pacific, v. 1; prepared by his General Staff. [1966.] xvi+490 p. il. large 4° [Illustrated lining papers. Some illustrations are colored.] \* Cloth, \$10.00 ● Item 325

L.C. card 66-60005

D 101.2: M 11/v.1

SMC pamphlet. (Supply and Maintenance Command.) ● Item 322-A

- 14221 1-4. Administration: Project listing. May 1966. cover title, 159 p. 4° [While data based on as of Oct. 15, 1965 date, no projects completed as of Oct. 29, 1965, included. Issued with perforations. Supersedes SMC pamphlet 1-4. Nov. 1, 1965.] ‡

L.C. card 66-62465

D 101.22/5: 1-4

Technical manual TM (series).

D 101.11: (nos.)

- 14222 5-800-1. Basic criteria and construction standards for Army facilities [with list of references]. Aug. 1966. cover title, 67+[63] p. 4° [Issued in looseleaf form. Supersedes TM 5-800-1, Nov. 1, 1963, previously designated Corps of Engineers manual EM-1110-3-101, including Changes 1, 2, 4 and 5.] ‡ ● Item 329
- 14223 5-809-10. Seismic design for buildings [with list of references]. Mar. 1966. v+[313] p. il. 4° (Department of Navy publication, NAVDOCKS P-355; Department of Air Force manual, AFM 88-3, chap. 13.) [Prepared jointly by Departments of Army, Navy, and Air Force.] \* Paper, \$3.50. ● Item 329
- L.C. card 66-62522
- 14224 5-838-2. Medical facilities, design of Army medical facilities, Change 1. May 20, 1966. [1]+10 p. [Issued with perforations.] ‡ ● Item 329
- 14225 5-842-3. Dining facilities for enlisted personnel [with list of references]. Aug. 1966. cover title, 11+[1] p. 4° [Issued with perforations. Supersedes that part of TM 5-842-1 (EM 1110-3-201) July 2, 1959 which pertains to enlisted dining facilities.] ‡ ● Item 329
- 14226 5-852-2. Arctic and subarctic construction site selection and development [with list of references]. July 1966. cover title, [47] p. il. 4° (Air Force Department AFM 88-19, chap. 2.) [Issued with perforations. Supersedes TM 5-852-2, Oct. 1954 previously designated as both Engineering manual for military construction, pt. 15, chap. 2 and Corps of Engineers manual EM 1110-345-371.] ‡ ● Item 329
- L.C. card 66-62523
- 14227 5-892-1. Arctic and subarctic construction: General provision, emergency construction [with list of references]. July 1966. cover title, 36+[3] p. il. 4° (Air Force Dept. manual AFM 88-40, chap. 41.) [Issued in looseleaf form.] ‡
- L.C. card 66-62525

D 101.11: 5-892-1

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 9

# GOVERNMENT PUBLICATIONS

## Technical manual TM (series)—Continued

- 14228 5-892-2. Arctic and subarctic construction: Site selection and development, emergency construction [with list of references]. July 1966. cover title, 10+[31] p. il. 4° (Air Force Dept. manual AFM 88-40, chap. 42.) [Issued in looseleaf form.] ‡  
L.C. card 66-62524
- 14229 10-300. Military fixed drycleaning plant. Mar. 1966. cover title, 132 p. il. 4° [Supersedes TM-10-300, Aug. 22, 1955, including C 6, Apr. 5, 1961.] ‡ ● Item 329
- 14230 55-204. Maintenance of railroad way and structures [with list of references]. June 1966. cover title, 78+[1] p. il. 4° [Issued with perforations.] ‡ ● Item 329
- 14231 755-200. See Defense Department, Defense Supply Agency handbook DSAH 4160.1.

## USAAVLABS technical reports. (Army Aviation Materiel Laboratories, Fort Eustis, Va.) ‡ D 117.8/2:(nos.)

- 14232 66-10. XV-9A hot cycle research aircraft program, summary report [with list of references]; by S. Cohan, N. B. Hirsh. June 1966. cover title, [1]+x+71+[2] p. il. 4° (Contract DA 44-177-AMC-877(T), [task 1M121401D14403].) [Prepared by Hughes Tool Company, Aircraft Division, Culver City, Calif.]
- 14233 66-34. Cost and effectiveness evaluation of automated cargo delivery systems in Army aircraft, final report [with bibliography]; by Donald A. Andrastek, Reginald R. Belding, James W. Wollaston. June 1966. [1]+xix+196+[2] p. il. 4° (Project 1F 121401A254, contract DA 44-177-AMC-270(T); Douglas report DAC 56004.) [Prepared by Douglas Aircraft Company, Ind., Aircraft Division, Long Beach, Calif.]

## USAPRO technical research note. (Army Personnel Research Office.)

- 14234 164. Team procedures in image interpretation [with selected bibliography]; by Stanley F. Bolln, Robert Sadacca, and Harold Martinek. Dec. 1965. [8]+32 p. 4° (Support Systems Research Laboratory; Army project 2J620901A721, Component integration c-11.) [There are no pages numbered 26 and 28 but no text is missing.] Φ (Price upon application, AD480533). D 101.60:164

## ARMY MEDICAL SERVICE, Defense Dept. Washington, D.C. 20310

### Army Medical Research & Nutrition Laboratory, Fitzsimmons General Hospital, Denver, Colo., report.

- 14235 297. Human body density and fat of adult male population as measured by water displacement [with bibliography]; by Harry J. Krzywicki and Kenneth S. K. Chinn. July 21, 1966. ii+[13]+[2] p. 4° (Project 3A14501B71R research in biomedical science, task 02, internal medicine, work unit 061, work performance and body composition as related to environment and nutritional status.) ‡ D 104.17:297

## ATOMIC ENERGY COMMISSION Washington, D.C. 20545

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

- 14236 NAS-NS-3109. Nuclear science series: Radiochemical techniques, Processing of counting data; [by P.C. Stevenson]. [May 1966.] cover title, vi+167 p. il. (National Academy of Sciences, National Research Council.) Φ Paper, \$1.75.
- 14237 PNE-515. Plowshare, civil, industrial and scientific uses for nuclear explosives, Project Pre-Schooner II, Bruneau Plateau, Idaho, Sept. 30, 1965, final report: Subsurface effects measurements [with bibliography]; by M. Heusinkveld, R. E. Marks. June 1966. cover title, 45 p. il. 4° (U.S. Army Engineer Nuclear Cratering Group, Livermore, Calif.). Φ Paper, \$2.00.
- 14238 New era of international science, remarks by Glenn T. Seaborg, Chairman, Atomic Energy Commission, at International Conference on Nuclear Physics, Gatlingburg, Tenn., Sept. 13, 1966. 1966. 12 p. 4° (S-25-66.) ‡ Y 3.At 7:34 Se 1/108
- 14239 Plowshare program during 1965. [1966.] cover title, 22 p. il. [Based on annual report to Congress for 1965 of Atomic Energy Commission.] \* Paper, 15c. Y 3.At 7:2 P 72/2/965
- 14240 United States uranium resources and requirements for civilian power, remarks by Rafford L. Faulkner, Director, Division of Raw Materials, Atomic Energy Commission, International Nuclear Industries Fair and Technical Meetings, Basel, Switzerland, Sept. 8, 1966. [1966.] 8 p. 6 leaves, il. 4° (S-23-66.) ‡ Y 3.At 7:34 F 27/6

\*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available



# OCTOBER 1966

- 14241 Uranium, supply and demand situation, remarks by Wilfrid E. Johnson, commissioner, Atomic Energy Commission, before American Mining Congress, Salt Lake City, Utah, Sept. 14, 1966. 1966. 9 p. 4° (S-26-66.) † Y 3.At 7: 34 J 639
- 14242 X-10 reactor, landmark of nuclear age, remarks by Glenn T. Seaborg, Chairman, Atomic Energy Commission, at designation of X-10 reactor as national historic landmark, Oak Ridge, Tenn., Sept. 13, 1966. 1966. 3 p. 4° (S-24-66.) † Y 3.At 7: 34 Se 1/107

## AVIATION MEDICINE OFFICE, Federal Aviation Agency Washington, D.C. 20553

Aviation medical report AM (series).

- 14243 66-18. Evaluation of head and face injury potential of current airline seats during crash decelerations [with list of references; by] John J. Swearingen. June 1966. [4]+14+[2] p. il. 4° † (Price upon application). FAA 7.12: 66-18

## BUDGET BUREAU, Executive Office of the President Washington, D.C. 20503

Working papers. †

PrEx 2.17: (nos.)

- 14244 [66-1.] Federal-State-local cooperative arrangements in statistics, statements on programs and problems of Federal-State-local cooperative arrangements for selected statistical activities prepared for National Conference of Comparative Statistics, Feb. 23-25, 1966, Washington, D.C. [1966.] cover title. 47 p. 4° (Office of Statistical Standards.) [Publication incorrectly numbered 1.]
- 14245 66-2. Program of Interagency Committee on Occupational Classification, Bureau of Budget, progress report on review of collection and classification procedures in Federal agencies and plans for future work; prepared by Ann R. Miller. Mar. 1966. 13 p. 4° (Office of Statistical Standards.)

## BUSINESS AND DEFENSE SERVICES ADMINISTRATION, Commerce Dept., Washington, D.C. 20230

- 14246 Facts for marketers: Standard metropolitan statistical areas in South Atlantic region geographical division. Apr. 1966. [2]+48+[2] p. oblong 12". [Text on p. 2 of cover. Includes list of reference sources.] \* Paper, 35c. ● Item 215  
L.C. card 66-61205 C 41.2: M 34/3/sa

## BUSINESS ECONOMICS OFFICE, Commerce Dept. Washington, D.C. 20230

Growth patterns in employment by county, 1940-50 and 1950-60. (Regional Economics Division.) ● Item 227-A.

- 14247 v. 8. Far West [with list of some related references]; by Lowell D. Ashby. [1965, published 1966.] xvi+[73] p. il. 4° \* Paper, 60c. C 43.2: Em 7/v.8  
L.C. card 65-61774

## CENSUS BUREAU, Commerce Dept. Suitland, Md. 20233

- 14248 Announcement and order form, 1963 census of business area statistics v. 2, 5, and 7), retail, wholesale, services. Apr. 1966. [2] p. oblong 8°, folded into oblong 48° size. (Form BC-1226.) † C 3.202/14: 963-7
- Annual survey of manufactures, 1964, M64 (AS). (series).
- 14249 7.0. General statistics for divisions and States. [1966.] 3 p. 4° † Paper, 10c. C 3.24/9: M 64 (AS)-7.0
- 1963 census of manufactures: [Area statistics] MC63(3)-(series). [Prepared in Industry Division. Preprint of corresponding chapter of v. 3, Area statistics.] ● Item 137 C 3.24/3: 963/(nos.)
- 14250 3. Arizona. [Aug. 1966.] cover title, vi+16 p. il. 4° \* Paper, 25c.
- 14251 46. Vermont. [1966.] cover title, vi+14 p. il. 4° \* Paper, 25c.
- 14252 48. Washington. [Aug. 1966.] cover title, vi+22 p. il. 4° [Text on p. 2 of cover.] \* Paper, 30c.
- 14253 51. Wyoming. [Aug. 1966.] cover title, vi+12 p. il. 4° \* Paper, 25c.

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries



# GOVERNMENT PUBLICATIONS

- 1963 census of manufactures: Special report MC 63(S)-(series). ● Item 135 C 3.24/15: 963/(nos.)
- 14254 4.1. Location of manufacturing plants by county, industry, and employment size: pt. 1, New England division, Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut. [Aug. 1966.] cover title, iv+43 p. 4° \* Paper, 45c.
- 14255 4.2. Same: pt. 2, Middle Atlantic division: New York, New Jersey, Pennsylvania. [Aug. 1966.] cover title, iv+96 p. 4° \* Paper, 65c.
- 14256 4.3. Same: pt. 3, East North Central division; Ohio, Indiana, Illinois, Michigan, Wisconsin. [Aug. 1966.] cover title, iv+133 p. 4° \* Paper, \$1.00.
- 14257 4.4. Same: pt. 4, West North Central division; Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, Kansas. [Aug. 1966.] cover title iv+85 p. 4° \* Paper, 60c.
- 14258 4.5. Same: pt. 5, South Atlantic division, Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida. [Aug. 1966.] cover title, iv+112 p. 4° \* Paper, 65c.
- 14259 4.6. Same: pt. 6, East South Central division, Kentucky, Tennessee, Alabama, Mississippi. [Aug. 1966.] cover title, iv+59 p. 4° \* Paper, 45c.
- 14260 4.8. Same: pt. 8, Mountain division, Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada. [Aug. 1966.] cover title, iv+41 p. 4° \* Paper, 40c.
- 1963 census of mineral industries: [Industry statistics] MIC63(1) (series). [Preprint from v. 1, General summary and industry statistics.] ● Item 158 C 3.216: 963/(nos.)
- 14261 10E. Metal mining services and miscellaneous ores; [prepared by Wilhelmina F. Whiting, assisted by Frank Roy]. [July 1966.] cover title, vi+32 p. ii. 4° \* Paper, 35c.
- 14262 14B. Stone; [prepared by Wilhelmina F. Whiting, assisted by Patricia L. Horning]. [Aug. 1966.] cover title, vi+68 p. ii. 4° \* Paper, 45c.
- Construction reports: Building permit, C 42 (series).
- 14263 65-13. Housing authorized in permit-issuing places: Summary statistics, 1965. [1966.] cover title, [1]+41 p. ii. 4° ([Construction Statistics Division.]) † Paper, 10c. ● Item 140-A (Rev.) C 3.215/6: C 42-65-13 L.C. card A 64-7412
- County business patterns, CBP (series). [Prepared in cooperation with Social Security Administration.] ● Item 133-A C 3.204: (nos.)
- 14264 65-21. Maine, 1965. [Aug. 1966.] cover title, viii+33 p. ii. 4° [Text on p. 2 of cover.] \* Paper, 40c.
- 14265 65-23. Massachusetts, 1965. [Aug. 1966.] cover title, viii+71 p. ii. 4° [Text on p. 2 of cover.] \* Paper, 60c.
- 14266 65-41. Rhode Island, 1965. [Oct. 1966.] cover title, viii+26 p. ii. 4° [Text on p. 2 of cover.] \* Paper, 35c.
- County business patterns, 1964. (Business Division.) [Prepared in cooperation with Social Security Administration.]
- 14267 pt. 5. Pennsylvania-Wyoming. [1966.] xix+[949] p. ii. 4° \* Cloth, \$6.25. C 3.204/2: 964/pt.5 L.C. card 49-45747
- 14268 County business patterns 1964, pts. 1-5, Employment and taxable payrolls, number and employment size of reporting units by industry groups, buckram edition now available [announcement and order form]. Apr. 1966. [5] p. narrow 8° (Form BC 1240.) † C 3.204/2: 964/ann. L.C. card 49-45747 rev. 2
- Current housing reports: Series H-111, Housing vacancies. \* Paper, \$1.00 (including Series H-111 and H-121 for one year), 25c. additional for foreign mailing; single copy, each 20c. ● Item 141-A
- 14269 45. Vacant housing units in United States, 2d quarter, 1966. Aug. 1966. 12 p. 4° C 3.215: H-111/45
- Current population reports: Series P-20, Population characteristics. \* Paper, \$4.00 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60, and P-65 for one year), \$1.25 additional for foreign mailing; single copy, each 15c. ● Item 142-C C 3.186: P-20/(nos.)
- 14270 152. Household and families, by type, 1966 (advance data from Mar. 1966 sample survey). July 13, 1966. 4 p. 4°
- 14271 154. Reasons for moving, Mar. 1962-Mar. 1963. Aug. 22, 1966. 14 p. 4°
- Series P-23, Technical studies. \* Paper, \$4.00 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60, and P-65 for one year), \$1.25 additional for foreign mailing; single copy, each 15c. ● Item 142-C
- 14272 19. Characteristics of families residing in poverty areas, Mar. 1966; [prepared by Arno I. Winard, assisted by Jack M. Reynolds and Frederick J. Cavanaugh]. Aug. 24, 1966. 5 p. 4° C 3.186: P-23/19

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

# OCTOBER 1966

- Series P-25, Population estimates. \* Paper, \$4.00 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60 and P-65 for one year), \$1.25 additional for foreign mailing; single copy, 15c. ● Item 152-C  
C 3.186: P-25/(nos.)
- 14273 343. Estimates of population of United States, Jan. 1, 1950 to June 1, 1966. July 19, 1966. 2 p. 4°
- 14274 344. Provisional estimates of population of selected large metropolitan areas, July 1, 1965 report 2. July 20, 1966. 4 p. 4°
- 14275 345. Projections of white and nonwhite population of United States, by age and sex, to 1985. July 29, 1966. 12 p. 4°
- 14276 346. Estimates of population of United States, Jan. 1, 1950 to July 1, 1966. Aug. 17, 1966. 2 p. 4°
- Series P-60, Consumer income. \* Paper, \$4.00 (including series P-20, P-23, P-25, P-27, P-28 summaries, P-60 and P-65, combined, for one year). \$1.25 additional for foreign mailing; single copy, each 15c. ● Item 142-C
- 14277 49. Median family income up about 5 percent in 1965 (advance date for families and unrelated individuals from Mar. 1966 sample survey) Aug. 10, 1966. 3 p. 4°  
C 3.186: P-60/49
- Series P-65, Consumer buying indicators. \* Paper, \$4.00 (including series P-20, P-23, P-25, P-27, P-28, summaries, P-60 and P-65 for one year), \$1.25 additional for foreign mailing; single copy, 15c. ● Item 142-C
- 14278 15. Buying intentions for automobiles, housing, and selected household equipment, week of July 17, 1966. Aug. 25, 1966. 11 p. il. 4°  
C 3.186: P-65/15
- 14279 Current retail trade reports: 1965 retail trade, annual sales, year-end inventories, and accounts receivable of retail stores, by kind of business; [by Sol D. Helfand, Conrad L. Alexander, and John A. Barna]. Aug. 1966. 24 p. il. 4° (Series BR [65-13].) \* Paper, \$6.00 a year (including Weekly retail sales report, Advance monthly sales report, Monthly retail trade report, and Annual retail trade report), \$4.00 additional for foreign mailing; single copy 20c. ● Item 147-B  
C 3.138/3-2: 965
- 14280 Housing construction statistics, 1889-1964. [1966.] [1]+vi+805 p. il. 4° ([Construction Statistics Division.]) \* Cloth, \$6.00. ● Item 146  
L.C. card A66-7417  
C 3.2: H 81/2/889-964
- 14281 Publication announcement, recurrent publications on governments, reports scheduled for issuance in fiscal year beginning July 1966. July 1966. [2] p. 4°, folded into oblong 48° (Form BC-955.) †  
C 3.163/4: G 74/966

## CHILDREN'S BUREAU, Health, Education, and Welfare Dept. Washington, D.C. 20201

### Publication.

- 14282 441. Quest for equality, story of how 6 institutions open their doors to serve Negro children and their families [with lists of references; by] Martin Gula. [1966.] [6]+50 p. il. 4° \* Paper, 60c. ● Item 453  
L.C. card HEW 66-136  
FS 14.111: 441
- 14283 Vision and hearing screening in selected classes for mentally retarded, city of Detroit, Mich. 1966. [1]+10 p. il. 4° (Vision Section and Hearing Conservation Section, Bureau of Maternal and Child Health, Michigan Department of Public Health.) [Text on p. 2 of cover.] †  
\* Item 452  
FS 14.102: V 82

## CIVIL AERONAUTICS BOARD Washington, D.C. 20428

### Economic regulations. [Issued with perforations.]

- 14284 pt. 208. Terms, conditions, and limitations of certificates to engage in supplemental air transportation. [1966.] 7 p. 4° [Issued as ER-454 effective May 13, 1966, as amended by ER-462.] \* Paper, 5c.  
● Item 186  
C 31.220: 208/3

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

## GOVERNMENT PUBLICATIONS

- 14285 List of U.S. air carriers; prepared by Publications Section. Aug. 1, 1966.  
8 p. oblong 8° [Semiannual.] † C 31.254: 966-2
- 14286 Remarks by Robert T. Murphy, vice chairman, Civil Aeronautics Board,  
at first C.A.B.-N.I.T.L. Regional Air Cargo Workshop, Seattle, Wash.,  
Sept. 20, 1966. 1966. 5 p. 4° † C 31.215: M 95/30
- Safety investigation regulations, SIR-(series). [Issued with perforations.]
- 14287 7. pt. 320, Rules pertaining to aircraft accidents, incidents, overdue aircraft,  
and safety investigations; effective May 18, 1966. 3 p. 4°  
\* Paper, 5c. C 31.206/4: 7
- Special regulations.
- 14288 378. Inclusive tours by supplemental air carriers and tour operators. [1966.]  
5 p. 4° [Issued as SPR-14 effective May 13, 1966, as amended by SPR-  
15. Issued in looseleaf form.] \* Paper, 5c. ● Item 186  
C 31.206/8: 378/2

### CIVIL DEFENSE OFFICE (Army), Defense Dept. Washington, D.C. 20310

- FG (series). ● Item 320-B-3
- 14289 F-1.2. National directory of qualified fallout shelter analysts. July 1966.  
viii+319 p. [Supersedes FG-F-1.2, July 1965.] † D 119.8/3: F-1.2/2  
L.C. card 62-61084
- [Leaflet] L (series). ● Item 857-D-5
- 14290 42. Professional development services. July 1966. [6] p. narrow 8° †  
D 119.13: 42
- Technical memorandum. ● Item 320-B-7
- 14291 64-2. Creation of fallout shelter through slanting and cost reduction techniques.  
Aug. 1966. 8 p. il. 4° [Issued with perforations. Supersedes TM  
64-2, Nov. 1965.] † D 119.8/5: 64-2/4
- Technical report TR (series). ● Item 320-B-2
- 14292 35. Background of civil defense and current damage limiting studies; [by Joseph  
Romm, assistant director of Civil defense (policy and programs)]. June  
1966. [3]+15 p. il. 4° [Reprint of speech before 1965 convention of  
State school plant planning officials, Lincoln, Nebr., Oct. 4-5, 1965.] †  
D 119.9: 35

### CIVIL RIGHTS COMMISSION Washington, D.C. 20425

- 14293 Hearing before Commission on Civil Rights. [1966.] vii+888 p. il.  
[Hearings held in Cleveland, Ohio, Apr. 1-7, 1966.] \* Paper, \$2.75.  
● Item 288-A  
L.C. card 66-62541 CR 1.8: H 35/966
- 14294 Publications catalog, summer 1966. [1966.] cover title, [1]+27 p.  
[Text on p. 2 of cover.] † ● Item 288-A CR 1.9: C 28/966

### CIVIL SERVICE COMMISSION Washington, D.C. 20415

- 14295 Amendment to announcement 168B, geodesist, grade[s] 5-15, \$6,387-  
\$17,550 a year. Sept. 13, 1966. 1 p. oblong 48° [Amends issue 173 of  
AN 2279.] † Interagency Board of Civil Service Examiners for Wash-  
ington, D.C., 1900 E Street NW., Washington, D.C. 20415  
CS 1.26: 958/168B/rev./amdt.
- 14296 Amendment to announcement 232 B, geophysicist, options earth physics,  
geomagnetism, seismology, and exploration and experimental, grades  
5-15. Sept. 13, 1966. 1 p. oblong 24° [Amends issue 173 of AN 2279.]  
† Interagency Board of Civil Service Examiners for Washington, D.C.,  
1900 E Street NW., Washington, D.C. 20415 CS 1.26: 960/232 B/amdt.
- 14297 Amendment to announcement 306B, technical aids in science and engineer-  
ing, grades 2-3, \$3,925-\$4,269 a year. Aug. 23, 1966. 1 p. oblong 48°  
(Interagency Board of U.S. Civil Service Examiners for Washington,  
D.C.) [Effective Sept. 6, 1966.] † CS 1.26: 965/360B/rev./amdt.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



# OCTOBER 1966

- 14298 Amendment to announcement 328 B, cartographer, grades 5-13, \$5,331-\$12,873 a year. Sept. 13, 1966. 1 p. oblong 48° † Interagency Board of Civil Service Examiners for Washington, D.C., 1900 E Street NW., Washington, D.C. 20415 CS 1.26: 964/328 B/amdt.
- 14299 Amendment to announcement 346 B, meteorologist, grades 5-15, \$6,387-\$17,550 a year. Sept. 6, 1966. 1 p. oblong 24° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) [Amends issue 173 of AN 2279.] † CS 1.26: 964/346 B/amdt.
- 14300 Amendment to announcement 348 for digital computer positions, digital computer systems operator (grade 7, \$6,451 a year). Aug. 16, 1966. 1 p. oblong 48° [Amends issue no. 172 to AN 2279.] † CS 1.26: 964/348/amdt.-5
- 14301 Amendment to announcement 367 B, surveying aid, grades 2, 3, 4, \$3,925-\$4,776 a year. Sept. 13, 1966. 1 p. oblong 48° † Interagency Board of Civil Service Examiners for Washington, D.C., 1900 E Street NW., Washington, D.C. 20415 CS 1.26: 965/367 B/amdt.
- 14302 Amendment to announcement 375, chemist, mathematician, physicist engineer, metallurgist, grades 5 and 7, [salaries] \$6,387 and \$7,729. Aug. 16, 1966. 1 p. oblong 48° † CS 1.26: 965/375/amdt.-2
- 14303 Amendment to announcement 376-B, mathematical statistician, grades 5-15, statistician (various subject-matter fields) [and] survey statistician, grades 9-15. Aug. 16, 1966. 1 p. oblong 48° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) † CS 1.26: 965/376 B/amdt.
- 14304 Amendment to announcement 382 B, economist, grades 9-15, \$7,696-\$17,550. Sept. 6, 1966. 1 p. oblong 48° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) † CS 1.26: 965/382 B/amdt.
- 14305 Current Federal examination announcements, AN 2279, issue 173, Sept.-Oct. 1966. [1966.] [2] p. f° folded into narrow 8° size. † ● Item 292 CS 1.28: 2279/173
- 14306 Discontinuance notice to announcement 132B, savings and loan examiner, grades 7 and 9 (\$6,451 and \$7,696). Sept. 20, 1966. 1 p. oblong 48° [Amends issue 173 of AN 2279.] † CS 1.26: 957/132B/rev./notice
- 14307 Entomologist and pathologist (Forest and forest products), needed for duty with Department of Agriculture, Forest Service, and other Federal agencies (grades GS-9 through GS-12), apply to Executive Secretary, Central Board of U.S. Civil Service Examiners, Forest Service Unit, Department of Agriculture, Washington, D.C., 20250, announcement 399B, Sept. 13, 1966. 4 p. 4° [No closing date.] † ● Item 292 CS 1.26: 966/399 B
- 14308 Executive Seminar Center, Berkeley, Calif. [1966.] cover title, [1]+12 p. il. 4° (Office of Career Development.) † ● Item 296-A CS 1.65/3: 966-2
- 14309 Executive Seminar Center, Kings Point, N.Y. [1966.] cover title, [1]+16 p. 4° (Office of Career Development; [Interagency training facility].) † ● Item 296-A CS 1.65/3: 966
- 14310 Federal service entrance examination, 1967, including opportunities for management internships [announcement 400]. [Sept. 1, 1966.] [Closing date for management internships, Jan. 18, 1967, for general positions, May 17, 1967.] † ● Item 292 CS 1.26: 966/400
- 14311 Local and regional civil service examinations offering best job opportunities, AN 2280 [issue 121], Sept.-Oct. 1966. [1966.] [2] p. oblong f° folded into narrow 8° size. † ● Item 292 CS 1.28: 2280/121
- 14312 Suspension notice to announcement 364 B, engineering and scientific technician, grades 4-12 (\$4,776-\$10,927). Aug. 23, 1966. 1 p. oblong 16° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) [Supersedes amendment of July 26, 1966. Amends issue no. 172 of AN 2279.] † CS 1.26: 965/364 B/notice

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries



# GOVERNMENT PUBLICATIONS

## CIVIL WAR CENTENNIAL COMMISSION Washington, D.C. 20006

- 14313 Military operations of Civil War, guide-index to Official record of Union and Confederate Armies, 1861-65: sec. A, Introduction; [compiled by Dallas Irvine]. 1966. x+30 p. il. [Preprint from v. 1, Title on cover reads: Prospectus, Military operations of Civil War, guide-index to Official records, Armies.] † ● Item 1053-A Y 3.C 49/2: 9a/A

## COAST AND GEODETIC SURVEY, Commerce Dept. Washington, D.C. 20230

Technical bulletin.

- 14314 30. Cable length determinations for deep-sea oceanographic operations; by Robert C. Darling. June 1966. [2]+6 p. il. 4° \* Paper, 10c. ● Item 192-A C 4.41/2: 59

## COAST GUARD, Treasury Dept. Washington, D.C. 20226

- 14315 Light list: v. 3, Pacific Coast and Pacific Islands, 11th, 12th, 13th, 14th, and 17th Coast Guard districts, June 25, 1966 (including N.M. 26 of 1966). 1966. xxiv+286+14 p. il. map, 4° (CG-162.) [Contains list of lights, fog signals, buoys, daybeacons, lightships, radiobeacons, and loran stations. Edge index and how to use it on p. 4 of cover.] \* Paper, \$2.00. ● Item 940 T 47.52: V 3/966  
L.C. card 14-30372

- 14316 Marine engineering regulations and material specifications: subchap. F, Materials, construction, installation, inspection, and maintenance of boilers, unfired pressure vessels, appurtenances, piping, welding, and brazing; Mar. 1, 1966. 1966. viii+188 p. il. 4° (CG-115.) [Title 46, Code of Federal Regulations, pts. 50-61. Replaces prior edition of Sept. 1, 1964.] † ● Item 943. T 47.8: En 3/3/966  
L.C. card 42-38670

Oceanographic report. ● Item 940-B

- 14317 11. Oceanography of Grand Banks region of Newfoundland in 1965 [with lists of references; by] Ronald C. Kollmeyer, Thomas C. Wolford, Richard M. Morse. June 1966. vii+157 p. il. 4° (CG 373-11; Oceanographic Unit.) † L.C. card 66-62234 T 47.55: 11
- 14318 Rules and regulations for passenger vessels, May 2, 1966. 1966. ix+185 p. 4° (CG-256.) [Subchapter H, title 46, C.F.R., pts. 70-78, inclusive. Replaces edition of Apr. 1, 1964.] † ● Item 943 T 47.8: V 63/9/966  
L.C. card 53-60489

## COMMERCE DEPARTMENT Washington, D.C. 20230

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

- 14319 Address by LeRoy Collins, Under Secretary of Commerce, to 6th annual Labor Day observance sponsored by Catholic Diocese of Miami, Miami Beach, Fla., Sept. 1, 1966. [1966.] 16 leaves, 4° † C 1.18: C 69/25
- 14320 Address by Secretary of Commerce John T. Connor, prepared for delivery before New York Financial Writers Association, New York, N.Y., June 22, 1966. 1966. 14 leaves, 4° † C 1.18: C 76/82
- 14321 Economy, perspective and prospects, remarks by William H. Shaw, Assistant Secretary for Economic Affairs, Department of Commerce, prepared for delivery at American statistical outlook luncheon of American Statistical Association, Los Angeles, Calif., Aug. 17, 1966. [1966.] 8+ [6] p. il. 4° (USCOMM-DC-38105.) † C 1.18: Sh 2/2

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1966

- 14322 Marketing and regional development, by Benjamin Chinitz, Deputy Assistant Secretary for Economic Development, Department of Commerce, paper prepared for National Fall Conference of American Marketing Association, Indiana University, Sept. 1, 1966. [1966.] [1]+19 p. 4° †  
C 1.18: C 44/3
- Overseas business reports OBR (series). [Issued irregularly.] \* Paper, \$13.00 a yr., \$5.00 additional for foreign mailing; single copy, 15c. (1-3 yr. subs.) ● Item 231-B C 1.50:(nos.)
- 14323 66-36. Market profiles for Africa; prepared in Africa Division, Office of International Regional Economics. June 1966. 40 p. 4° (Bureau of International Commerce.) [Issued with perforations.]
- 14324 66-49. United States foreign trade, 1958-65; [prepared in International Trade Analysis Division]. Aug. 1966. 26 p. 1l. 4° (Bureau of International Commerce.) [Issued with perforations.]
- 14325 66-50. Basic data on economy of United Kingdom [with bibliography]; prepared by Edward A. Leslie. July 1966. 16 p. 1l. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 63-40.]
- 14326 66-54. Patent, trademark, industrial design and copyright protection in Colombia; prepared by Joseph M. Lightman. Aug. 1966. 7 p. 4° (Bureau of International Commerce.)
- 14327 66-56. Trade of United States with Communist areas in Eastern Europe and Asia, 1963-65; [prepared by International Trade Analysis Division, Office of International Regional Economics.] Aug. 1966. 16 p. 4° (Bureau of International Commerce.) [Issued with perforations.]
- 14328 Remarks by Secretary of Commerce John T. Connor, prepared for delivery to White House Conference for State Legislative Leaders, [Washington, D.C.], June 16, 1966. 1966. 9 leaves, 4° (USCOMM-DC-33913.) †  
C 1.18: C 76/79
- 14329 Technology transfer and innovation, guide to literature; prepared by Clearinghouse for Federal Scientific and Technical Information. Preliminary edition. Aug. 1966. ii+49 p. 4° (Office of State Technical Services; STS-104.) † Paper, \$3.00 (PB-170991)  
L.C. card 66-62551 C 1.8/3: T 22/prelim.

## CONGRESS

- 14330 Congressional record, proceedings and debates of 89th Congress, 1st session, v. 111, pt. 14, July 28-Aug. 9, 1965. [Permanent edition.] 1965. [1]+18497-19742 p. 4° \* Cloth, \$4.00. ● Item 993  
L.C. card 12-36438 X.89/1: 111/pt.14
- 14331 — v. 111, pt. 15, Aug. 10-18, 1965. [Permanent edition.] 1965. [1]+19743-20994 p. 4° \* Cloth, \$4.00. ● Item 993  
L.C. card 12-36438 X.89/1: 111/pt.15

NOTE.—In the permanent bound edition, the paging differs from that of the daily numbers, the text being revised, rearranged, and printed without break. Extraneous matter appearing in the Appendix is omitted from the permanent form of the Congressional record.

## 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:

### Senate document:

- 14332 no. 84, 89th Cong., 2d sess., Daughters of the American Revolution, 1964-65 [Serial 12718]. ● Item 995-B

### Senate reports:

- 14333 nos. 654-932, with exceptions, 89th Congress, 1st session, Senate miscellaneous reports on private bills II [Serial 12663-21]. ● Item 1007-B  
no. 1380, 89th Cong., 2d sess., Government organization and employees [Serial 12712-3]. ● Item 1007-A

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## 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.

Private laws, 89th Congress. † House or Senate Document Rooms, Capitol.

- 14334 266. H.R. 10994, act for relief of Charles T. Davis, jr., Sallie M. Davis, and Nora D. White. Approved July 8, 1966. 1 p.
- 14335 278. H.R. 12031, act to authorize appointment of William W. Watkin, jr., professor of United States Military Academy, in grade of lieutenant colonel, regular army, and for other purposes. Approved Aug. 8, 1966. 1 p.
- 14336 279. H.R. 10220, act for relief of Abdul Wohabe. Approved Aug. 11, 1966. 1 p.
- 14337 280. S. 642, act for relief of Chung K. Won. Approved Aug. 25, 1966. 1 p.
- 14338 281. S. 2104, act for relief of Harriet C. Chambers. Approved Aug. 25, 1966. 1 p.
- 14339 282. S. 2663, act for relief of Dinesh Kumar Poddar and Girish Kumar Poddar. Approved Aug. 30, 1966. 1 p.
- 14340 283. H.R. 3233, act for relief of Emanuel G. Topakas. Approved Sept. 7, 1966. 1 p.
- 14341 284. H.R. 5552, act for relief of David B. Glidden. Approved Sept. 7, 1966. 1 p.
- 14342 285. H.R. 7354, act for relief of Norman Morris Rains. Approved Sept. 7, 1966. 1 p.
- 14343 286. H.R. 11940, act for relief of Fred M. Osteen. Approved Sept. 7, 1966. 1 p.
- 14344 287. H.R. 12315, act for relief of Anthony A. Calloway. Approved Sept. 7, 1966. 1 p.
- 14345 288. H.R. 12884, act for relief of John R. Sylvia. Approved Sept. 7, 1966. 1 p.
- 14346 289. H.R. 1822, act for relief of Won Loy Jung. Approved Sept. 8, 1966. 1 p.
- 14347 290. H.R. 2681, act for relief of Sidney S. Shapiro and Shirley Shapiro. Approved Sept. 9, 1966. 1 p.
- 14348 291. H.R. 1483, act for relief of John V. Boland Construction Company. Approved Sept. 10, 1966. 1 p.
- 14349 293. H.R. 3671, act for relief of Josephine Ann Bellizia. Approved Sept. 14, 1966. 1 p.
- 14350 294. H.R. 10656, act for relief of Kimberly Ann Yang. Approved Sept. 14, 1966. 1 p.
- 14351 295. H.R. 11347, act for relief of Maria Anna Piotrowski, formerly Czeslawa Marek. Approved Sept. 14, 1966. 1 p.
- 14352 296. H.R. 2349, act for relief of Robert Dean Ward. Approved Sept. 16, 1966. 1 p.
- 14353 297. H.R. 7671, act for relief of Sophia Soliwoda. Approved Sept. 16, 1966. 1 p.
- 14354 298. H.R. 11038, act for relief of Edna S. Bettendorf. Approved Sept. 16, 1966. 1 p.
- 14355 299. H.R. 12950, act for relief of Kazimierz (Casimer) Krzykowski. Approved Sept. 16, 1966. 1 p.
- 14356 300. H.R. 3078, act for relief of Lourdes S. (Delotavo) Matzke and Yusef Ali Chouman. Approved Sept. 16, 1966. 1 p.
- 14357 301. H.R. 4861, act to direct Secretary of Interior to convey certain lands in Boulder County, Colo., to W. F. Stover. Approved Sept. 16, 1966. 1 p.
- 14358 303. H.R. 7141, act for relief of Ronald Whelan. Approved Sept. 16, 1966. 1 p.
- 14359 304. H.R. 10990, act for relief of Alan DeYoung, U.S. Army. Approved Sept. 16, 1966. 1 p.
- 14360 305. H.R. 4075, act for relief of John F. Reagan, jr. Approved Sept. 17, 1966. 1 p.
- 14361 306. H.R. 6606, act for relief of Li Tsu (Nako) Chen. Approved Sept. 17, 1966. 1 p.
- 14362 307. H.R. 11271, act for relief of certain individuals employed by Department of Defense at Granite City Defense Depot, Granite City, Ill. [Approved Sept. 17, 1966.] 2 p.
- 14363 308. H.R. 11844, act for relief of Maria Giuseppina Innalfo Feole. Approved Sept. 17, 1966. 1 p.
- 14364 309. H.R. 14514, act for relief of Vernon M. Nichols. Approved Sept. 17, 1966. 1 p.
- 14365 310. S. 1684, act to direct Secretary of Interior to adjudicate claim to certain land in Marengo County, Ala. Approved Sept. 19, 1966. 1 p.
- 14366 311. H.R. 11251, act for relief of Hubert J. Kupper. Approved Sept. 20, 1966. 1 p.
- 14367 312. H.R. 14379, act for relief of John R. McKinney. Approved Sept. 20, 1966. 1 p.

## CONGRESS, JOINT COMMITTEE ON ORGANIZATION OF Washington, D.C. 20510

Organization of Congress, hearings, 89th Congress, 2d session, pursuant to S. Con. Res. 2. ● Item 1009

L.C. card 65-61719

Y 4 C 76/3: Or 3/965/pt.16

14368 pt. 16. Index. 1966. 11+113 p. †

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



# OCTOBER 1966

## ECONOMIC JOINT COMMITTEE Washington, D.C. 20510

- Discriminatory ocean freight rates and balance of payments, hearings before Subcommittee on Federal Procurement and Regulation, 89th Congress, 2d session. ● Item 1000  
L.C. card 65-62204 Y 4.Ec 7: F 88/965/pt.4
- 14369 pt. 4. May 6 and 19, 1966. 1966. iv+509-656 p. \* Paper, 45c.
- 14370 Discriminatory ocean freight rates and balance of payments, report of Subcommittee on Federal Procurement and Regulation, Aug. 1966. 1966. v+25 p. (Committee print, 89th Congress, 2d session.) \* Paper, 15c. ● Item 1000  
L.C. card 66-62360 Y 4.Ec 7: F 88/2
- 14371 Government price statistics, report of Subcommittee on Economic Statistics, July 1966. 1966. v+19 p. (Joint committee print, 89th Congress, 2d session.) \* Paper, 15c. ● Item 1000  
L.C. card 66-62279 Y 4.Ec 7: P 93/9/966
- 14372 New directions in Soviet economy, studies prepared for Subcommittee on Foreign Economic Policy: pt. 3, Human resources. 1966. iii+593-871 p. il. (Joint committee print, 89th Congress, 2d session.) \* Paper, 65c. ● Item 1000  
L.C. card 66-62352 Y 4.Ec 7: So 8/7/pt.3
- 14373 Private pension plans, hearings before Subcommittee on Fiscal Policy, 89th Congress, 2d session. ● Item 1000  
L.C. card 66-62148 Y 4.Ec 7: P 38/2/pt.1,2  
pt. 1. Apr. 26-May 2, 1966. 1966. iv+1-262 p. il. \* Paper, 70c.  
pt. 2. May 3-20, 1966. 1966. iv+263-524 p. il. \* Paper, 70c.
- 14374 Sept. 1966 supplement to Committee publications and policies governing their distribution, 89th Congress, 2d session. [1966.] [2] p. 4° (Committee prints.) †  
L.C. card 66-60935 Y 4.Ec 7: P 96/946-66/supp.
- 14375 Technology in education, hearings before Subcommittee on Economic Progress, 89th Congress, 2d session, June 6-13, 1966. 1966. iv+273 p. \* Paper, 65c. ● Item 1000  
L.C. card 66-62393 Y 4.Ec 7: Ed 8
- 14376 Twentieth anniversary of Employment act of 1946, economic symposium, supplement to hearing, 89th Congress, 2d session, invited comments on directions for the future. 1966. iv+192 p. \* Paper, 50c. ● Item 1000  
L.C. card 66-61370 Y 4.Ec 7: Em 7/10/supp.
- 14377 Twenty years after, appeal for renewal of international economic cooperation on grand scale, report of Subcommittee on International Exchange and Payments; Sept. 1966. 1966. v+4 p. (Joint committee print, 89th Congress, 2d session.) \* Paper, 10c.  
L.C. card 66-62533 Y 4.Ec 7: In 8/11

## HOUSE OF REPRESENTATIVES Washington, D.C. 20515

- 14378 Major legislative actions, 89th Congress, up to Sept. 13, 1966; prepared by Coordinator of Information. [1966.] 51 p. 4° †  
L.C. card 50-60030 Y 1.2: L 52/966-2

### *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, 89th Congress.

- 14379 324, pt. 1. Annual report of Chief of Engineers, Army, on civil works activities, fiscal year 1965, v. 1. [1966.] xxxv+120 p. il. \* (Available in departmental edition, 45c., D 103.1:965/v.1, and sent to depositories in that form. See Entry no. 14570.)

♠For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

Page 19



# GOVERNMENT PUBLICATIONS

## House documents, 89th Congress—Continued

- 14380 344. United States defense policies in 1965 [with bibliography], prepared by [Charles H. Donnelly], Library of Congress, Legislative Reference Service; Apr. 6, 1966. 1966. viii+233 p. † ● Item 996
- 14381 363. Report to Congress of United States: Examination of financial statements, fiscal year 1965, Commodity Credit Corporation, Department of Agriculture; by Comptroller General of United States. Jan. 1966. [9]+13 p. 4° † ● Item 996
- 14382 434. West Divide project, Colo., letter from Secretary of Interior transmitting report; May 4, 1966. 1966. xxix+117 p. il. map, 3 tab. [Map is colored.] † ● Item 996
- 14383 457. Food for peace, 1965 annual report on Public law 480 [83rd Congress, as amended, during period Jan. 1-Dec. 31, 1965]. [1966.] cover title, 190+[2] p. il. 4° \* Paper, \$1.25. ● Item 996
- 14384 459. Hurricane survey of northwest Florida coast, letter from chief of engineers, Army, submitting report on interim hurricane survey [with bibliography]; July 11, 1966. 1966. x+91 p. il. 12 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 14572.] †
- 14385 467. Report to Congress of United States: Examination of financial statements of Federal Home Loan Banks supervised by Federal Home Loan Bank Board for year ended Dec. 31, 1965; by Comptroller General of United States, Aug. 16, 1966. [1966.] ix+13 p. 4° † ● Item 996
- 14386 487. Report on audit of Saint Lawrence Seaway Development Corporation, calendar year 1965, letter from Comptroller General transmitting report, Aug. 31, 1966. 1966. v+11 p. 4° † ● Item 986
- 14387 488. United States policy toward Asia, report of Subcommittee on Far East and Pacific of Committee on Foreign Affairs on hearings held Jan. 25-Mar. 10, 1966, pursuant to H. Res. 84; May 19, 1966. 1966. [xvi]+12+582 p. [Includes Subcommittee print and hearings, for which see May and July 1966 issues of Monthly catalog, Entry numbers 7144 and 10244, respectively.] † (To be sent to depository libraries in serial set binding). L.C. card 66-62498

## House reports

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

## House reports on public bills, 89th Congress. † House Document Room, Capitol. ● Item 1008-A

- 14388 1699, pt. 1. Housing and urban development act of 1966. Report of Committee on Banking and Currency, together with minority and individual views, on H.R. 15890; July 15, 1966. 1966. [1]+1-92 p.
- pt. 2. Same: Report of Committee on Banking and Currency on H.R. 15890; July 15, 1966. 1966. [1]+93-402 p. [Part 2 shows changes made in existing law as reported.] L.C. card 66-62037
- 14389 1769. Refugee problems in Vietnam, India, and Hong Kong, British crown colony, H. Res. 593, 89th Congress; July 25, 1966. 1966. iii+36 p. il. 1 pl. L.C. card 66-62062
- 14390 1827. Chamizal Memorial Highway. Report from Committee on Public Works to accompany H.R. 11555. Aug. 9, 1966. 27 p. 2 maps.
- 14391 1830. Consideration of H.R. 13228. Report from Committee on Rules to accompany H. Res. 965. Aug. 10, 1966. 1 p.
- 14392 1849. Colorado River Basin project. Report together with additional views from Committee on Interior and Insular Affairs to accompany H.R. 4671. Aug. 11, 1966. 157 p. il. L.C. card 66-62314
- 14393 1850. Amending the westablishing revolving fund for expert assistance loans to Indian tribes. Report from Committee on Interior and Insular Affairs to accompany H.R. 15059. Aug. 15, 1966. 5 p.
- 14394 1851. Providing for reapportionment of legislature of Virgin Islands. Conference report to accompany H.R. 13277. Aug. 15, 1966. 2 p.
- 14395 1852. Legislative branch appropriations, 1967. Conference report to accompany H.R. 15456. Aug. 15, 1966. 6 p.
- 14396 1854. Extending termination date of Indian Claims Commission to Apr. 10, 1969. Report from Committee on Interior and Insular Affairs to accompany H.R. 5392. Aug. 16, 1966. 18 p.
- 14397 1855. Authorizing long-term leases on San Xavier and Salt River Pima-Maricopa Indian Reservations, Ariz. Report from Committee on Interior and Insular Affairs to accompany H.R. 7648. Aug. 16, 1966. 13 p.
- 14398 1856. Farm real estate loans on leased lands in Hawaii. Report from Committee on Agriculture to accompany H.R. 15951. Aug. 16, 1966. 5 p.
- 14399 1857. Printing of Senate hearings of study team report on recreational opportunities in State of Washington. Conference report to accompany S. Con. Res. 90. Aug. 17, 1966. 2 p.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 14400 1858. Small reclamation projects act of 1956. Conference report to accompany S. 602. Aug. 17, 1966. 5 p.  
 14401 1859. Sundry independent executive agencies and Department of Housing and Urban Development appropriations, 1967. Conference report to accompany H.R. 14921. Aug. 17, 1966. 7 p.  
 14402 1861. Merchant marine act, 1936, construction differential subsidies. Conference report to accompany S. 2858. Aug. 18, 1966. 2 p.

**Agriculture Committee, House**  
 Washington, D.C. 20515

[Committee hearings] serial, 89th Congress. ● Item 1010

- 14403 KK. Community development district act, hearings, 89th Congress, 2d session, on H.R. 12466 and S. 2934, June 9-10, 1966. 1966. iv+152 p. il. †  
 L.C. card 66-62064 Y 4.Ag 8/1: C 73/8  
 14404 MM. Legislative policy of Bureau of Budget, hearing before Subcommittee on Conservation and Credit, 89th Congress, 2d session, July 11, 1966. 1966. iii+50 p. †  
 L.C. card 66-62245 Y 4.Ag 8/1: B 85  
 14405 PP. Forest fire prevention and control, hearing before Subcommittee on Forests, 89th Congress, 2d session, Apr. 15, 1966. 1966. v+137 p. il. [This hearing was held in Santa Barbara, Calif.] †  
 L.C. card 66-62398 Y 4.Ag 8/1: F 76/40  
 14406 RR. To include certain fruits in Agricultural marketing agreement act of 1937, hearing before Subcommittee on Domestic Marketing and Consumer Relations, 89th Congress, 2d session, on H.R. 13007 [and other bills], July 27 1966. 1966. iii+54 p. il. †  
 L.C. card 66-62396 Y 4.Ag 8/1: F 94/4  
 14407 H.R. 16918 and summary of proposed changes in U.S. grain standards act: Aug. 12, 1966. 1966. iii+22 p. (Committee print, 89th Congress, 2d session.) †  
 L.C. card 66-62433 Y 4.Ag 8/1: G 76/14

**Appropriations Committee, House**  
 Washington, D.C. 20515

- 14408 Public works appropriations for 1967, hearings before subcommittee, 89th Congress, 2d session. ● Item 1011  
 L.C. card 60-61219 Y 4.Ap 6/1: P 96/14/967/pt.3  
 pt. 3. Testimony of Members of Congress, interested organizations, and individuals. 1966. ii+1436+xvi p. il. †

**Armed Services Committee, House**  
 Washington, D.C. 20515

- 14408A Examination of Department of Defense cost reduction program, report of Subcommittee for Special Investigations, 89th Congress, 2d session; Sept. 12, 1966. 1966. v+42 p. (Committee print.) \* Paper, 15c.  
 Y 4.Ar 5/2: D 36/7

[Papers], 89th Congress. † ● Item 1012 Y 4.Ar 5/2a: 965-66/(nos.)

NOTE.—These papers consist largely of hearings. They are paged continuously for binding at the end of session of Congress under title "Hearings before Committee on Armed Services of the House of Representatives on sundry legislation affecting the naval and military establishments." Title page, contents, and index are issued for each volume.

- 14409 72. Full committee consideration on H.R. 15712, to amend sec. 2634 of title 10, United States Code, to authorize payment of expenses incidental to transportation of motor vehicles of certain members of Armed Forces. [1966.] p. 9571-83.  
 14410 74. Subcommittee no. 3 consideration of H.R. 11984, to amend sec. 701 of title 10, United States Code, to authorize additional accumulation of leaves in certain foreign areas. [1966.] p. 9609-13.  
 14411 88. Impact of airline strike on defense posture, hearing, 89th Congress, 2d session, July 28, 1966. 1966. ii+10825-861 p.  
 L.C. card 66-62400  
 14412 89. Subcommittee no. 3, consideration of H.R. 12536, to amend sec. 409 of title 37, United States Code, relating to transportation of house trailers and mobile dwellings to members of uniformed services, and H.R. 17119, to amend title 10, United States Code, to permit members of Armed Forces to be assigned or detailed to Environmental Science Services Administration, Department of Commerce. [1966.] p. 10863-889.

**Banking and Currency Committee, House**  
 Washington, D.C. 20515

- 14413 List of publications, supp. 2, Committee on Banking and Currency, hearings and committee prints, 89th Congress; July 25, 1966. [1966.] 2 p. (Committee print.) †  
 L.C. card 65-61696 Y 4.B 22/1: P 96/2/865-964/supp.2

# GOVERNMENT PUBLICATIONS

- 14414 Sale of standard silver dollars held by Treasury, hearings, 89th Congress, 2d session, on H.R. 13150 and related bills, July 26-28, 1966. 1966. vi+165 p. il. \* Paper, 45c. ● Item 1013  
L.C. card 66-62172 Y 4.B 22/1: Si 3/3

## *Education and Labor Committee, House* Washington, D.C. 20515

- 14415 Antipoverty in District of Columbia, hearing before Task Force on Antipoverty in District of Columbia, 89th Congress, 2d session on investigation of United Planning Organization in District of Columbia and its relation to poverty, Mar. 14, 1966. 1966. iii+105 p. † ● Item 1015  
L.C. card 66-62402 Y 4.Ed 8/1: An 8/3
- 14416 Elementary and secondary education amendments of 1966 (Hawaii), hearing before General Subcommittee on Education and Ad Hoc Subcommittee on War on Poverty Program, 89th Congress, 2d session, on H.R. 13160 and H.R. 13161, Apr. 15, 1966. 1966. iv+126 p. il. [These hearings were held in Honolulu, Hawaii.] † ● Item 1015  
L.C. card 66-62165 Y 4.Ed 8/1: Ed 8/24/966-2
- 14417 Impact aid, hearings before General Subcommittee on Education, 89th Congress, 2d session, on H.R. 13160 and H.R. 13161, Mar. 24-Apr. 23, 1966. 1966. vii+371 p. il. † ● Item 1015  
L.C. card 66-62244 Y 4.Ed 8/1: Ai 2

## *Foreign Affairs Committee, House* Washington, D.C. 20515

- 14418 Crisis in NATO, report of Subcommittee on Europe on hearings held Mar. 17-June 13, 1966, pursuant to H. Res. 84; Aug. 1966. 1966. vi+13 p. (Committee print, 89th Congress, 2d session.) †  
L.C. card 66-62325 Y 4.F 76/1: N 81/2
- 14419 Foreign assistance act of 1966, hearings, 89th Congress, 2d session, on H.R. 12449 and H.R. 12450. ● Item 1017  
L.C. card 66-61151 Y 4.F 76/1: F 76/28/966-2/pt.7  
pt. 7. Appendix and index. 1966. iii+1039-92 p. †
- 14420 Ramseyer rule of proposed amendments to Peace Corps act (H.R. 15371) [prepared by Office of Legislative Counsel]; July 18, 1966. 1966. iii+19 p. (Committee print, 89th Congress, 2d session.) †  
L.C. card 66-62326 Y 4.F 76/1: P 31/8/966
- 14421 U.S. observance of International Human Rights Year, 1968, hearings before Subcommittee on International Organizations and Movements, 89th Congress, 2d session, on H.R. 17083 (and similar measures), Aug. 11 and 17, 1966. 1966. iv+50 p. † ● Item 1017  
L.C. card 66-62403 Y 4.F 76/1: In 8/40

## *Government Operations Committee, House* Washington, D.C. 20515

- 14422 Computer and invasion of privacy, hearings before subcommittee, 89th Congress, 2d session, July 26-28, 1966. 1966. iv+318 p. \* Paper, 75c. ● Item 1016  
L.C. card 66-62406 Y 4.G 74/7: P 93/2
- 14423 Drug safety, hearings before subcommittee, 89th Congress, 1st session. † ● Item 1016  
L.C. card 64-65581 Y 4.G 74/7: D 84/2/pt.3  
pt. 3. Mar. 23-June 25, 1965. 1966. vii+813-1436 p. il.
- 14424 John Fitzgerald Kennedy Library, hearing before subcommittee, 89th Congress, 2d session, on H.J. Res. 1207, July 26, 1966. 1966. iv+60 p. † ● Item 1016  
L.C. card 66-62252 Y 4.G 74/7: K 38

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



# OCTOBER 1966

- 14425 Reorganization plan no. 5 of 1966 (National Capital Regional Planning Council), hearing before subcommittee, 89th Congress, 2d session, Aug. 9, 1966. 1966. iii+32 p. il. † ● Item 1016  
L.C. card 66-62405 Y 4.G 74/7: R 29/3/966/no.5

## *House Administration Committee, House* Washington, D.C. 20515

- 14426 U.S. House of Representatives, detailed statement of disbursements, Jan. 1-June 30, 1966. 1966. v+258 p. (Committee print, 89th Congress, 2d session.) †  
L.C. card 62-61072 Y 4.H 81/3: D 63/966

## *Interior and Insular Affairs Committee, House* Washington, D.C. 20515

- [Committee hearings] serial, 89th Congress. ● Item 1023  
14427 33. California Indians judgment fund, 1966, hearings before Subcommittee on Indian Affairs, 89th Congress, 2d session, on H.R. 8021, May 2 and 3, 1966. 1966. v+314 p. map. †  
L.C. card 66-62170 Y 4.In 8.14: 89-33

## *Interstate and Foreign Commerce Committee, House* Washington, D.C. 20515

- [Committee hearings] serial, 89th Congress. ● Item 1019  
14428 41. Airline labor dispute, hearings, 89th Congress, 2d session, on S.J. Res. 186, Aug. 5-10, 1966. 1966. iv+280 p. il. †  
L.C. card 66-62171 Y 4.In 8/4: 89-41

## *Judiciary Committee, House* Washington, D.C. 20515

- [Committee hearings] serial, 89th Congress. † ● Item 1020 Y 4.J89/1: 89/(nos.)  
14429 17. Measures for combating crime, hearing before subcommittee no. 3, 89th Congress, 2d session, on H.R. 13548, H.R. 13549, H.R. 13551, Mar. 30 and June 1, 1966. 1966. iii+97 p.  
L.C. card 66-62247  
14430 20. Adjustment of status for Cuban refugees, hearings before subcommittee no. 1, 89th Congress, 2d session, on H.R. 15182, H.R. 15183, H.R. 16908, H.R. 10808 and H.R. 13393, Aug. 10-17, 1966. 1966. iii+74 p.  
L.C. card 66-62249

## *Merchant Marine and Fisheries Committee, House* Washington, D.C. 20515

- [Committee hearings] serial, 89th Congress. † ● Item 1021 Y 4.M53: 89-(nos.)  
14431 25. Sea grant colleges, hearing before Subcommittee on Oceanography, 89th Congress, 2d session, on H.R. 15192, H.R. 15471, H.R. 15569, June 13, 1966. 1966. iii+85 p. il.  
L.C. card 66-62069  
14432 26. Estuarine and wetlands legislation, hearings before Subcommittee on Fisheries and Wildlife Conservation, 89th Congress, 2d session, on H.R. 11236 [and other] bills, [and] H.R. 13447, June 16-23, 1966. 1966. vi+297 p. il. map.  
L.C. card 66-62248  
14433 28. Jellyfish control, hearings before Subcommittee on Fisheries and Wildlife Conservation, 89th Congress, 2d session, on H.R. 11475, H.R. 11507, H.R. 16634, Aug. 9-11, 1966. 1966. ii+67 p. il.  
L.C. card 66-62408

## *Post Office and Civil Service Committee, House* Washington, D.C. 20515

- 14434 Federal classified, postal, and Foreign Service salary rates; July 1966. 1966. ii+6 p. (Committee print, 89th Congress, 2d session.) †  
L.C. card 66-62363 Y 4.P 84/10: Sa 3/13/966

♠For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 23



# GOVERNMENT PUBLICATIONS

- 14435 Leave system for Federal seafaring employees [reports of Civil Service Commission on H.R. 3002 and Staffing Federal seafaring positions]; Aug. 1966. 1966. vi+9 p. (Committee print, 89th Congress, 2d session.) ‡  
L.C. card 66-62328 Y 4.P 84/10 : L 48/4
- 14436 Mail transportation by regulated motor carrier, hearing before Subcommittee on Postal Operations, 89th Congress, 2d session, on H.R. 13925. ● Item 1022  
L.C. card 66-61863 Y 4.P 84/10 : M 28/30/pt. 2  
pt. 2. July 19, 1966. 1966. iii+109-126 p. †

## Public Works Committee, House Washington, D.C. 20515

- [Committee hearings, serial], 89th Congress. † ● Item 1024 Y 4.P 96/11 : 89-(nos.)
- 14437 22. Disaster relief act of 1965, hearings before Subcommittee on Flood Control, 89th Congress, 2d session, on S. 1861 and related bills. L.C. card 66-60197  
pt. 2. July 19 and 20, 1966. 1966. iv+83-196 p.
- 14438 32. Economic development act amendments, 1966, hearings, 89th Congress, 2d session, on H.R. 10855 and H.R. 12227, May 24-June 29, 1966. 1966. iv+135 p. ii. L.C. card 66-62065
- 14439 35. Hirshhorn Museum, hearing before Subcommittee on Public Buildings and Grounds, 89th Congress, 2d session, on H.R. 15121 and related bills, June 15, 1966. 1966. iii+138 p. L.C. card 66-62085
- 14440 39. Relationship of toll facilities to Federal-aid highway program, hearings before Special Subcommittee on Federal-Aid Highway Program and Subcommittee on Roads, 89th Congress, 2d Session, Mar. 8-June 23, 1966. 1966. ix+944 p. ii. L.C. card 66-62409
- 14441 Section-by-section analysis of H.R. 14359, Federal-aid highway act of 1966; May 1966. 1966. ii+4 p. (Committee print 31, 89th Congress, 2d session) ‡  
L.C. card 66-62351 Y 4.P 96/11 : H 53/3

## Small Business, Select Committee on, House Washington, D.C. 20515

- 14442 Role of small business in air transportation industry, hearings before subcommittee no. 4, 89th Congress, 1st session, pursuant to H. Res. 13. † ● Item 1031 Y 4.Sm 1 : A1 7/3/v.1, 2
- v. 1. Helicopters and air freight forwarders, Aug. 13 and Sep. 24, 1965. 1966. viii+157+97 p. ii. [Hearings were held in Los Angeles, Calif. and Washington, D.C.] L.C. card 66-62532
- v. 2. Travel agents, Aug. 14, 1965-June 2, 1966. 1966. viii+159-410+A99-A351 p. ii. [Contains copyright material. These hearings were held in Los Angeles, Calif., Washington, D.C., and Chicago, Ill.] L.C. card 66-62243

## Veterans' Affairs Committee, House Washington, D.C. 20515

- 14443 NSLI refunds, Philippine peso payments, hearings before special subcommittee, 89th Congress, 2d session, on H.R. 16557, Aug. 23 and 24, 1966. 1966. v+4607-59 p. ii. † ● Item 1027 Y 4.V 64/3 : L 62/11  
L.C. card 66-62412
- 14444 Report of Veterans Administration Committee Studying PBS-PHC (prebed and posthospital care) Activity; Aug. 16, 1966. 1966. ii+44 p. (House committee print 230, 89th Congress, 2d session.) †  
L.C. card 66-62494 Y 4.V 64/3 : P 91/3

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

# OCTOBER 1966

## *Ways and Means Committee, House* Washington, D.C. 20515

- 14445 Data on self-employed retirement deduction for taxable year 1964, report submitted by Department of Treasury, Apr. 18, 1966. 1966. ii+14 p. (Committee print, 89th Congress, 2d session.) †  
L.C. card 66-62280 Y 4.W 36: R 31/4
- 14446 Written statements by interested individuals and organizations on H.R. 11297, Foreign investors tax act of 1965, submitted to Committee on Ways and Means, 89th Congress, 2d session. 1966. iv+204 p. (Committee print.) †  
L.C. card 66-62282 Y 4.W 36: F 76 in/6

## SENATE Washington, D.C. 20510

### *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, 89th Congress.

- 14447 97. Beach erosion control study, St. Johns County, Fla., letter from chief of engineers Army, submitting report; July 11, 1966. 1966. vii+58 p. il. 7 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 14571.] †
- 14448 100. History, membership, and jurisdiction of Senate Committee on Commerce from 1816-1966, prepared under direction of Warren G. Magnuson, chairman; June 24, 1966. 1966. iii+61 p. [Title on cover is: Committee on Commerce, United States Senate, 150th anniversary, 1816-1966.] †  
● Item 996  
L.C. card 66-62472
- 14449 102. Semiannual report of Architect of Capitol, Jan. 1-June 30, 1966; Aug. 19, 1966. 1966. iii+126 p. † ● Item 996
- 14450 104. Report of Secretary of Senate, Jan. 1-June 30, 1966; Aug. 24, 1966. 1966. iv+559 p. † (To be sent to depository libraries in Serial set binding.)
- 14451 106. Where votes are, profile of America in mid-1960's, sketched with statistics on canvas of changing world, as it affects voting habits of 1968, 1972, and thereafter, prepared by staff of Republican Policy Committee, Senate, July 10, 1966; Aug. 30, 1966. 1966. v+43 p. † ● Item 996  
L.C. card 66-62497

### *Senate executive document*

#### Senate executive document, 89th Congress, 2d session. †

- 14452 S. International Convention on Load Lines, 1966, message from President of United States transmitting International Convention on Load Lines, 1966, with annexes, signed London Apr. 5, 1966; Sept. 12, 1966. 1966. vi+80 p. il.  
L.C. card 66-62530 Y 1.89/2: S

### *Senate reports*

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

#### Senate reports on public bills, 89th Congress. † Senate Document Room, Capitol. ● Item 1008-A

- 14453 1232. Consenting to entry of Massachusetts into bus taxation proration agreement. Report from Committee on Judiciary to accompany H.R. 13935. June 9, 1966. 8 p.
- 14454 1365. District of Columbia ball agency act. Report from Committee on District of Columbia to accompany H.R. 15860. July 7, 1966. 8 p.  
L.C. card 66-62020
- 14455 1406. Uniform civil appellate rules. Report from Committee on Judiciary to accompany S. 3254. July 22, 1966. 7 p.
- 14456 1459. Exemptions from Shipping act, 1916. Report from Committee on Commerce to accompany S. 3391. Aug. 15, 1966. 7 p.
- 14457 1460. Merchant Marine act of 1966. Report from Committee on Commerce to accompany S. 3446. Aug. 15, 1966. 10 p.
- 14458 1461. Federal inventions act of 1966. Report together with individual views from Committee on Judiciary to accompany S. 1809. Aug. 16, 1966. 43 p.  
L.C. card 66-62319
- 14459 1463. Conservation of endangered species of fish and wildlife. Report from Committee on Commerce to accompany H.R. 9424. Aug. 17, 1966. 30 p.  
L.C. card 66-62318

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## Senate reports on public bills, 89th Congress—Continued

- 14460 1464. Costs of inspection at ports of entry. Report from Committee on Commerce to accompany S. 1596. Aug. 17, 1966. 22 p.
- 14461 1467. Authorizing printing of additional copies of House reports on State taxation of interstate commerce. Report from Committee on Rules and Administration to accompany H. Con. Res. 532. Aug. 17, 1966. 1 p.
- 14462 1477. Authorizing printing of compilation of remarks and addresses by Congressman Daniel J. Flood on Panama Canal Zone policy questions as House document. Report from Committee on Rules and Administration to accompany H. Con. Res. 925. Aug. 17, 1966. 1 p.
- 14463 1478. Empowering CAB to grant temporary international route authority to U.S. carriers. Report from Committee on Commerce to accompany S. 3197. Aug. 17, 1966. 19 p.
- 14464 1479. Implementing provisions of International Convention for Prevention of Pollution of Sea by Oil, 1954. Report from Committee on Commerce to accompany H.R. 8760. Aug. 17, 1966. 17 p.
- 14465 1481. Survivor annuities for reemployed annuitants. Report from Committee on Post Office and Civil Service to accompany S. 699. Aug. 18, 1966. 8 p.
- 14466 1483. Safety of life at sea. Report from Committee on Commerce to accompany H.R. 10327. Aug. 18, 1966. 22 p.
- 14467 1527. Food for peace act of 1966. Report from Committee on Agriculture and Forestry to accompany H.R. 14929. Aug. 25, 1966. 85 p.  
L.C. card 66-62499
- 14468 1549. Migratory farm labor problem in United States. 1966 report of Committee on Labor and Public Welfare made by its Subcommittee on Migratory Labor pursuant to S. Res. 188 (89th Cong., 2d sess.), together with individual views: Aug. 30, 1966. 1966. vii+163 p. il.  
L.C. card 66-62531

## *Aging, Special Committee on, Senate*

*Washington, D.C. 20510*

- 14469 Tax consequences of contributions to needy older relatives, hearing, 89th Congress, 2d session, June 15, 1966. 1966. iii+82 p. \* Paper, 30c.  
● Item 1009  
L.C. card 66-62155

Y 4.Ag 4: T 19

## *Agriculture and Forestry Committee, Senate*

*Washington, D.C. 20510*

- 14470 Expansion of beef exports, hearing, see Small Business, Select Committee on, Senate.

## *Appropriations Committee, Senate*

*Washington, D.C. 20510*

- 14471 Agricultural appropriations for fiscal year 1967, hearings before subcommittee, 89th Congress, 2d session, on H.R. 14596. 1966. ii+12 p. [Supplemental hearing relating to limitation on shipments pursuant to Public law 480.] † ● Item 1033  
L.C. card 60-61392
- 14472 Labor-Health, Education, and Welfare appropriations for fiscal year 1967, hearings before subcommittee, 89th Congress, 2d session, on H.R. 14745.  
† ● Item 1033  
L.C. card 60-61494

Y 4.Ap 6/2: Ag 8/967-2

Y 4.Ap 6/2: L 11/967/pt.1.2

pt. 1. Mar. 2-28, 1966. 1966. ii+1-1385+xx p.  
pt. 2. Mar. 30-June 3, 1966. 1966. ii+1387-2690+xx p. il.

- 14473 [This entry number not used.]

## *Banking and Currency Committee, Senate*

*Washington, D.C. 20510*

- 14474 Interest rates and mortgage credit, hearing, 89th Congress, 2d session, on S. 3687, S. 3627, and S. 3529, Aug. 4, 1966. 1966. iv+128 p. † ● Item 1035  
L.C. card 66-62077

Y 4.B 22/3: In 8/8

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



# OCTOBER 1966

- 14475 Michigan National Bank branch offices, hearing before subcommittee, 89th Congress, 2d session, on S. 308, Aug. 17, 1966. 1966. iv+45 p. il. †  
 ● Item 1035  
 L.C. card 66-62416 Y 4.B 22/3 : M 58/966
- 14476 Regulation of maximum rates of interest paid on savings, hearings, 89th Congress, 2d session, on S. 3687 and H.R. 14026, Aug. 13, 1966. 1966. iii+65 p. † ● Item 1035  
 L.C. card 66-62418 Y 4.B 22/3 : In 8/9
- 14477 Small business investment act amendments of 1966, hearings before Subcommittee, 89th Congress, 2d session, on S. 3695, Aug. 24 and 25, 1966. 1966. iii+80 p. † ● Item 1035  
 L.C. card 66-62255 Y 4.B 22/3 : Sm 1/11/966

## *Commerce Committee, Senate* *Washington, D.C. 20510*

- [Committee hearings] serial, 89th Congress. ● Item 1041
- 14478 67. Ocean freight rates on military cargos, hearings before Subcommittee on Merchant Marine and Fisheries, 89th Congress, 2d session, on S. 3297, May 9 and 10, 1966. 1966. iii+99 p. †  
 L.C. card 66-62078 Y 4.C 73/2 : 89-67
- 14479 Discriminatory shipping practices of foreign nations, reports prepared by Department of State, Maritime Administration, and Federal Maritime Commission; Aug. 12, 1966. 1966. iii+12 p. (Committee print, 89th Congress, 2d session.) †  
 L.C. card 66-62350 Y 4.C 73/2 : Sh 6/15

## *Finance Committee, Senate* *Washington, D.C. 20510*

- 14480 Foreign investors tax act of 1966, hearings, 89th Congress, 2d session, on H.R. 13103, Aug. 8-10, 1966. 1966. v+276 p. \* Paper, 75c. ● Item 1038  
 L.C. card 66-62256 Y 4.F 49 : F 76/5

## *Foreign Relations Committee, Senate* *Washington, D.C. 20510*

- 14481 Nominations of Robert R. Bowie and U. Alexis Johnson, hearings, 89th Congress, 2d session, on nominations of Robert R. Bowie to be counselor of State Department, and U. Alexis Johnson to be ambassador to Japan, Aug. 16 and 23, 1966. 1966. iii+130 p. † ● Item 1039  
 L.C. card 66-62261 Y 4.F 76/2 : B 67/966

## *Government Operations Committee, Senate* *Washington, D.C. 20510*

- 14482 Amend Federal property and administrative service act of 1949, hearing before Subcommittee on Foreign Aid Expenditures, 89th Congress, 2d session, on S. 3385, June 22, 1966. 1966. iii+62 p. † ● Item 1037  
 L.C. card 66-62253 Y 4.G 74/6 : F 31/2/966
- 14483 Disposal of surplus and excess property abroad, hearings before Subcommittee on Foreign Aid Expenditures, 89th Congress, 2d session, May 3-18, 1966. 1966. vi+193 p. il. † ● Item 1037  
 L.C. card 66-62254 Y 4.G 74/6 : Su 7/6/966
- 14484 Population crisis, hearings before Subcommittee on Foreign Aid Expenditures, 89th Congress, 1st session, on S. 1676. ● Item 1037  
 L.C. card 66-60601 Y 4.G 74/6 : P 81/pt.4  
 pt. 4. Appendix. 1966. ix+2013-2362 p. il. \* Paper, \$1.00.
- 14485 Property taxes in Federal enclaves, hearings before Subcommittee on Intergovernmental Relations, 89th Congress, 2d session, on S. 3000, July 12 and 13, 1966. 1966. iv+108 p. † ● Item 1037  
 L.C. card 66-62151 Y 4.G 74/6 : T 19



# GOVERNMENT PUBLICATIONS

## *Interior and Insular Affairs Committee, Senate* Washington, D.C. 20510

- 14486 Gold production incentives, hearing before Subcommittee on Minerals, Materials, and Fuels, 89th Congress, 2d session, on S. 1377, S. 2562, S. Res. 83, May 4, 1966. 1966. v+149 p. il. † ● Item 1040  
L.C. card 66-62150 Y 4.In 8/13: G 56/5
- 14487 Interior nomination, hearing, 89th Congress, 2d session, on nomination of Frank C. Di Luzio to be Assistant Secretary of Interior, July 20, 1966. 1966. ii+40 p. il. † ● Item 1040  
L.C. card 66-62154 Y 4.In 8/13: N 72/966-3
- 14488 North Cascades-Olympic National Park, hearings, 89th Congress, 2d session, on study team report on recreational opportunities in State of Washington, Feb. 11 and 12, 1966. 1966. xxxvii+1062 p. il. † ● Item 1040  
L.C. card 66-62420 Y 4.In 8/13: N 81c
- 14489 Point Reyes National Seashore, hearing before Subcommittee on Parks and Recreation, 89th Congress, 2d session, on S. 1607, July 27, 1966. 1966. iii+54 p. † ● Item 1040  
L.C. card 66-62421 Y 4.In 8/13: P 75/966
- 14490 Redwood National Park, hearings before Subcommittee on Parks and Recreation, 89th Congress, 2d session, on S. 2962. ● Item 1040  
L.C. card 66-62157 Y 4.In 8/13: R 24/8/pt.1  
pt. 1. Crescent City, Calif., June 17 and 18, 1966. 1966. vi+427 p. il. †
- 14491 Sawtooth Park on Recreation Area, hearings before Subcommittee on Parks and Recreation, 89th Congress, 2d session, on S. 3294 and S. 3295, June 13 and 14, 1966. 1966. vii+217 p. il. † ● Item 1040  
L.C. card 66-62080 Y 4.In 8/13: Sa 9/2

## *Judiciary Committee, Senate* Washington, D.C. 20510

- 14492 Alleged price fixing of library books, hearings before Subcommittee on Antitrust and Monopoly, 89th Congress, 2d session, pursuant to S. Res. 191, Mar. 23-May 12, 1966. 1966. iv+177 p. \* Paper, 45c. ● Item 1042  
L.C. card 66-62073 Y 4.J 89/2: L 61
- 14493 Civil rights, hearings before Subcommittee on Constitutional Rights, 89th Congress, 2d session, on S. 3296, amendment 561 to S. 3296 [and other bills]. † ● Item 1042  
L.C. card 66-62273 Y 4.J 89/2: C 49/13/966/pt.1,2  
pt. 1. June 6-28, 1966. 1966. ix+1-961 p.  
pt. 2. July 13-Aug. 4, 1966, and appendices. 1966. ix+963-1855 p. 1 tab.
- 14494 Cuban refugee program, hearings before Subcommittee to Investigate Problems Connected with Refugees and Escapees, 89th Congress, 2d session. ● Item 1042  
L.C. card 66-62158 Y 4.J 89/2: C 89/2/966/pt.3  
pt. 3. Newark, N.J., Apr. 15, 1966. 1966. iii+211-304 p. †
- 14495 Distribution problems affecting small business, hearings before Subcommittee on Antitrust and Monopoly, 89th Congress, 2d session, pursuant to S. Res. 191. ● Item 1042  
L.C. card 65-62474 Y 4.J 89/2: Sm 1/pt.2  
pt. 2. Jan. 18-27, 1966. 1966. iv+497-964 p. \* Paper, \$1.25.
- 14496 Proposed travel controls, hearings before Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, 89th Congress, 2d session, on S. 3243, May 17-19, 1966. 1966. iii+185+vii p. il. \* Paper, 50c. ● Item 1042  
L.C. card 66-62423 Y 4.J 89/2: T 69/3
- 14497 Study of anatomy of Communist takeover, prepared by Assembly of Captive European Nations for Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws. 1966. iii+70+v p. (Committee print, 89th Congress, 2d session.) \* Paper, 25c.  
L.C. card 66-62434 Y 4.J 89/2: C 73/53

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1966

*Labor and Public Welfare Committee, Senate*  
Washington, D.C. 20510

- 14498 Amendments to Economic opportunity act of 1964, hearings before Subcommittee on Employment, Manpower, and Poverty, 89th Congress, 2d session, on S. 3164, S. 2908, S. 3139, June 21-24, 1966. 1966. ix+737 p. il. † ● Item 1043  
L.C. card 66-62262 Y 4.L 11/2: Ec 7/966
- 14499 Family planning program, hearing before Subcommittee on Employment, Manpower, and Poverty, 89th Congress, 2d session, on S. 2993, May 10, 1966. 1966. iv+135 p. † ● Item 1043  
L.C. card 66-62149 Y 4.L 11/2: F 21
- 14500 Nomination, hearing, 89th Congress, 2d session, on Bertrand M. Harding of Virginia to be deputy director of Office of Economic Opportunity, June 2, 1966. 1966. 1966. ii+15 p. † ● Item 1043  
L.C. card 66-61967 Y 4.L 11/2: N 72/5/966-5
- 14501 — on Stanley H. Rutenberg of Maryland to be Assistant Secretary of Labor, June 2, 1966. 1966. ii+13 p. † ● Item 1043  
L.C. card 66-61988 Y 4.L 11/2: N 72/5/966-4

*Post Office and Civil Service Committee, Senate*  
Washington, D.C. 20510

- 14502 Parcel post, hearings, 89th Congress, 2d session, on H.R. 14904, July 12-Aug. 3, 1966. 1966. vii+657 p. il. † ● Item 1044  
L.C. card 66-62156 Y 4.P 84/11: P 21

*Public Works Committee, Senate*  
Washington, D.C. 20510

- 14503 Revenue bond financing by TVA, hearing before Subcommittee on Flood Control, Rivers and Harbors, 89th Congress, 2d session, on H.R. 15225, S. 3419, and S. 2827, June 28, 1966. 1966. iii+121 p. il. † ● Item 1045  
L.C. card 66-62162 Y 4.P 96/10: T 25/5/966

*Rules and Administration Committee, Senate*  
Washington, D.C. 20510

- 14504 Special Committee on Organization of Congress, hearing, 89th Congress, 2d session, on S. Res. 293, Aug. 17, 1966. 1966. iii+17 p. † ● Item 1046  
L.C. card 66-62153 Y 4.R 86/2: C 76/4/966

*Small Business, Select Committee on, Senate*  
Washington, D.C. 20510

- 14505 Expansion of beef exports, hearings before Select Committee on Small Business and Committee on Agriculture and Forestry, Senate, 89th Congress, 1st session  
L.C. card 65-61970 Y 4.Sm 1/2: B 39/pt.2
- pt. 2. Briefing on agricultural and beef proposals and potential problems in Kennedy-round trade negotiations, Sept. 9, 1965. 1966. iii+325-358 p. † ● Item 1032 and 1049
- 14506 Regional procurement, hearings before subcommittee, 89th Congress, 2d session. ● Item 1049  
L.C. card 66-62126 Y 4.Sm1/2: P 94/11/pt.3
- pt. 3. Small business procurement in New York State, Feb. 21, 1966. 1966. iii+449-541 p. [These hearings were held in New York City.] †

**CONSUMER AND MARKETING SERVICE, Agriculture Dept.**  
Washington, D.C. 20250

- C&MS (series). † A 88.40/2: (nos.)
- 14507 11. Packaged fluid milk sales in Federal milk order markets by size and type of containers and distribution method, during Nov. 1964. [July 1966.] 42 p. 4° (Dairy Division.)

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## C&MS (series)—Continued

- 14508 14. Fresh fruit and vegetable shipments by commodities, States, months, calendar year 1965. June 1966. 20 p. 4° (Fruit and Vegetable Division, Market News Branch.)  
L.C. card 57-60882
- 14509 22. Bulk cooling tanks on farms supplying Federal milk order markets, [Jan. 1966]. Aug. 1966. 16 p. 4° (Dairy Division.) [Previous report, for Jan. 1964, was issued by Agricultural Marketing Service in June 1964 as AMS-261.]  
L.C. card 62-60415
- 14510 49. Federal seed act. [Aug. 1966.] [2] p. oblong 8°, folded into narrow 8° size.
- 14511 50. Sources of milk for Federal order markets by State and county. Sept. 1966. 50+[2] p. il. 4° (Dairy Division.) [Reported for 1963 in AMS-243 (1964), issued Nov. 1964.]
- 14512 United States standards for grade of pickles, effective Sept. 1, 1966. 3d issue. [1966.] [2]+13 p. il. 4° [Published in Federal register, July 29, 1966. Supersede standards which have been in effect since Apr. 30, 1954.] †  
A 88.6/2: 1° 587/966

## CUSTOMS BUREAU, Treasury Dept. Washington, D.C. 20226

- 14513 Measurement of vessels, regulations relating to admeasurement of vessels, together with relevant laws of United States, Suez Canal regulations, and Panama Canal rules, pt. 2 of Customs regulations, revised to Jan. 1951. 1966 reprint. iii+[131] p. il. 4° [Cumulates revised pages sets 1-14 of 1951 printing. Issued in looseleaf form.] \* Paper, \$1.25. ● Item 948  
L.C. card 43-50845  
T 17.9/2: V 63/rep. 966

## DEFENSE DEPARTMENT Washington, D.C. 20301

### Cataloging handbook H (series).

- 14514 7. Manufacturers part and drawing numbering systems, supplement. Aug. 1966. vii+186 p. il. 4° (Defense Logistics Services Center, Defense Supply Agency, Battle Creek, Mich.) [Seventh cumulative supplement to basic handbook dated Nov. 1964. Supersedes cumulative supplement dated May 1966. Issued with perforations.] † ● Item 314-A  
D 7.6/2: 7/3/supp. 7
- 14515 Class-s of surplus personal property sold by Department of Defense. Aug. 1966. 31 p narrow 8° (Defense Supply Agency, Defense Logistic Services Center, Federal Center, Battle Creek, Mich.) † ● Item 314-A  
D 7.2: P 94/5/966

### Defense Supply Agency handbook DSAH (series) ● Item 314-A

- 14516 4160.1 Defense scrap yard handbook [with bibliography for sources of information on metals and materials history and outlook]. June 1966. cover title, vi+[180] p. il. 4° ([Army Department] TM 755-200; NAVSANDA PUB 5523; [Air Force Dept.] AFM 68-3; [Marine Corp] MCO P4010.2A.) [Issued in looseleaf form. Supersedes DSAH 4160.1, TM 754-200, AFM 68-3, MCO P4010.2, Dec. 1962.] \* Paper, \$1.25.  
D 7.6/7: 4160.1/2
- 14517 Federal supply classification listing of DOD standardization documents; July 31, 1966. [1966.] vi+1042 p. 4° [Issued in looseleaf form. Supersedes index dated July 31, 1965 and supplement dated May 31, 1966.] \* Paper, \$10.00 (including basic book and cumulative bimonthly supplements); \$2.50 additional for foreign mailing. ● Item 314-G  
D 7.14/2: 966
- 14518 Guide to contractor performance evaluation (development and production), June 1966. [1966.] viii+74 p. il. 4° \* Paper, 50c. ● Item 314-A  
D 7.6/4: C 76/2
- 14519 Index of specifications and standards: July 31, 1966. [1966.] [Issued in looseleaf form. Supersedes Index dated July 31, 1965 and supplement dated May 31, 1966.] \* Paper \$20.00 (including basic issues, pts. 1 and 2, with cumulative bi-monthly supplements for each part for an indefinite period); \$5.00 additional for foreign mailing. ● Item 314-G  
L.C. card 61-64801  
D 7.14: 966/pt. 1, 2  
pt. 1. Alphabetical listing. vii+827 p. 4°  
pt. 2. Numerical listing. vii+A1193+B 116 p. 4°

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



(OCTOBER 1966

- 14520 MILSTRIP, military standard requisitioning & issue procedures, Change 13; Aug. 1. 1966. [1966.] [229] p. 4° (DoD 4140.17-M; Office of Assistant Secretary of Defense (Installations and Logistics.) [Issued in looseleaf form.] \* Paper, \$1.25. • Item 314-A D 7.6/4; M 59/ch. 13

Plastics Technical Evaluation Center, Picatinny Arsenal, Dover, N.J.: PLASTECH reports. D 4.11: (nos.)

- 14521 26. Fiber reinforced thermoplastics, applications, molding techniques, and performance data [with bibliographies]; by Nicholas T. Baldanza. May 1966. vii+80+[2] p. +[3] leaves, il. 4° [Issued with perforations.] • Paper, \$3.00  
L.C. card 66-62526
- 14522 28. Polybenzimidazoles, review [with list of references]; by J. Richard Hall and David W. Levi. July 1966. [1]+43+[2] p. +[3] leaves, il. 4° [Issued with perforations.] • Paper, \$2.00.  
L.C. card 66-62527

Poster DSA-P (series). (Defense Supply Agency.)

- 14523 5220.1. Security violations don't just happen, they are caused. 1966. 22×14 in.  
\* Cardboard, 20c. D 7.19: 5220.1

**DEFENSE DOCUMENTATION CENTER, Defense Dept.**  
Alexandria, Va. 22314

- 14524 Thesaurus of DDC descriptors. June 1966. [1]+iii+510 p. 4° (Cameron Station, Alexandria, Va.) [Updates Thesaurus of ASTIA descriptors, 2d edition, Dec. 1962, and supersedes DDC supplement to thesaurus of ASTIA descriptors, 2d edition, DDC authorized descriptors, July 1964, and Descriptor hierarchies, July 1964.] † • Item 314-E  
L.C. card 66-62431 D 10.2: D 45/966

**DISTRICT OF COLUMBIA**  
Washington, D.C. 20004

- 14525 List of legal investments for trust funds in District of Columbia, as of July 1, 1966. [1966.] ii+61 p. [Semiannual.] † Office of Register of Wills and Clerks of Probate Court. • Item 430-A  
L.C. card 41-7391 DC 21.9: 966-2

**ECONOMIC OPPORTUNITY OFFICE, Executive Office of the**  
President, Washington, D.C. 20506

- 14526 Foster grandparent program. [1966.] 5 p. 4° (Public Affairs; G1.) †  
• Item 857-H PrEx 10.2: G 81
- 14527 Job Corps centers [list], July 1, 1966. [1966.] 7 p. 4° † • Item 857-H  
PrEx 10.2: J 57/3/966-2
- 14528 Migrant worker programs in rural community action, migrant programs can promote education and training, improved working conditions, housing, community understanding. [1966.] [4] p. narrow 8° ([C-38]; Community Action Program.) † PrEx 10.2: M 58/3

**ECONOMIC RESEARCH SERVICE, Agriculture Dept.**  
Washington, D.C. 20250

Costs and returns FCR (series). ([Farm Production Economics Division.]) † A 93.9/11: (nos.)

- 14529 37. Western livestock ranches, 1965; [by Wylle D. Goodsell and James R. Gray]. May 1966. [2]+13 p. il. 4°
- 14530 39. Commercial wheat farms, Pacific Northwest, Northern Plains, Southern Plains, 1965; [by Edgar B. Hurd]. June 1966. [2]+16 p. il. 4°
- 14531 40. Commercial tobacco-livestock farms, Bluegrass area, Ky.; [by Owen K. Shugars and John H. Bondurant]. June 1966. [2]+13 p. il. 4° [Prepared in cooperation with Kentucky Agricultural Experiment Station.]
- 14532 41. Commercial egg-producing farms, New Jersey, 1965; [by David T. Mateyka and Robert G. Latimer]. July 1966. [2]+8 p. il. 4°
- 14533 42. Commercial Corn Belt farms, 1965; [by Paul E. Rosenberry]. July 1966. [2]+10 p. il. 4°

•For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
•Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

- ERS (series). † A 93.21: (nos.)
- 14534 205, supp. 1. Marketing economics research publications, reference list; [by Marketing Economics Division]. [May 1966.] ii+10 p. 4°  
L.C. card Agr 65-255
- 14535 270. Rural home financing through voluntary home mortgage credit program; [by Lawrence A. Jones]. [July 1966.] iv+22 p. il. 4°  
L.C. card Agr 66-263
- 14536 274. Proceedings of workshop-seminar on market development and promotion for agricultural products, University of California, Berkeley, Calif., June 21-25, 1965. [1966.] cover title, vi+126 p. il. 4° [Text on p. 2 of cover.] ● Item 42-1  
L.C. card Agr 66-262
- 14537 286. Farm population, estimates for 1965. Apr. 1966. 4 p. 4° (Human Resources Branch, Economic Development Division.)
- 14538 287. Variability of wheat yields in Great Plains; [by Donald K. Larson and Layton S. Thompson]. [June 1966.] [2]+38 p. il. 4° [Prepared in cooperation with Montana Agricultural Experiment Station.]  
L.C. card Agr 66-211
- 14539 291. Ownership changes made by bakery and dairy products companies, 1959-64 [with list of literature cited; by Edward A. Cohn and Lindon N. Crutchfield]. [June 1966.] iv+12 p. 4°  
L.C. card Agr 66-203
- 14540 292. Changed market for U.S. cigar leaf tobacco; [by Clarence L. Hendrickson]. [July 1966.] 28 p. il. 4°  
L.C. card Agr 66-208
- 14541 294. Recreation facilities and services operated by FHA borrowers; [by Judith M. Huff and Hugh A. Johnson]. [June 1966.] iv+12 p. 4°  
L.C. card Agr 66-282
- 14542 296. Feasibility of establishing alfalfa dehydrating plants in Northwest resource conservation development project areas [with selected references; by J. Wayne McArthur and Gary C. Taylor]. [July 1966.] iv+14 p. il. 4°  
L.C. card Agr 66-284
- 14543 299. Crambe abyssinica, bibliography, 1845-65; [compiled by Ray Corkern]. [July 1966.] ii+9 p. 4°  
L.C. card Agr 66-261

- ERS-foreign (series). † A 93.21/2: (nos.)
- 14544 159. Foreign agriculture economics: Cyprus' agricultural economy in brief; [by Henrietta Holm Tegeler. July 1966. 9 p. il. 4° (Foreign Regional Analysis Division.)  
L.C. card Agr 66-264
- 14545 161. Europe and Soviet Union agricultural situation, midyear review; [prepared in Europe and Soviet Union Branch]. July 1966. 8 p. 4° (Foreign Regional Analysis Division.)
- 14546 162. Far East and Oceania agricultural situation, midyear review; [prepared in Far East Branch]. July 1966. 16 p. 4° (Foreign Region Analysis Division.)
- 14547 Farm-mortgage lending experience of 20 life insurance companies, Federal land banks and Farmers Home Administration, July-Dec. 1965, and calendar year 1965. July 1966. 12 p. 4° (FML-16; Farm Production Economics Division.) † A 93.9/5: 16
- 14548 Farm real estate market developments, CD-68. July 1966. 44 p. il. 4° [Semiannual.] † ● Item 42-A A 93.9/4: 68

## EDUCATION OFFICE, Health, Education, and Welfare Dept. Washington, D.C. 20202

- 14549 Education in Spain, educational data [with list of selected references by] Ellen M. Doherty in collaboration with George A. Male. [1966.] [31]+36 p. il. (OE-14034-79.) \* Paper, 20c. ● Item 460-A-14  
L.C. card HEW 66-138 FS 5.214: 14034-79
- 14550 Educational developments in Congo (Leopoldville); by Betty George. [1966.] x+[2]+196 p. il. (OE-14109; Bulletin 1966, no. 1.) [Text on p. 2 of cover.] \* Paper, 70c. ● Item 460-A-14  
L.C. card HEW 66-137 FS 5.214: 14109
- 14551 Equality of educational opportunity: [sec. 1-sec. 9.9]; by James S. Coleman [and others]. [1966.] vi+737 p. il. 4° (OE-38001; [National Center for Educational Statistics].) [Report of survey, submitted to the President and Congress under sec. 402 of Civil rights act of 1964. Section 1 also issued separately as OE-38000.] \* Paper, \$4.25. ● Item 460-A-38  
L.C. card HEW 66-127 FS 5.238: 38001

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1966

- 14552 — sec. 9.10, Correlation tables, supplemental appendix to survey. [1966.] vii+548 p. 4° (Oe-38001, supplement; [National Center for Educational Statistics].) [OE number incorrectly given on title page as 380001.] \* Paper, \$3.00. ● Item 460-A-38  
L.C. card HEW 66-127 FS 5.238: 38001/supp.
- 14553 Foreign curriculum specialists, overseas projects in education. [1966.] [2]+4+[1] p. narrow 8° ([OE-14129.]) † ● Item 460-A-14  
FS 5.214: 14129
- 14554 Instructions for title 1, 1967 application forms, Public law 89-10, Elementary and secondary education act of 1965. June 17, 1966. cover title, [1]+20 p. 4° (OE-37003.) † ● Item 460-A-37 FS 5.237: 37003
- 14555 National Teacher Corps, guidelines. [1966.] [6]+1-1a, 2-28 p. 4° †  
FS 5.6/2: N 21
- 14556 New construction and rehabilitation on college campuses, 1961-62, 1962-63, and 1963-64; [by] Leslie F. Robbins. [1966.] viii+79 p. il. 4° (OE-51011; [National Center for Educational Statistics].) [Text on p. 2 of cover.] \* Paper, 50c. ● Item 460-A-51 FS 5.251: 51011
- 14557 Office of Education records handbook, standard filing system. [Revised June 1, 1966.] [1966.] cover title, [5]+89+[5] p. il. 4° (OE-11003-A; Office of Administration.) [Prepared with technical assistance of General Services Administration, National Archives and Records Service, Office of Records Management. Issued in looseleaf form with marginal index tabs on divider sheets showing titles.] † ● Item 460-A-11  
FS 5.211: 11003-A
- 14558 1967-68 opportunities abroad for teachers under international educational and cultural exchange program, teaching, summer seminars. [1966.] iii+20 p. (OE-14047-68.) [Text on p. 2 of cover.] † ● Item 460-A-14  
FS 5.214: 14047-68
- 14559 Progres de l'instruction publique aux Etats-Unis d'Amerique, 1965-66, rapport de l'Office de l'Education, U.S. Department of Health, Education, and Welfare, a 29th Conference Internationale de l'Instruction Publique, Geneve, Suisse, du Juin au 9 Juillet 1966, sous les auspices de l'Organisation des Nations Unies pour l'Education, la Science et la Culture et du Bureau International de l'Education [with bibliography]. [1966.] vi+71 p. il. 4° (OE-10005-66-B.) \* Paper, 50c. FS 5.210: 10005-66-B
- 14560 Progreso de la instrucción pública en los Estados Unidos de América, 1965-66, informe presentado por la Oficina Federal de Educación, Secretaría de Salubridad, Educación y Asistencia Social de los Estados Unidos de América ante la 29th Conferencia Internacional de Educación Pública, celebrada en Ginebra, Suiza, del 27 de Junio al 9 de Julio de 1966, patrocinada conjuntamente por la Organización de las Naciones Unidas para la Educación, la Ciencia y la Cultura y la Oficina Internacional de Educación [with bibliography]. [1966.] vi+71 p. il. 4° (OE-10005-66-D.) \* Paper, 50c. FS 5.210: 10005-66-D
- 14561 Progress of public education in United States, 1965-66, report of Office of Education, Department of Health, Education, and Welfare to 29th International Conference on Public Education, Geneva, Switzerland, June 27-July 9, 1966, jointly sponsored by United Nations Educational, Scientific and Cultural Organization and International Bureau of Education [with bibliography]. [1966.] vi+72 p. il. 4° (OE-10005-66-C.) [Printed in Russian.] \* Paper, 50c.  
L.C. card E 56-120 FS 5.210: 10005-66-C
- 14562 Publications of Office of Education 1966; prepared by Bobbie Doud. [1962, revised June 1966.] [1966.] vii+60 p. (OE-11000D.) \* Paper, 30c. ● Item 460-A-11 FS 5.211: 11000-D
- 14563 Review of activities in Federally aided programs, vocational & technical education, fiscal year 1964. [1966.] v+74 p. 4° ([OE-80008-64.]) \* Paper, 45c. ● Item 460-A-80 FS 5.280: 80008-64



## GOVERNMENT PUBLICATIONS

- 14564 Social science in Soviet secondary schools, syllabus of new course; by staff of Eastern Europe Unit, Comparative Research Branch. [1966.] iii+23 p. (OE-14124.) \* Paper, 15c. ● Item 460-A-14  
L.C. card HEW 66-131 FS 5.214: 14124
- 14565 Textbooks for Soviet schools; compiled by Nellie Apanasewicz in collaboration with Seymour M. Rosen. [1966.] [1]+ii+14 p. (OE-14123.) \* Paper, 15c. ● Item 460-A-14  
L.C. card HEW 66-132 FS 5.214: 14123
- 14566 White House Conference on Education. [1965.] 16 p. il. large 4° ([OE-10035.]) [Reprinted from American education.] \* Paper, 25c.  
FS 5.210: 10035

### EMPLOYMENT SECURITY BUREAU, Labor Dept. Washington, D.C. 20210

- 14567 Current employment market for engineers, scientists, and technicians; [prepared by Norma F. Ausmus and Alvin W. Saile]. [July 1966.] cover title, iii+31 p. il. 4° †  
L.C. card L 62-59 L 7.63/2: 966
- 14568 Developments in community employment program. [1966.] 21 p. il. 4° † ● Item 755 L 7.2: C 73/966
- 14569 Occupations in care and rehabilitation of mentally retarded [with bibliography; by Randolph M. Gregg and Milton R. Boss]. [1966.] cover title, [6]+76 p. il. ([United States Employment Service.]) [Includes list of selected occupational information publications.] † ● Item 755  
L.C. card 66-62544 L 7.2: M 52

### 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, D.C. 20310, Attention Publications Office.

- 14570 Annual report of Chief of Engineers, Army, on civil works activities, fiscal year 1965, v. 1. [1966.] xxxv+120 p. il. [Also issued as H. doc. 324, pt. 1, 89th Cong. 2d sess.] \* Paper, 45c. ● Item 334  
L.C. card 15-4908 D 103.1: 965/v.1
- 14571 Beach erosion control study, St. Johns County, Fla., letter from chief of engineers, Army, submitting report; July 11, 1966. 1966. vii+53 p. il. 7 pl. 4° [Also issued as S. doc. 97, 89th Cong., 2d sess.] † ● Item 334-A D 103.22: Sa 2j/2
- 14572 Hurricane survey of northwest Florida coast, letter from chief of engineers, Army, submitting report on interim hurricane survey [with bibliography]; July 11, 1966. 1966. x+91 p. il. 12 pl. 4° [Also issued as H. doc. 459, 89th Cong., 2d sess.] † ● Item 334-A D 103.22: F 66/9
- 14573 List of publications of Army Engineer Waterways Experiment Station, including hydraulic reports of other Corps of Engineer laboratories and reports of hydraulic model investigations sponsored by other Corps of Engineers offices [new and revised pages]; Jan. 1, 1966. Army-MRC Vicksburg, Miss. [1966.] vi+[100] p. 4° [Issued in looseleaf form.] † Army Engineer Waterways Experiment Station, Post Office Box 631, Vicksburg, Miss. 39180  
L.C. card 50-60820 D 103.24/6: 965/rev. pages
- Transportation series. ● Item 343
- 14574 3. Transportation lines on Great Lakes system, 1966; prepared by Board of Engineers for Rivers and Harbors. 1966. ix+53 p. oblong 8° \* Paper, 40c.  
L.C. card 36-26222 rev. 3 D 103.10: 3/966

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).

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1966

## — Technical reports.

D 103.24/2: (nos.)

- 14575 2-725. Designs for rubble-mound breakwaters, Dana Point Harbor, Calif., hydraulic model investigation; by Y. B. Dai R. A. Jackson. Army-MRC, Vicksburg, Miss., June 1966. ix+23+5+[2] p. il. 10 pl. 11 p. of pl. 4 tab., 4° [Sponsored by Army Engineer District, Los Angeles.] ‡
- 14576 6-454. Investigation of improved Carlson stress meter: report 2. Supplementary tests; by E. E. McVoy, jr. Army-MRC Vicksburg, Miss., July 1966. ix+11+[10] p. il. 4° ‡

## ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, Commerce Dept., Washington, D.C. 20235

- 14577 ESSA symposium on earthquake prediction, Rockville, Md., Feb. 7-9, 1966. 1966. v+167 p. il. 4° \* Paper, \$1.00. ● Item 208-B-1  
L.C. card 66-62263 C 52.2: Ea 7
- ESSA world [official employee publication; John M. Overstreet, editor]. [Quarterly.] † C 52.14: (date)
- 14578 July 1966—
- Key to meteorological records documentation. ● Item 275-C  
C 30.66/2: (nos.)
- 14579 5.38. Catalogue of meteorological satellite data, Tiros VIII television cloud photography, pt. 3 [with list of references]. 1966. ii+18+[49] p. il. 4° (Environmental Data Service.) \* Paper, 45c.  
L.C. card 65-65647
- 14580 5.311. Catalogue of meteorological satellite data, ESSA 1 television cloud photography, pt. 1. 1966. [1]+28+[169] p. il. 4° (Environmental Data Service.) \* Paper, \$1.00.
- 14581 World weather records, 1951-60; v. 2, Europe. 1966. vii+547 p. map. (Environmental Data Services.) \* Cloth \$3.00. ● Item 275  
L.C. card 59-65360 C 30.2: W 89/951-60/v.2

## EQUAL EMPLOYMENT OPPORTUNITY COMMISSION Washington, D.C. 20506

NOTE.—The Equal Employment Opportunity Commission was established by Public Law 88-352, 88th Congress, approved July 2, 1964 (78 Stat. 241; 42 U.S.C. 2000a).

Digest of legal interpretations issued or adopted by Commission, compilation; prepared by Office of General Counsel. [Quarterly.] †  
Y3.Eq 2: 10/ (date)

- 14582 965-1— July 2-Oct. 8, 1965—

## FAMILY SERVICES BUREAU, Health, Education, and Welfare Dept. Washington, D.C. 20201

### [P.A. reports.]

FS 14.213: (nos.)

- 14583 57. Les groupes a l'aide de l'individu, 6 rapports d'informations générales présentés au Seminaire des Services par Groupes, Avril 19-23, 1965. [1966.] v+81 p. [For English edition, see Monthly catalog, Oct. 1965, entry 16138.] \* Paper, 30c.
- 14584 57. Ayudando a la gente en grupos, 6 documentos de trabajo presentados en el Seminario sobre Servicios de Grupo, Abril 19-23, 1965. [1966.] iv+79 p. [For English edition, see Monthly catalog, Oct. 1965, entry 16138.] \* Paper, 30c.
- 14585 Progress report on staff development for fiscal year 1965. June 1966. [22] p. 4° [Issued with perforations.] † FS 14.220: 965
- 14586 Public assistance, costs of State and local administration, services, and training, calendar year 1965. July 12, 1966. [12] p. oblong 8° (Division of Research.) [Issued with perforations.] †  
FS 14.202: P 96/7/965-2
- 14587 — vendor payments for medical care by type of service, calendar year 1964. Aug. 3, 1965. [14] p. oblong 8° (Division of Program Statistics and Analysis.) [Issued with perforations.] †  
L.C. card HEW 62-152 FS 14.202: M 46/964

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 35

# GOVERNMENT PUBLICATIONS

- 14588 Working with groups, guide for administration of group services in public welfare [with selected reading list]; by Marjorie Montelius. [1966.] iv+57 p. ([BFS 13-24/Professional.]) \* Paper, 25c. ● Item 468-B-3 L.C. card HEW 66-133 FS 14.208: G 91

## FARMER COOPERATIVE SERVICE, Agriculture Dept. Washington, D.C. 20250

- Bulletin reprints. † A 89.3/a: (nos.)
- 14589 2. Supply cooperatives: [by Warren Mather and Staff, Farm Supplies Branch]. [1966.] cover title, 49 p. il. [Reprint from FSC bulletin 1, Farmer cooperatives in United States. Contents on p. 2 of cover; page 49, last page of text, printed on p. 3 of cover. Text on p. 2 of cover.]
- 14590 3. Basic cooperative features; [by Joseph G. Knapp]. [1966.] [31]+11 p. il. [Reprint from FSC Bulletin 1, Farmer cooperatives in United States, revised 1965.]
- 14591 4. Agricultural cooperation, pioneer to modern; [by Martin A. Abrahamsen]. [1966.] iii+23 p. il. [Reprint from FCS bulletin 1, Farmers cooperatives in United States, revised 1965.]
- 14592 5. Communications vital to cooperatives; [by Beryle E. Stanton]. [1965.] [2]+14 p. il. [Reprint from FSC bulletin 1, Farmer cooperatives in United States, issued 1965.]
- 14593 Cooperatives, partners in American life, proceedings of Cooperative Month observance, Oct. 1965. [July 1966.] cover title, iv+116 p. il. 4° † ● Item 65-C L.C. card 66-62432 A 89.2: C 78

### General report.

- 14594 134. Statistics of farmer cooperatives, 1963-64; by Bruce L. Swanson. [July 1966.] vi+24+[1] p. 4° † ● Item 65-A A 89.11: 134

### News for farmer cooperatives, reprint.

- 14595 316. Bargaining cooperatives look to future; [by Walter M. Furbay]. [1966.] [4] p. il. 4° † A 89.8/a: 316

## FARMERS HOME ADMINISTRATION, Agriculture Dept. Washington, D.C. 20250

- 14596 Mid-Hudson rural development. June 1966. cover title, [1]+12+[14] p. il. 4° † A 84.2: H 86
- 14597 Press reports, building rural America, rural areas development. [July 1966.] cover title, iii+51 p. il. 4° † A 84.2: P 92

## FEDERAL AVIATION AGENCY Washington, D.C. 20553

- 14598 FAA Academy catalog. [1966.] ix+240 p. il. † Federal Aviation Aeronautical Center, Oklahoma City, Okla. FAA 1.2: F 31/3

### Federal aviation regulations. [Issued in looseleaf form.]

- FAA 1.6/8: (nos.)
- 14599 pt. 33. Airworthiness standards, aircraft engines, Change 2 [effective] July 6, 1966. [1966.] [8] p. 4° [Incorporates Amendment 33-2.] †
- 14600 pt. 43. Maintenance, preventive maintenance, rebuilding, and alteration, Change 6, [effective] July 6, 1966. [1966.] [6] p. 4° [Incorporates Amendment 43-6.] †
- 14601 pt. 45. Identification and registration marking, Change 2, [effective] July 21, 1966. [1966.] [3] leaves+4 p. 4° [Incorporates amdt. 45-2.] †
- 14602 pt. 61. Certification: Pilots and flight instructors, Change 15 [effective] July 6, 1966. Aug. 15, 1966. [20] p. 4° [Incorporates amdt. 61-21.] † ● Item 431-C-13
- 14603 pt. 63. Same: Flight crewmembers other than pilots, Change 5, [effective] July 1 and 6, 1966 [and] Aug. 15, 1966. [1966.] [10] p. 4° [Incorporates Amendment 63-4.] †
- 14604 pt. 65. Same: Airmen other than flight crewmembers, Change 7; [effective] Aug. 15, 1966. [1966.] [10] p. 4° [Incorporates Amendment 65-8.] †
- 14605 pt. 67. Medical standards and certification, Change 5, [effective] July 16, 1966. [1966.] [8] p. 4° [Incorporates amdt. 67-5.] †
- 14606 pt. 77. Objects, affecting navigable airspace, Change 1; [effective] July 12, 1966. [1966.] [10] p. 4° [Incorporates amendment 77-2.] †
- 14607 pt. 95. IFR altitudes. [1966.] cover title, [16] p. il. 4° [Reissued to include subparts B and D.] \* Paper, 20c. ● Item 431-C-13

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



# OCTOBER 1966

- 14608 pt. 103. Transportation of dangerous articles and magnetized materials, Change 2, [effective] July 31, 1966. [1966.] [4]+6 p. 4° [Incorporates amdt. 103-2.] †
- 14609 pt. 121. Certification and operations: Air carriers and commercial operators of large aircraft, Change 13; [effective] June 30, 1966. [1966.] [18] p. 4° [Incorporates amdt. 121-20.] †
- 14610 Same: Change 14; [effective] Sept. 8, 1966. [1966.] [12] p. 4° [Incorporates amdt. 121-21.] †
- 14611 pt. 127. Certification and operations of scheduled air carriers with helicopters, Change 5 [effective] July 6, 1966. [1966.] [8] p. 4° [Incorporates amdt. 127-5.] †
- 14612 Same: Change 6, [effective] Sept. 8, 1966. [1966.] [11] p. 4° [Incorporates amdt. 127-6.] †
- 14613 pt. 133. Rotorcraft external-load operations, Change 2; [effective] July 6, 1966. [1966.] [12] p. 4° [Incorporates Amendment 133-2.] †
- 14614 pt. 145. Repair stations, Change 6, [effective] July 6 and Sept. 8, 1966. [1966.] [16] p. 4° [Incorporates Amendments 145-6 and 145-7.] †
- 14615 pt. 149. Parachute lofts, Change 1; [effective] July 1966. [1966.] [6] p. 4° [Incorporates Amendment 149-1.] †
- 14616 pt. 157. Notice of construction, alteration, activation, and deactivation of airports. Revised Mar. 2, 1966. [1966.] cover title, [6] p. 4° \* Paper, 15c.
- 14617 pt. 183. Representatives of administrator, Change 1, [effective] July 6, 1966. [1966.] [7] p. 4° [Incorporates Amendment 183-1.] †
- 14618 Status of Federal aviation regulations. July 1, 1966. 2+[1] p. 4° †  
FAA 1.18: 966-3

## FEDERAL COMMUNICATIONS COMMISSION Washington, D.C. 20554

- 14619 Rules and regulations, v. 2, May 1966. [1966.] cover title, 116 p. 4° [Issued in looseleaf form. Supersedes Jan. 1964 edition.] \* Paper, \$2.00 (including basic volume and supplementary material for an indefinite period); 75c. additional for foreign mailing. ● Item 287  
L.C. card 60-61384 CC 1.6/2: 966  
Includes—Part 2, Frequency allocations radio treaty matters, general rules and regulations.—Part 15, Radio frequency devices.—Part 18, Industrial, scientific, and medical equipment.
- 14620 Statistics of principal domestic and overseas telegraph carriers reporting annually to Commission, as at Dec. 31, 1965 and for year then ended. [1966.] [4] leaves f°, folded into oblong 12° †  
L.C. card 56-60371 CC 1.41: 965
- 14621 Statistics of telephone carriers reporting annually to Commission as at Dec. 31, 1965 and for year then ended. [1966.] [4] leaves narrow f°, folded into oblong 12° †  
CC 1.14/2: 965

## FEDERAL CREDIT UNIONS BUREAU, Health, Education, and Welfare Dept., Washington, D.C. 20201

- 14622 Federal credit union program, 1965 annual report [31st anniversary]. [1966.] viii+88 p. il. 4° (FCU-561.) † ● Item 525 FS 3.301: 965

## FEDERAL DEPOSIT INSURANCE CORPORATION Washington, D.C. 20429

- 14623 Control of time and savings deposits, address by K. A. Randall, chairman, Federal Deposit Insurance Corporation, Washington, D.C., before Southwestern Graduate School of Banking, Southern Methodist University, Dallas, Tex., July 27, 1966. [1966.] [1]+15 leaves, 4° †  
Y 3.F 31/8: 10 R 15

### Report of call.

- 14624 74. Assets, liabilities, and capital accounts, commercial and mutual savings banks, Dec. 31, 1965. [1966.] cover title, 42 p. oblong 8° [Call no. 73, Oct. 13, 1965, not tabulated for all banks.] †  
Y 3.F 31/8: 9/73

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

FEDERAL EXTENSION SERVICE, Agriculture Dept.  
Washington, D.C. 20250

- 14625 Directory of publications available on foreign trade and markets; compiled by Dana G. Dalrymple. June 1966. [4]+9 p. 4° (Mimeo D-22; [MUS-60(5/66)].) †  
L.C. card 66-62555 A 43.34/2: F 76
- 14626 How extension spends its time and with whom. [Feb. 1966.] [2] p. il. oblong 8°, folded into narrow 8° †  
A 43.21: Ex 8/3

FEDERAL HOME LOAN BANK BOARD  
Washington, D.C. 20552

- 14627 FSLIC-insured savings and loan associations average annual dividend rates paid, Dec. 31, 1965. [Mar. 1966.] [4] p. 4° ([Operating Analysis Division.]) †  
FHL 1.21: 965
- 14268 Nonfarm mortgage investments of life insurance companies, 1965. [July 1966.] cover title, 8 p. il. ([Operating Analysis Division, Data Processing.]) †  
L.C. card 51-16791 FHL 1.18: 965

FEDERAL HOUSING ADMINISTRATION, Housing and Urban  
Development Dept., Washington, D.C. 20411

- 14629 FHA financing for home purchases and home improvements. Revised May 1966. [1966.] [12] p. il. narrow 8° (FHA 428; Consumer bulletin.) \* Paper, 10c. ● Item 589-A HH 2.6/6: H 75/3/966
- 14630 FHA value-costs and maximum mortgage amounts for 1-, 2-, 3-, and 4-family residences, specified statutory or administrative limits for: sec. 203(b) Occupant and nonoccupant mortgagors; sec. 203(b) Veteran occupant mortgagors; sec. 220(d) (3) (A) Urban renewal areas [areas]; sec. 222, Servicemen occupant mortgagors, pts. 1-5. [1966.] [63] p. 4° (FHA 426, revised June 1966.) † ● Item 589 HH 2.2: M 84/4/966
- 14631 Land-use intensity standards, LUI scale and zoning, [by] Byron R. Hanke, chief land planner, Federal Housing Administration. [1966.] 24 p. il. 4° [Paper presented at 1965-66 conferences of American Institute of Planners, American Society of Civil Engineers, American Society of Planning Officials, California League of Cities and National Association of Home Builders. Issued with perforations.] † ● Item 589 HH 2.2: L 22
- 14632 [Minimum property standards for 1 and 2 living units], interim revision 31. June 1966. [1]+6+[1] p. il. 4° [Issued in looseleaf form.] †  
● Item 593 HH 2.17/4: 965/rev. pages

FEDERAL MARITIME COMMISSION  
Washington, D.C. 20573

- FMC-SP (series). † FMC 1.9: (nos.)
- 14633 66-13. Terminals, foreign trade and Federal Maritime Commission, appraisal, address by John Harlee, chairman of Federal Maritime Commission, before annual convention of American Association of Port Authorities, Detroit, Mich., Sept. 14, 1966. [1966.] 5 p. 4°
- 14634 66-15. Legal barriers, if any, inhibiting realization of intermodal coordinated transportation of cargo moving in ocean foreign commerce of United States, remarks of Edward Schmeltzer at 1966 annual convention of Federal Bar Association, Counsel for Transportation and Communication Law, Sept. 9, 1966. [1966.] 4 p. 4°

FEDERAL MEDIATION AND CONCILIATION SERVICE  
Washington, D.C. 20427

- 14635 Federal Mediation and Conciliation Service, 18th annual report, fiscal year 1965. 1966. vi+85 p. il. \* Paper, 40c. ● Item 433  
L.C. card 49-45739 FM 1.1: 965

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

**FEDERAL REGISTER OFFICE, General Services Administration  
Washington, D.C. 20408**

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 1965 pocket supplements for use during 1966 and any completely revised volumes issued in 1966 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.

- 14636 Code of Federal regulations: title 1 [General provisions], title 2 [Congress], title 3 [the President], revised as of Jan. 1, 1966. [1966.] viii+611 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1966, with ancillaries.] \*Paper, \$1.75. ● Item 572  
L.C. card 49-46198 GS 4.108:1-3/966

**FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS  
Washington, D.C. 20551**

- 14637 Monetary policy and allocation of commercial bank credit, remarks by Andrew F. Brimmer, member, Board of Governors of Federal Reserve System, before Vermont-New Hampshire School of Banking, Amos Tuck School of Business Administration, Dartmouth College, Hanover, N.H., Sept. 11, 1966. [1966.] [1]+21 leaves, 4° † FR 1.23: B 77/4
- 14638 Recent credit and monetary developments. [1966.] [1]+937-949 p. il. 4° [Reprinted from Federal Reserve bulletin, July 1966.] † FR 1.3/a: C 86/22

Regulation (series). †

- 14639 D. [Reserves of member banks], supplement, effective as to member bank in reserve cities Sept. 8, 1966, and as to all other member banks Sept. 16, 1966. [1966.] 1 p. FR 1.6: D 962/supp.-4
- 14640 Q. Payment of interest on deposits, amendment, effective July 20, 1966. [1966.] 1 p. FR 1.6: 937/Q/amdt. 8
- 14641 Q. Maximum rates of interest payable on time and savings deposits by member banks, supplement to regulation Q, sec. 217.6, effective July 20, 1966. [1966.] 1 p. FR 1.6: 937/Q/supp. 7
- 14642 R. Relationships with dealers in securities under sec. 32 of Banking act of 1933, as amended effective July 11, 1966. [1966.] [2]+5 p. [Title 12, Code of Federal regulations, pt. 218.] FR 1.6: R/966-3

**FEDERAL SUPPLY SERVICE, General Services Administration  
Washington, D.C. 20405**

- 14643 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 1966 issue of the Monthly Catalog under Entry number 3052 and in the May 1966 issue under Entry number 7426.

Federal standards. [Issued with perforations.] ● Item 563

NOTE.—Federal standards may be purchased from the General Services Administration, Business Service Center, Region 3, 7th and D Streets SW., 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.

- 14644 22e. Costumer, wearing apparel, wood (general office); May 24, 1966. 1966. 1 p. 4° (FSC 7195.) [AA-C-556, issued in effect. Supersedes Fed. std. 22d, Apr. 2, 1965.] † Paper, 5c. GS 2.8/3: 22e

Federal test method standards. [Issued in looseleaf form.] ● Item 563

NOTE.—Federal test method standards may be purchased from the General Services Administration, Specifications Activity, Printed Materials Supply Division, Building 197, Naval Weapons Plant, 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.

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries



# GOVERNMENT PUBLICATIONS

## Federal test method standards—Continued

- 14645 501a. Floor coverings, resilient, nontextile: Sampling and testing; June 15, 1966. [1966.] cover title, [187] p. il. 4° [Supersedes Int. Fed. test method std. 00501, Mar. 12, 1963.] † Paper, \$1.00. GS 2.8/7: 501a
- 14646 General stores stock catalog: Oct. 1966 supplement to Jan. 1966 hand tool section. [1966.] [2]+13 p. 4°. \* Paper, 10c. ● Item 565-B  
GS 2.10/2-2: 966/supp.-3

## FEDERAL TRADE COMMISSION

Washington, D.C. 20580

- 14647 Tire advertising and labeling guides, adopted July 5, 1966 (except guide 15, adopted Mar. 3, 1966.) [1966.] [2]+17 p. (FTC IL 4299 rev.) †  
FT 1.8/2: T 51

## FEDERAL WATER POLLUTION CONTROL ADMINISTRATION, Interior Dept., Washington, D.C. 20242

NOTE.—The Federal Water Pollution Control Administration was transferred from the Department of Health, Education, and Welfare to the Department of the Interior by Reorganization Plan no. 2 of 1966, effective May 10, 1966.

- 14648 Selected summaries of water research. May 1966. 6 p. 4° (Basic and Applied Sciences Program, Cincinnati Water Research Laboratory, Cincinnati, Ohio.) †  
I 67.12: 966/1
- 14649 Southeastern comprehensive project for water pollution control. [June 1966.] [2]+12+[1] p. il. narrow 8° ([WP-14.]) † ● Item 473-A-1  
I 67.2: So 8

## FISH AND WILDLIFE SERVICE, Interior Dept. Washington, D.C. 20240

- 14650 American eagles and their economic status, 1964 [with lists of literature cited; by] E. R. Kalmbach, Ralph H. Imler, and Lee W. Arnold. [1966.] cover title, [6]+51+[2]+35 p. il. (Bureau of Sport Fisheries and Wildlife.) [Comprising introduction, Recent changes in status of American eagles, by John W. Aldrich, and reprints of 2 reports, Bald eagle and its economic status, by Ralph H. Imler and E. R. Kalmbach, Circular 30, 1955, and Golden eagle and its economic status, by Lee W. Arnold, Circular 27, 1954.] †  
L.C. card 66-62548  
I 49.2: Ea 3/2
- Circular.
- 14651 247. Annual report of Bureau of Commercial Fisheries Biological Laboratory, Gulf Breeze, Fla., fiscal year, 1965. May 1966. iii+15 p. il. 4° (Bureau of Commercial Fisheries.) † ● Item 609  
I 49.4: 247
- Fish disease leaflet FDL—(series).
- 14652 5. Parasites of freshwater fishes: 4. Miscellaneous, 6. Parasites of catfishes [with annotated bibliography]; by Fred P. Meyer. Mar. 1966. 7 p. il. 4° (Bureau of Sport Fisheries and Wildlife.) †  
I 49.28/3: 5
- Fishery leaflets. (Bureau of Commercial Fisheries.) † I 49.28: (nos.)
- 14653 583. Plankton [with list of references]; by Louella E. Cable. July 1966. iii+13 p. il. 4° ● Item 611-D
- 14654 589. Shrimp and shrimp fishery of southern United States [with list of publications containing further information; by William W. Anderson]. [Revised Jan. 1966.] [1966.] cover title, 8 p. il. 4°
- 14655 591. Fishery motion pictures. [1966.] cover title, 24 p. il. oblong 32° [Text on p. 2 of cover.]
- Fishery market development series. (Bureau of Commercial Fisheries.)
- 14656 1. Florida fish recipes. [June 1966.] cover title, 16 p. il. [Prepared in cooperation with Florida Board of Conservation and Southeastern Fisheries Association, Inc. Text and other illustrations on p. 1-4 of cover. Some of the illustrations are colored.] \* Paper, 35c. ● Item 611-F  
I 49.49/2: 1
- Refuge leaflets. (Bureau of Sport Fisheries and Wildlife.) †  
I 49.44: (nos.)
- 14657 2. Bear River Migratory Bird Refuge. [1952, last revised 1966.] [1966.] 4 p. il. 4°

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1966

- 14658 25. Aransas National Wildlife Refuge, Austwell, Tex. [Revision 2.] [June 1966.] 61 p. il. 4°
- 14659 49. Mingo National Wildlife Refuge. [Dec. 1959, revised May 1966.] [1966.] [1966.] 4 p. il. 4°
- 14660 51. Santa Ana National Wildlife Refuge. [Jan. 1960, revised May 1966.] [1966.] 4 p. il. 4°
- 14661 61. Rice Lake National Wildlife Refuge. [Mar. 1960, revised Apr. 1966.] [1966.] 4 p. il. 4°
- 14662 112. Birds of Havasu Lake National Wildlife Refuge. [Revision 3.] [July 1966.] 4 p. 4°
- 14663 120. Birds of Santee National Wildlife Refuge. [Revision 2.] [July 1966.] 4 p. 4°
- 14664 125. Birds of Laguna Atascosa National Wildlife Refuge. [Aug. 1954, revised May 1966.] [1966.] 4 p. 4°
- 14665 139. Birds of Bear River Migratory Bird Refuge. [Mar. 1955, revised Mar. 1966.] [1966.] 4 p. 4°
- 14666 174. Birds of Great Meadows National Wildlife Refuge. [Revision 2.] [July 1966.] 3 p. 4°
- 14667 189. Birds of Swan Lake National Wildlife Refuge. [Nov. 1957, revised Mar. 1966.] [1966.] 4 p. 4°
- 14668 216. Birds of William L. Finley National Wildlife Refuge. [June 1966.] 4 p. 4°
- 14669 524. Harris Neck National Wildlife Refuge. [May 1966.] 4 p. il. 4°
- 14670 525. Lake Woodruff National Wildlife Refuge. [May 1966.] [2] p. il. 4°
- 14671 527. Farallon National Wildlife Refuge. [June 1966.] [2] p. il. 4°
- 14672 528. Red Rock Lakes National Wildlife Refuge. [June 1966.] 4 p. il. 4°

## Regulatory announcement.

- 14673 76. Federal regulations governing hunting, possession, transportation, importation of mourning and white-winged doves, wild pigeons, rails, gallinules, woodcock, and Wilson's snipe, and of waterfowl, coots, and cranes in Alaska, 1966-67. Aug. 1966. 16 p. (Bureau of Sport Fisheries and Wildlife.) † ● Item 613 I 49.24:76

## Resource publication. ● Item 613-B

- 14674 13-15. Investigations in fish control: 9, Relation of chemical structure to fish toxicity in nitrosalicylanilides and related compounds [with list of literature cited], by Charles R. Walker, Roland J. Starkey and Leif L. Marking; 10, Evaluation of p,p'-DDT as reference toxicant in bioassays [with list of literature cited], by Leif L. Marking; 11, Evaluation of electronic method of measuring hematocrits of fish [with list of literature cited], by Richard A. Schoettger and Arnold M. Julin. Feb. 1966. [1]+12+10+11 p. il. 4° (Bureau of Sport Fisheries and Wildlife.) † I 49.66:13-15

## Special scientific report: Fisheries (series). (Bureau of Commercial Fisheries.)

- 14675 531. Length-weight relation of summer flounder *Paralichthys dentatus* (Linnaeus) [with list of literature cited]; by Fred E. Lux and L. R. Porter, jr. June 1966. iii+5 p. il. 4° † ● Item 614-B I 49.15/2:531

## — Wildlife (series). (Bureau of Sport Fisheries and Wildlife.) † I 49.15/3: (nos.)

- 14676 94. Birds of Isle Royale in Lake Superior [with list of references]; by Laurits W. Krefting [and others]. June 1966. vi+56 p. il. 4°
- 14677 97. Selected bibliography on red-winged blackbird, life history, economic status, banding, and control; by Brooke Meanley and Roberts T. Mitchell. June 1966. [21]+12 p. 4°

## Statistical digest.

- 14678 58. Fishery statistics of United States, 1964 [with list of statistical publications]; by Charles H. Lyles. 1966. [2]+541 p. il. 4° (Bureau of Commercial Fisheries.) \* Paper, \$2.50. ● Item 615 I 49.32:58

## Technical paper. ● Item 615-A

- 14679 5. Ecology of Gila trout in main Diamond Creek in New Mexico [with list of references]; by Danny M. Regan. Jan. 1966. 24 p. il. 4° (Bureau of Sport Fisheries and Wildlife.) † L.C. card 66-62468 I 49.68:5

## Wildlife leaflet.

- 14680 472. Birds protected by Federal law; compiled [by] Division of Management and Enforcement. May 1966. 4 p. 4° (Bureau of Sport Fisheries and Wildlife.) [Supersedes WL 469, July 1965.] \* Paper, 5c. ● Item 616-B I 49.13:472

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 41

## GOVERNMENT PUBLICATIONS

### FLIGHT STANDARDS SERVICE, Federal Aviation Agency Washington, D.C. 20553

- 14681 Denalt performance computer to find expected rate of climb [and] takeoff distance, use with fixed pitch propeller airplanes. [1966.] ([Operations Division, Safety education series no. 8.]) [Consists of 2 circular plastic cards, 4 in. in diameter, attached to central rivet on which they revolve.] \* 50c. FAA 5.8/2: C 73
- 14682 — use with variable pitch propeller airplanes. [1966.] ([Operations Division, Safety education series no. 8.]) [Consists of 2 circular plastic cards, 4 in. in diameter, attached to central rivet on which they revolve.] \* 50c. FAA 5.8/2: C 73/2
- 14683 Flight test guide: Gyroplane commercial pilot. Revised 1966. [1966.] iv+10 p. narrow 16° ([AC 61-30].) \* Paper, 15c. ● Item 431-F-3  
FAA 5.8/2: G 99/2/966
- 14684 Practice guide for decontaminating aircraft [effective 1966]. [1966.] cover title, [3]+ii+22 p. il. 4° (AC 20-48). † Federal Aviation Agency, Printing Branch, HQ-438, Washington, D.C. 20553. ● Item 431-F-3  
FAA 5.8/2: D 35

### FOOD AND DRUG ADMINISTRATION, Health, Education, and Welfare Dept., Washington, D.C. 20201

- 14685 FDA report on oral contraceptives [with bibliographies]; by Advisory Committee on Obstetrics and Gynecology. Aug. 1, 1966. cover title, iii+104 p. 4° \* Paper, 55c. ● Item 475  
L.C. card 66-62371 FS 13.102: C 76/2

### FOREIGN BROADCAST INFORMATION SERVICE

- 14686 Broadcasting stations of the world [corrected to] June 1, 1966: pt. 1, Amplitude modulation broadcasting stations according to country and city. [20th edition.] [1966.] cover title, [1]+iii+410+x p. 4° [Includes world time chart.] \* Paper, \$2.25. ● Item 856-B  
L.C. card 47-32798 PrEx 7.9: 966/pt.1
- 14687 — pt. 2, Amplitude modulation broadcasting stations, according to frequency. [20th edition.] [1966.] cover title, [1]+iii+404+x p. 4° \* Paper, \$2.25. ● Item 856-B  
L.C. card 47-32798 PrEx 7.9: 966/pt.2
- 14688 — pt. 3, Frequency modulation broadcasting stations. [20th edition.] [1966.] cover title, [1]+iii+142+141 p. 4° \* Paper, \$1.50. ● Item 856-B  
L.C. card 47-32798 PrEx 7.9: 966/pt.3
- 14689 — pt. 4, Television stations. [20th edition.] [1966.] cover title, [1]+iii+xi+217+202 p. 4° \* Paper, \$2.25. ● Item 856-B  
L.C. card 47-32798 PrEx 7.9: 966/pt.4
- 14690 Long live victory of people's war; by Lin Piao. [1966.] [2]+42 p. [Pe-king NCNA International Service in English, 1818 GMT Sept. 2, 1965. Text of article in commemoration of 20th anniversary of victory in Chinese people's war of resistance against Japan.] \* Paper, 25c.  
PrEx 7.2: W 19

### FOREIGN SCHOLARSHIPS BOARD

Operations Staff, c/o Bureau of Educational and Cultural Affairs,  
Department of State Building, Washington, D.C. 20520

NOTE.—The Board of Foreign Scholarships was authorized by the Mutual educational and cultural exchange act of 1961 (Public law 256 of the 87th Congress, 1st session, approved Sept. 21, 1961).

- 14691 Summary of major activities of Board of Foreign Scholarships, Sept. 1965-Aug. 1966 [4th annual report]. [1966.] [7] p. oblong 8° †  
L.C. card 66-62542 Y 3.F 76/4: 1/966

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



OCTOBER 1966

FOREIGN-TRADE ZONES BOARD  
Washington, D.C. 20230

- 14692 Laws, regulations, and other information relating to foreign-trade zones in United States. Reprinted June 1966 with revisions to general information. v+80 p. \* Paper, 35c. • Item 542  
L.C. card 66-62391

FTZ 1.5: F 76/966

FOREST SERVICE, Agriculture Dept.  
Washington, D.C. 20250

- 14693 Forest fire statistics, [calendar year] 1965; prepared by Division of Cooperative Fire Control. [1966.] ii+30 p. il. 4° †  
L.C. card 53-63341 A 13.32/2: 965
- Forest pest leaflets. † • Item 82-A A 13.52:(nos.)
- 14694 1. Western pine beetle [with one reference]; by F. P. Keen. Revised May 1966. [1966.] 4 p. il.
- 14695 100. Heart rots of balsam fir [with list of references]; by Paul V. Mook. July 1966. 6 p. il.  
L.C. card Agr 66-249
- 14696 102. California 5-spined ips [with list of references]; by G. R. Struble. Aug. 1966. 4 p. il. [Supersedes Forest pest leaflet 4, California 5-spined engraver beetle.]
- 14697 National/timber sale accomplishments for fiscal year 1965. [1966.] [8] p. 4° (S-1129.) †  
L.C. card 65-62582 A 13.58: 965
- 14698 Recent publications of Southeastern Forest Experiment Station, Jan.-June 1966. [1966.] 11 p. 4° † Southeastern Forest Experiment Station, P.O. Box 2570, Asheville, N.C. 28802 A 13.63/13: 966
- Research note INT (series). (Intermountain Forest & Range Experiment Station, Ogden, Utah.)
- 14699 INT-45. Controlling soil movement from steep road fills; [by] Nedavia Bethlahmy and W. Joe Kidd, jr. 1966. 4 p. il. 4° † A 13.79: INT-45
- Research note NC-(series). (North Central Forest Experiment Station, St. Paul, Minn.) † A 13.79: NC-(nos.)
- 14700 NC-1. Silvicultural evaluation of 4 methods of marking 2d-growth northern hardwood stands [with list of literature cited; by Rodney D. Jacobs]. [July 1966.] [4] p. 4° [Issued with perforations.]
- 14701 NC-2. Pulpwood chip production and markets in Lake States; [by Eugene W. Forbes]. [July 1966.] [4] p. il. 4° [Issued with perforations.]
- 14702 NC-3. Lake States pulpwood production hampered by adverse weather and labor shortage, 1965; [by Arthur G. Horn]. [July 1966.] [2] p. 4° [Issued with perforations.]
- 14703 NC-4. Minnesota's aspen and its projected supply; [by Richard W. Groff]. [July 1966.] [4] p. il. 4° [Issued with perforations.]
- 14704 NC-5. Performance of 7 seed sources of spruce in central North Dakota; [by David H. Dawson and Paul O. Rudolf]. [July 1966.] [4] p. il. 4° [Issued with perforations.]
- 14705 NC-6. Growth response of seedling yellow birch to humus-mineral soil mixtures; [by Carl H. Tubbs and Robert R. Oberg]. [July 1966.] [2] p. il. 4° [Issued with perforations.]
- 14706 NC-7. Forest-product imports and exports via Great Lakes-St. Lawrence Seaway through upper lakes ports; [by Eugene M. Carpenter]. [July 1966.] [4] p. il. 4° [Issued with perforations.]
- 14707 NC-8. Firebreak maintenance with soil sterilants; [by James K. Brown]. [July 1966.] [4] p. il. 4° [Issued with perforations.]
- Research note SE-(series). Southeastern Forest Experiment Station, Asheville, N.C.) † A 13.79: SE-(nos.)
- 14708 SE-56. Southern yellow pine log overruns; [by Richard C. Rodenbach]. June 1966. [2] p. 4°
- 14709 SE-57. Obtaining individual eggs from egg-mass-depositing insect; [by A. T. Drooz]. June 1966. [2] p. il. 4°
- 14710 SE-58. Technique for rapid collection of balsam woolly aphid eggs [with list of literature cited; by Thomas R. Gentry and Emmett T. Wilson, jr.]. June 1966. [2] p. 4°
- 14711 SE-59. Soil sampling small wetland forest plots in Coastal Plain; [Cortland E. Young, jr.]. June 1966. [2] p. 4°

For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
• Sent to Depository Libraries

Page 43

## GOVERNMENT PUBLICATIONS

- Research paper INT (series). (Intermountain Forest & Range Experiment Station, Ogden, Utah.) † A 13.78: INT-(nos.)
- 14712 INT-23. Timber management issues on Utah's north slope; [by] S. Blair Hutchison [and others]. 1965. iii+23+[1] p. il. 4° [Text on p. 2 of cover.]
- 14713 INT-26. Prescribed fire planning in Intermountain West; [by] William R. Beaufait. 1966. ii+[1]+27 p. il. 4° [Text on p. 2 of cover. Abstract cards inserted.]
- Research paper NC-(series). (North Central Forest Experiment Station.) † A 13.78: NC-(nos.)
- 14714 NC-4. Effect of initial moisture content on performance of hardwood pallets [with list of literature cited; by] Daniel E. Dunmire. June 1966. cover title, 12 p. il. 4° [Text on p. 2 of cover. Abstract cards inserted.]
- 14715 NC-5. Forest genetics and related research at Lake States Forest Experiment Station, annotated bibliography 1924-65; compiled by Paul O. Rudolf. June 1966. cover title, 35 p. 4° [Text on p. 2 of cover. Abstract cards inserted.]
- 14718 NC-6. Joint proceedings, 2d Genetics Workshop of Society of American Foresters and 7th Lake States Forest Tree Improvement Conference, Oct. 21-23, 1965 [with lists of literature cited; edited by L. P. Olsen]. July 1966. cover title, ii+110+[1] p. il. 4° [Text on p. 2 of cover.]
- Resource bulletin CS-(series). (Central States Forest Experiment Station. Columbus, Ohio.) † A 13.80: CS-(nos.)
- 14717 CS-6. Kentucky forests, Pennyroyal Unit; [by] David A. Gansner, Paul S. DeBald. Mar. 1966. [2]+46 p. il. 4° [Prepared in cooperation with Division of Forestry, Kentucky Department of Natural Resources. Text on p. 2-3 of cover.] L.C. card 66-62561
- 14718 CS-7. Kentucky forests, Blue Grass Unit; [by] David A. Gansner, Paul S. DeBald. Mar. 1966. [2]+33 p. il. 4° [Prepared in cooperation with Division of Forestry, Kentucky Department of Natural Resources. Text on p. 2-3 of cover.] L.C. card 66-62562
- 14719 CS-8. Kentucky forests, Western Unit; [by] David A. Gansner, Paul S. DeBald. Mar. 1966. [2]+34 p. il. 4° [Prepared in cooperation with Division of Forestry, Kentucky Department of Natural Resources. Text on p. 2-3 of cover.] L.C. card 66-62563
- 14720 CS-9. Kentucky forests, Western Coalfield Unit; [by] Paul S. DeBald, David A. Gansner. Mar. 1966. [2]+45 p. il. 4° [Prepared in cooperation with Division of Forestry, Kentucky Department of Natural Resources. Text on p. 2-3 of cover.] L.C. card 66-62560

## GENERAL ACCOUNTING OFFICE Washington, D.C. 20548

- 14721 Report to Congress of United States: Audit of Federal Home Loan Bank Board for year ended Dec. 31, 1965; by Comptroller General of United States. Aug. 1966. cover title, [2] leaves +16 p. 4° † Paper, \$1.00. L.C. card 66-62556 GA 1.13: F 31/7/965
- 14722 — Examination of financial statements of Federal home loan banks supervised by Federal Home Loan Bank Board for year ended Dec. 31, 1965; by Comptroller General of United States. Aug. 1966. cover title, [5] leaves +13 p. 4° † Paper, \$1.00. L.C. card 66-62274 GA 1.13: F 31/18
- 14723 — Examination of financial statements of Government Printing Office, fiscal year 1965; by Comptroller General of United States. Aug. 1966. cover title, [12]+12 p. 4° † Paper, \$1.00. L.C. card 66-60575 GA 1.13: G 74/965
- 14724 — Examination of financial statements of Saint Lawrence Seaway Development Corporation, calendar year 1965, Department of Commerce; by Comptroller General of United States. Aug. 1966. cover title, [5]+11 p. 4° † Paper, \$1.00. L.C. card 66-62556 GA 1.13: Sa 2/4/965

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

# OCTOBER 1966

- 14725 — Management of selected time compliance technical orders requiring modifications to engines for F-100 aircraft, Department of Air Force; by Comptroller General of United States. Aug. 1966. [5]+33 leaves, 4° † Paper, \$1.00.  
L.C. card 66-62264 GA 1.13: En 3/11
- 14726 — Need for interservice action when management policies and practices differ for similar supply items, Department of Defense; by Comptroller General of United States. Aug. 1966. cover title, [3] leaves+21 p. 4° † Paper, \$1.00.  
L.C. card 66-62265 GA 1.13: Su 7/19
- 14727 — Need to establish fees for furnishing abstracts of medical records and related services to private parties, Public Health Service, Department of Health, Education, and Welfare; by Comptroller General of United States. Aug. 1966. cover title, [4] leaves+19 p. 4° † Paper, \$1.00.  
L.C. card 66-62266 GA 1.13: M 46/9
- 14728 — Possible dollar savings through expanded use of foreign currencies to transport personal effects abroad, Department of State and other Government agencies; by Comptroller General of United States. Aug. 1966. cover title, [4] leaves+24 p. 4° † Paper, \$1.00.  
L.C. card 66-62267 GA 1.13: C 93/4
- 14729 — Possible savings by discontinuing purchase of public liability insurance covering acquired property, Federal Housing Administration, Department of Housing and Urban Development; by Comptroller General of United States. Aug. 1966. cover title, [3] leaves+17 p. 4° † Paper, \$1.00.  
L.C. card 66-62268 GA 1.13: L 61
- 14730 — Potential reductions in cost of automotive travel by Federal employees where use of Government-owned vehicles is feasible; by Comptroller General of United States. Aug. 1966. [4]+32 leaves, 4° † Paper, \$1.00.  
L.C. card 66-62269 GA 1.13: Au 8/29
- 14731 — Potential savings through improved utilization of space available on administrative military aircraft, Department of Air Force; by Comptroller General of United States. Sept. 1966. cover title, [3] leaves+22 p. 4° † Paper, \$1.00.  
L.C. card 66-62353 GA 1.13: Ai 7/78
- 14732 — Potential savings through improvement in management of materials handling equipment and commercial-design trucks, Marine Corps, Department of Navy; by Comptroller General of United States. Sept. 1966. cover title, [3] leaves+30 p. 4° † Paper, \$1.00.  
L.C. card 66-62470 GA 1.13: M 41/6
- 14733 — Review of change orders and other matters relating to construction of District of Columbia stadium, District of Columbia Armory Board; by Comptroller General of United States. Aug. 1966. cover title, [6]+94 leaves, 4° † Paper, \$1.00.  
L.C. card 66-62322 GA 1.13: D 63/12
- 14734 — Review of charges for diversion of overseas household goods shipments at points in continental United States, Department of Defense; by Comptroller General of United States. Aug. 1966. [5]+32 leaves, 4° † Paper, \$1.00.  
L.C. card 66-62299 GA 1.13: H 81/35
- 14735 — Review of charges for Government-owned quarters at Mount Edgecumbe, Alaska, Public Health Service, Department of Health, Education, and Welfare; by Comptroller General of United States. Aug. 1966. [5]+29 leaves, 4° † Paper, \$1.00.  
L.C. card 66-62300 GA 1.13: A1 1s/5



## GOVERNMENT PUBLICATIONS

- 14736 Report to Congress of United States: Review of maintenance of combat vehicles, Department of Army; by Comptroller General of United States. Sept. 1966. cover title, [4] leaves+37 p. il. 4° † Paper, \$1.00.  
L.C. card 66-62471 GA 1.13: C 73/21
- 14737 — Review of precautions taken to protect commercial dollar sales of agricultural commodities to foreign countries purchasing same type commodities for foreign currencies under Public law 480, Department of Agriculture; by Comptroller General of United States. Aug. 1966. [6]+58 leaves, 4° † Paper, \$1.00.  
L.C. card 66-62270 GA 1.13: C 93/5
- 14738 — Review of program for replacement and procurement of motor vehicles, Post Office Department; by Comptroller General of United States. Aug. 1966. cover title, [4] leaves+20 p. 4° † Paper, \$1.00.  
L.C. card 66-62301 GA 1.13: M 85/7
- 14739 — Savings available by using more economical fuels for heating at certain field stations, Veterans Administration; by Comptroller General of United States. Aug. 1966. cover title, [4] leaves+17 p. 4° † Paper, \$1.00.  
L.C. card 66-62272 GA 1.13: F 95/3

### GENERAL SERVICES ADMINISTRATION Washington, D.C. 20405

- 14740 Economic order quantity, principle and applications, GSA handbook. May 1966. [90] p. il. 4° (FMPR 101-27.1; FSN 7610-543-6765.) \* Paper, 50c. ● Item 559-B GS 1.6/6: Ec 7
- 14741 Federal Fire Council films and slides. Aug. 1966. 3 p. 4° (Federal Fire Council. † GS 1.14/5: F 48
- 14742 Fire safety in, on and around construction projects, including take-over period, by Edgar H. Bolles, Assistant Staff Director, Federal Fire Council.) [Talk presented at National Capital Chapter of American Society of Safety Engineers, May 4, 1965.] † GS 1.14/10: B 63

### GEOGRAPHIC NAMES BOARD, Interior Dept. Washington, D.C. 20240

- Gazetteers. ● Item 617 I 33.8: (nos.)
- 14743 97. Thailand, official standard names gazetteer approved by Board on Geographic Names; prepared in Office of Geography. Apr. 1966. [2]+vi+675 p. il. oblong 8° † Limited distribution, Office of Geography, Interior Dept.  
L.C. card 66-62306
- 14744 101. Sierra Leone, official standard names approved by Board on Geographic Names; prepared in Office of Geography. June 1966. [2]+ii+125 p. il. oblong 8° † Limited distribution, Office of Geography, Interior Dept.  
L.C. card 66-62469

### GEOLOGICAL SURVEY, Interior Dept. Washington, D.C. 20405

- 14745 Annual peak discharge at selected gaging stations in Pacific Northwest, 1965-66. Sept. 8, 1966. 2 leaves, oblong 8° (Water Resources Division.) [Provisional, subject to revision. Issued with perforations.] † I 19.45/3: 965-66
- Bulletins. ● Item 620 I 19.3: (nos.)
- 14746 1202-C. Geology and coal resources of Beluga-Yentna region, Alaska [with list of references cited]; by Farrell F. Barnes. 1966. iv+54+[3] p. il. 7 pl. in pocket. [Reconnaissance evaluation of coal resources of northwestern part of Cook Inlet Tertiary basin. Contributions to economic geology. Three plates are colored. Includes title page and contents to Bulletin 1202.] \* Paper, \$2.50.

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

# OCTOBER 1966

- 14747 1230-F. Mineral resources of Sycamore Canyon primitive area, Ariz. [with list of literature cited]; by Lyman C. Huff, Elmer Santos, and R. G. Raabe. 1966. v+19 p. il. 1 pl. in pocket. [Evaluation of mineral potential of area. Studies related to wilderness.] \* Paper, 50c.
- 14748 1232. Bibliography of North American geology, 1962; [by James W. Clarke and others]. 1966. v+834 p. \* Paper, \$2.50.  
L.C. card GS 24-38

## Circulars. †

I 19.4/2: (nos.)

- 14749 529-A. Water quality of Potomac River estuary at Washington, D.C. [with list of references]; by W. H. Durum and W. B. Langbein. 1966. iii+9 p. il. 4\*
- 14750 533. Regional trends in water-well drilling in United States [with list of references cited]; by Gerald Meyer and G. G. Wyrick. 1966. iii+8 p. il. 4\* ● Item 620-A  
L.C. card GS 66-304
- 14751 534. Gold geochemical anomaly in Cortez district, Nev.; by R. L. Erickson [and others]. 1966. [2]+2+[7] p. il. 4\*  
L.C. card GS 66-303

## Professional paper. ● Item 624.

- 14572 523-E. *Tinsleya*, new genus of seed-bearing callipterid plants from Permian of north-central Texas [with list of references cited]; by Sergius H. Mamay. 1966. iii+15+[5] p. il. 3 pl. 4\* [Tinsleya texana, first known example of seed-bearing foliage in family Callipterideae, is described, biotic relationships and evolutionary implications are discussed. Contributions to paleontology. Includes title page and contents to Professional paper 523-E.] \* Paper, 30c. I 19.16: 523-E

- 14753 Water in Flatland, remarks of Raymond L. Nace, Geological Survey, Department of Interior, before International Water Quality Symposium, Montreal, Canada, Aug. 25, 1966. 1966. 19 p. 4\* † I 19.50: N 11/2

## Water-supply papers. ● Item 625.

I 19.13: (nos.)

- 14754 1798-B. Fluvial sediment on Little Arkansas River basin, Kans. [with list of selected references]; by C. D. Albert and G. J. Stramel. 1966. v+30 p. il. 2 pl. in pocket. [Prepared in cooperation with city of Wichita and Kansas Water Resources Board. Sedimentation in small drainage basins.] \* Paper, 60c.
- 14755 1823. Sedimentation and chemical quality of surface water in Heart River drainage basin, N. Dak. [with list of literature cited] by M. L. Maderak. 1966. v+42 p. il. 1 pl. in pocket [Prepared as part of program of Department of Interior for development of Missouri River basin.] \* Paper, 55c.  
L.C. card GS 66-242
- 14756 1949. Quality of surface waters of United States, 1963: pts. 5 and 6, Hudson Bay and upper Mississippi River basins, and Missouri River basin [with list of literature cited; prepared by personnel of Water Resources Division]. 1966. x+411 p. il. [Prepared in cooperation with Iowa, Kansas, Minnesota, Missouri, Montana, Nebraska, South Dakota, Wisconsin, and Wyoming and with other agencies.] \* Paper, \$1.50.  
L.C. card GS 43-68

## HEALTH, EDUCATION, AND WELFARE DEPARTMENT

Washington, D.C. 20201

- 14757 Community health planning grants for heart disease, cancer, and stroke; [by George E. Goodman, Coy D. Gainey, and Joe Bales Gaber]. [1966.] cover title, 12 p. il. 4\* (Office of Assistant Secretary for Program Coordination.) [Preprint from Health, education, and welfare indicators, Sept. 1966.] \* Paper, 15c. FS 1.20/a: H 351

- 14758 Grants-in-aid and other financial assistance programs administered by Department of Health, Education, and Welfare. 1966 edition. [1966.] xxiv+527 p. 2 tab. 4\* (Office of Program Analysis.) [Supplement to Handbook on Programs of Department of Health, Education, and Welfare.] \* Paper, \$3.50. ● Item 445-A  
L.C. card HEW 61-56 FS 1.6/6: 966

- 14759 Job development and training for workers in health services; [by Charles W. Phillips, Harvey I. Scudder, and Lucy M. Kramer]. [1966.] cover title, 12 p. il. 4\* (Office of Assistant Secretary for Program Coordination.) [Reprint from Health, education, and welfare indicators, Aug. 1966.] \* Paper, 15c. FS 1.20/a: J 575

☛For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 47

# GOVERNMENT PUBLICATIONS

- 14759A Training health service workers, critical challenge, proceedings of Conference on Job Development and Training for Workers Health Services, sponsored by Department of Labor and Department of Health, Education, and Welfare, Washington, D.C. Feb. 14-17, 1966 [with list of selected reference material; prepared by Lucy M. Kramer, assisted by Marguerite Waxler and Nancy Lindsay]. [1966.] v+102 p. il. 4° [Issued from Office of Assistant Secretary for Education, Health, Education, and Welfare Dept., and Manpower Administration, Labor Dept. Text on p. 2 of cover. Errata sheet, 1 p. large 8°, issued also.] \* Paper, 60c. ● Item 445  
L.C. card 66-62438 FS 1.2: H 34/9 & errata

## HOUSING AND URBAN DEVELOPMENT DEPARTMENT Washington, D.C. 20410

- 14760 Demonstration cities program, why it is needed, what it is, how it could work in a city of 1,000,000; 100,000; 10,000. [1966.] [1]+15 p. 4° †  
● Item 582  
L.C. card 66-62553 HH 1.2: D 39
- 14761 Urban planning assistance program, project directory, sec. 701, title 7, Housing act of 1954, as amended. Dec. 31, 1965. cover title, 123 p. 4° [Table of contents on p. 2 of cover.] †  
L.C. card 62-64888 HH 1.26: 965

## IMMIGRATION AND NATURALIZATION SERVICE, Justice Dept. Washington, D.C. 20536

- 14762 Supplemental index 2 to v. 10 of Administrative decisions under immigration and nationality laws of United States [for Interim decisions nos. 1418-1590]. July 1, 1966. [1]+8 p. \* Paper, 10c. J 21.11/3: 10/ind. 2

## INDIAN AFFAIRS BUREAU, Interior Dept. Washington, D.C. 20240

- 14763 Indians of the Dakotas. [1966.] cover title, 20 p. il. oblong 24° [Text on p. 2 and 3 of cover.] \* Paper, 15c. ● Item 627-A  
L.C. card 66-62392 I 20.51: D 14
- 14764 Indians of Gulf Coast States. [1966.] cover title, 20 p. il. oblong 24° [Text on p. 2-3 of cover.] \* Paper, 15c. ● Item 627-A  
L.C. card 66-62392 I 20.51: G 95
- 14765 Indians of Montana [&] Wyoming. [1966.] cover title, 20 p. il. oblong 24° \* Paper, 15c. ● Item 627-A  
L.C. card 66-62392 I 20.51: M 76
- 14766 Indians of New Mexico. [1966.] cover title, 20 p. il. oblong 24° \* Paper, 15c. ● Item 627-A  
L.C. card 66-62392 I 20.51: N 42m
- 14767 Indians of the Northwest. [1966.] cover title, 16 p. il. oblong 24° [Text on p. 2 of cover.] \* Paper, 15c. ● Item 627-A  
L.C. card 66-62392 I 20.51: N 819

## INTERIOR DEPARTMENT Washington, D.C. 20240

- 14768 Excerpts of remarks by Secretary of Interior Stewart L. Udall during Massachusetts water pollution inspection trip, Sept. 6, 1966. 1966. 2+[1] leaves, 4° †  
I 1.68: Ud 1/39
- 14769 Remarks by J. Cordell Moore, Assistant Secretary, Mineral Resources, Department of Interior, before American Petroleum Institute, Petroleum Statistics Liaison Group, Hershey, Pa., Sept. 8, 1966. [1966.] 6 leaves, 4° †  
I 1.68: M 78/7

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



# OCTOBER 1966

[Saline water] research and development progress report. (Office of Saline Water.) ● Item 604-A-1 I 1.88: (nos.)

- 14770 194. Solar distillation utilizing multiple-effect humidification [with list of notes and references]; by Carl N. Hodges [and others]. May 1966. [4]+ix+159 p. il. 4° ([University of Arizona, Tucson, Ariz.; contract no. 14-01-0001-247.]) \* Paper, \$1.00 L.C. card 66-61832
- 14771 196. Diffusion of electrolytes, principles and practice of diaphragm diffusion technique [with lists of references]; by George J. Janz and George E. Mayor, Rensselaer Polytechnic Institute, Troy, N.Y. Sept. 1966. [3]+46 p. il. 4° ([Contract 14-01-0001-422.]) \* Paper, 35c. L.C. card 66-62529
- 14772 198. Analysis data correlation and optimization of vapor reheat liquid-liquid heat exchange process [final report, with list of references]; by [John C. Orcutt, Forest O. Mixon, and Donald R. Whitaker], Research Triangle Institute, Durham, N.C. Sept. 1966. [6]+vii+61+[19] p. il. 4° ([Contract 14-01-0001-428.]) \* Paper, 50c.
- 14773 201. Pilot plant study to provide improved quality feed water for Webster, S. Dak., electro dialysis plant; by G. R. Bell, Johns-Manville Products Corporation, Research and Engineering Center, Manville, N.J. Aug. 1966. [5]+26+[4] p. il. 4° ([Contract 14-01-0001-616.]) \* Paper, 25c.
- 14774 206. Solute and water transport across biologic membranes [with list of references]; by Neal S. Bricker, Sept. 1966. [2]+28 p. il. 4° \* Paper, 25c. L.C. card 66-62528

## INTERNAL REVENUE SERVICE, Treasury Dept. Washington, D.C. 20224

- 14775 Gasoline, lubricating oil, diesel and special motor fuels, farmers gas tax credit. [1966.] 18 p. il. oblong 32° (Publication 308 (rev. 5-66).) † ● Item 961 T 22.19: G 21/966
- 14776 Looseleaf regulations system: Service 1, Income tax, transmittal 84. June 17, 1966. [108] p. 4° ● Item 961 T 22.19/3: 1/trans. 84  
NOTE.—Service 1 consists of pts. 1, 2, 19, and 152 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$16.00 (including basic material and supplements issued irregularly for approximately 3 years); \$4.00 additional for foreign mailing.
- 14777 — Service 3, Employment tax, transmittal 16. June 3, 1966. [8] p. 4° ● Item 961 T 22.19/3: 3/trans. 16  
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, \$2.75 (including basic material and supplements issued irregularly for approximately 3 years); 75c. additional for foreign mailing.
- 14778 National firearms act and Federal firearms act. [Revised Apr. 1966.] [1966.] [2]+13 p. narrow 12° (Publication 364.) † ● Item 961-A T 22.32: F 51/966
- 14779 Pension trust procedures and guides for qualification under sec. 401(a) and 405(a) of Internal revenue code of 1954. [1966.] cover title, iii+92 p. (Publication 377 (rev. 3-66).) \* Paper, 35c. ● Item 961 T 22.19: P 38/2/966

## INTERNATIONAL COMMERCE BUREAU, Commerce Dept. Washington, D.C. 20230

- 14780 Dynamics of exporting, address by E. E. Schnellbacker, Assistant Director, Bureau of International Commerce, prepared for delivery to Milwaukee Trade Club, Milwaukee, Wis., Sept. 1, 1966. [1966.] 14 p. 4° † C 42.18: Sch 5/16
- 14781 Report from Volunteer unit, executives march ahead, Ghana request shows progress being made by international corps from U.S. business; by Terrance Lindemann. [1966.] [2] p. il. 4° [Reprinted from International commerce, Aug. 1, 1966.] † C 42.8/a: Ex 31
- 14782 Semiannual checklist, Bureau of International Commerce, international business publications. July 1966. 28 p. il. 4° † ● Item 321-D C 42.15: C 41/966
- 14783 U.S. trade centers, Frankfurt, London, Milan, Stockholm, Bangkok, Tokyo. [Aug. 1966.] 6 p. il. 4° † ● Item 231-A C 42.2: T 67/13

†For Sale by Clearinghouse, U.S. Department of  
 Commerce, Springfield, Va. 22151  
 ●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## INTERSTATE COMMERCE COMMISSION

Washington, D.C. 20423

- 14784 Rail carload unit costs by territories for year 1964. July 1966. cover title, [2]+iii+68 p. 4" (Statement 6-66; Bureau of Accounts.) [This study issued as information, has not been adopted by Interstate Commerce Commission. Map on cover.] \* Paper, 45c. ● Item 682-C  
L.C. card A49-1585 IC 1 acco.7: 964

### Railroad accident investigation report.

- 14785 4074. Atlantic Coast Line Railroad Company, S. J. Buchanan, Inc., Branford, Fla., Feb. 28, 1966. [1966.] [3]+8+[2] p. il. (Motor carrier investigation report, 114.) †  
IC 1 acci.5: 4074

## JOINT CHIEFS OF STAFF, Defense Dept.

Washington, D.C. 20301

- 14786 National security management review, highlighting salient developments and problems, Jan. 1965-May 1966 [with list of references]; by Charles H. Donnelly. 1966. viii+200 p. (Industrial College of Armed Forces.) † ● Item 315-A  
L.C. card 66-62436 D 5.13: N 21s/2/965-66
- 14787 National Security Seminar, presentation outlines and reading list, 1966-67 [Gray team]. July 1966. xvi+571 p. il. 4" (Industrial College of Armed Forces.) [Some pages are left blank to be used for notes.] †  
● Item 315-A D 5.9/2: 966-67

## JOINT PUBLICATIONS RESEARCH SERVICE

Washington, D.C. 20443

NOTE.—Titles of JPRS serial reports listed below were issued during the month, but were not cataloged separately.

- 14788-1 Communist China digest, no. 173; JPRS 37161.  
14788-2 Communist Chinese scientific abstracts: Agricultural science and technology, nos. 25-29; JPRS 37080, 37297, 37343, 37469, 37496.  
14788-3 Communist Chinese scientific abstracts: Bio-medical sciences, nos. 128-139; JPRS 37052, 37064, 37090, 37112, 37202, 37232, 37255, 37340, 37392, 37452, 37453, 37545.  
14788-4 Communist Chinese scientific abstracts: Chemistry nos. 29-31; JPRS 37203, 37470, 37503.  
14788-5 Communist Chinese scientific abstracts: Earth sciences, nos. 61-64; JPRS 37053, 37069, 37142, 37473.  
14788-6 Communist Chinese scientific abstracts: Electronics and electrical engineering, no. 32; JPRS 37054.  
14788-7 Communist Chinese scientific abstracts: Engineering and equipment, nos. 42-44; JPRS 37055, 37271, 37341.  
14788-8 Communist Chinese scientific abstracts: Materials science and metallurgy, no. 3; JPRS 37481.  
14788-9 Communist Chinese scientific abstracts: Physics and mathematics, nos. 46-48; JPRS 37296, 37342, 37451.  
14788-10 Cybernetics, USSR, no. 2, 1966; JPRS 37235.  
14788-11 East European scientific abstracts: Bio-medical science, nos. 47-48; JPRS 37178, 37429.  
14788-12 East European scientific abstracts: Cybernetics, computers, and automation technology, no. 16; JPRS 37062.  
14788-13 Economic and geographic translations on Latin America, nos. 43-47; JPRS 37098, 37144, 37262, 37396, 37508.  
14788-14 Genetics, USSR, nos. 5-6, 1966; JPRS 37174, 37248.  
14788-15 Herald of communications, no. 5, 1966; JPRS 37476.  
14788-16 Index of La Stampa and La Stampa sera, nos. 325-329; JPRS 37160, 37168, 37198, 37477, 37478.  
14788-17 Index of Le Monde, no. 75; JPRS 37212.  
14788-18 Military information on Eastern Europe, nos. 140-141; JPRS 37021, 37237.  
14788-19 Political translations on Eastern Europe, nos. 222-228; JPRS 37022, 37066, 37205, 37286, 37316, 37421, 37461.  
14788-20 Press information report on Albania, nos. 180-183; JPRS 37048, 37206, 37310, 37533.  
14788-21 Press information report on Iran, nos. 6-7; JPRS 37079, 37446.  
14788-22 Sociological translations on Eastern Europe, nos. 364-371; JPRS 37025, 37121, 37207, 37251, 37317, 37332, 37424, 37540.  
14788-23 Soviet military translations nos. 305-322; JPRS 37060, 37154, 37157, 37172, 37175, 37185, 37201, 37239, 37299, 37304, 37320, 37345, 37389, 37444, 37459, 37475, 37541, 37562.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



# OCTOBER 1966

- 14788-24 Soviet press materials on arms control and disarmament, no. 5; JPRS 37391.
- 14788-25 Summary of Bulgarian provincial press, nos. 257-261; JPRS 37241, 37333, 37398, 37427, 37435.
- 14788-26 Summary of Czechoslovak provincial press, nos. 366-370; JPRS 37049, 37124, 37337, 37412, 37413.
- 14788-27 Summary of Hungarian provincial press, nos. 414-418; JPRS 37026, 37208, 37253, 37448, 37449.
- 14788-28 Summary of Polish provincial press, nos. 458-461; JPRS 37063, 37195, 37366, 37505.
- 14788-29 Summary of Rumanian provincial press, nos. 353-356; JPRS 37005, 37211, 37334, 37495.
- 14788-30 Translations from Hung-ch'i (Red flag), no. 34; JPRS 37526.
- 14788-31 Translations from Communist, nos. 9-10, 1966; JPRS 37106, 37370.
- 14788-32 Translations of Pravda editorials, USSR, nos. 663-681; JPRS 37012, 37059, 37084, 37110, 37135, 37170, 37200, 37214, 37250, 37268, 37314, 37359, 37371, 37399, 37422, 37455, 37482, 37500, 37550.
- 14788-33 Translations on Africa, nos. 416-430; JPRS 37078, 37093, 37149, 37159, 37194 37204, 37234, 37273, 37290, 37338, 37367, 37387, 37434, 37488, 37529.
- 14788-34 Translations on Communist China: Economic, nos. 8-11; JPRS 37043, 37246, 37432, 37454.
- 14788-35 Translations on Communist China: Political and sociological, nos. 366-369; JPRS 37099, 37400, 37497, 37514.
- 14788-36 Translations on Communist China: Science and technology, nos. 334-343; JPRS 36997, 37083, 37092, 37134, 37233, 37256, 37272, 37401, 37433, 37468.
- 14788-37 Translations on Cuba, nos. 465-481; JPRS 37047, 37051, 37056, 37065, 37095, 37143, 37169, 37213, 37242, 37339, 37349, 37368, 37381, 37442, 37462, 37498, 37510.
- 14788-38 Translations on East European agriculture, forestry, and food industries, nos. 466-473; JPRS 37006, 37067, 37145, 37192, 37252, 37287, 37419, 37506.
- 14788-39 Translations on East European foreign trade, nos. 289-292; JPRS 37146, 37238, 37311, 37531.
- 14788-40 Translations on East European heavy industry, nos. 284-288; JPRS 37147, 37244, 37306, 37463, 37511.
- 14788-41 Translations on East European materials industries, nos. 302-309; JPRS 37000, 37063, 37148, 37245, 37288, 37425, 37490, 37530.
- 14788-42 Translations on East European service industries, nos. 462-467; JPRS 37027, 37122, 37179, 37318, 37437, 37507.
- 14788-43 Translations on economic organization and management in Eastern Europe, nos. 595-603; JPRS 37007, 37109, 37123, 37254, 37289, 37319, 37441, 37447, 37532.
- 14788-44 Translations on international Communist developments, nos. 869-880; JPRS 37004, 37008, 37070, 37094, 37097, 37126, 37199, 37303, 37439, 37474, 37513, 37540.
- 14788-45 Translations on Mongolia, nos. 114-115; JPRS 37081, 37312.
- 14788-46 Translations on Near East, nos. 14-25; JPRS 37003, 37010, 37046, 37050, 37100, 37197, 37247, 37344, 37348, 37410, 37440, 37471.
- 14788-47 Translations on North Korea, nos. 3-10; JPRS 37001, 37044, 37091, 37216, 37267, 37411, 37418, 37563.
- 14788-48 Translations on North Vietnam, nos. 17-27; JPRS 37002, 37045, 37082, 37125, 37158, 37167, 37193, 37249, 37409, 37512, 37539.
- 14788-49 Translations on south and east Asia, nos. 125-129; JPRS 36996, 37113, 37196, 37423, 37509.
- 14788-50 Translations on Soviet education, nos. 35-43; JPRS 37019, 37024, 37184, 37189, 37305, 37336, 37347, 37378, 37538.
- 14788-51 Translations on USSR agriculture, nos. 144-153; JPRS 37107, 37186, 37191, 37264, 37322, 37377, 37360, 37502, 37542, 37547.
- 14788-52 Translations on USSR communications, nos. 71-72; JPRS 37325, 37395.
- 14788-53 Translations on USSR consumer goods and domestic trade, nos. 128-136; JPRS 36998, 37138, 37173, 37188, 37323, 37383, 37445, 37450, 37535.
- 14788-54 Translations on USSR labor, nos. 121-129; JPRS 37013, 37180, 37190, 37263, 37300, 37321, 37346, 37489, 37543.
- 14788-55 Translations on USSR transportation, nos. 130-137; JPRS 37014, 37119, 37137, 37155, 37187, 37240, 37335, 37426.
- 14788-56 USSR economy and industry: Current developments, nos. 8-11; JPRS 37136, 37215, 37420, 37561.
- 14788-57 USSR economy and industry: General information, nos. 16-26; JPRS 37011, 37140, 37171, 37243, 37365, 37382, 37388, 37443, 37458, 37534, 37544.
- 14788-58 USSR industrial development: Automotive and tractor industry, nos. 7-15; JPRS 37015, 37156, 37181, 37269, 37301, 37384, 37457, 37491, 37504.
- 14788-59 USSR industrial development: Chemical industry and machinery, nos. 5-10; JPRS 36999, 37176, 37265, 37324, 37492, 37537.
- 14788-60 USSR industrial development: Construction, construction machinery, and building materials, nos. 9-16; JPRS 37120, 37182, 37230, 37266, 37315, 37326, 37385, 37456.
- 14788-61 USSR industrial development: Electric power, power machinery, and electrical equipment, nos. 7-12; JPRS 37016, 37141, 37231, 37285, 37438, 37501.
- 14788-62 USSR industrial development: Electronics and precision equipment, nos. 5-8; JPRS 37017, 37209, 37327, 37393.
- 14788-63 USSR industrial development: Metallurgy and minerals, nos. 8-15; JPRS 37139, 37183, 37210, 37302, 37328, 37386, 37402, 37536.
- 14788-64 USSR industrial development: Metalworking equipment, nos. 200-201; JPRS 37270, 37472.
- 14788-65 USSR international economic relations, nos. 64-68; JPRS 37018, 37329, 37394, 37548, 37549.

☛For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 51



# GOVERNMENT PUBLICATIONS

- 14788-66 USSR scientific abstracts: Chemistry, nos. 32-33; JPRS 37023, 37177.  
 14788-67 USSR scientific abstracts: Cybernetics, computers, and automation technology, no. 23; JPRS 37380.  
 14788-68 USSR scientific abstracts: Electronics and electrical engineering, nos. 44-45; JPRS 37061, 37479.  
 14788-69 USSR scientific abstracts: Materials science and metallurgy, nos. 6-9; JPRS 37111, 37415, 37428, 37480.  
 14788-70 USSR scientific abstracts: Physics and mathematics, no. 74; JPRS 37330.

JPRS (series).

Y 3.J66: 13/(nos.)

- 14789 32787. New physical and chemical methods of precision machining, USSR; by A. L. Livshits, Nov. 9, 1965, cancellation. Aug. 2, 1966. [2] p. 4°  $\Phi$   
 14790 35311. Errata, Synthesis of nonlinear control laws, USSR; by R. A. Nelepin. June 30, 1966. [2] p. 4°

NOTE.—Errata cancels JPRS 35311 and states that it has been reissued as JPRS 35827.

- 14791 37009. Interview on programmed instruction with Academician A. I. Berg, Chairman of Interdepartmental Scientific Council on Programmed Instruction, USSR. Aug. 15, 1966. [2] p.+3 leaves, 4° [From Sovetskaya kirgiziya, July 26, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33439).  
 14792 37020. Vestnik of USSR Academy of Sciences, v. 36, no. 3, 1966. Aug. 16, 1966. [2]+a-c+343 p. 4°  $\Phi$  Paper, \$7.00 (TT: 66-33450).  
 14793 37028. Scientific activity of practicing physicians in medical higher educational institutes, USSR; by B. M. Cheknev, et al. Aug. 16, 1966. [2] p.+4 leaves, 4° [From Zdravookhraneniye Rossiyskoy Federatsii, v. 10, no. 6, June 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33458).  
 14794 37029. Study of ionospheric layers in infrared spectral region, USSR [with bibliography]; by M. N. Markov, et al. Aug. 16, 1966. [2]+6 p. il. 4° [From Doklady Akademii Nauk SSSR, seriya fizika, matematika, v. 167, nos. 4-6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33459).  
 14795 37030. Numerical model for short-range forecasting of stratiform cloud cover, USSR [with bibliography]; by Yu. G. Lushev, et al. Aug. 16, 1966. [2]+7 p. 4° [From Doklady Akademii Nauk, SSSR, seriya fizika, matematika, v. 167 nos. 4-6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33460).  
 14796 37031. Lunar-solar semi-monthly and monthly tides in seas of Soviet Arctic [with bibliography]; by V. N. Vorobyev. Aug. 16, 1966. [2] p.+5 leaves 4° [From Doklady AN SSSR, seriya fizika, matematika, v. 167, nos. 4-6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33461).  
 14797 37032. Is it possible to influence climate and weather? USSR; by A. M. Cuesv. Aug. 16, 1966. [2]+57 p. il. 4° [From Klimat i pogoda, Moscow, 1966.]  $\Phi$  Paper, \$3.00 (TT: 66-33462).  
 14798 37033. Light measurements in study of primary production in sea, USSR [with bibliography]; by O. I. Koblents-Mishke, et al. Aug. 16, 1966. [2]+11 p. 4° [From Okeanologiya, v. 6, no. 3, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33463).  
 14799 37034. CHENIS container for lowering liquid dye to any sea depths, USSR; by O. L. Stel'makh. Aug. 16, 1966. [2] p.+4 leaves, il. 4° [From Okeanologiya, v. 4, no. 3, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33464).  
 14800 37035. Current measurements with EMIT in Gulf Stream region, USSR [with bibliography]; by O. P. Gorodnichenya. Aug. 16, 1966. [2]+13 p. il. 4° [From Okeanologiya, v. 6, no. 3, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33465).  
 14801 37036. Religious beliefs of Kurdish people of USSR; by T. F. Aristova, et al. Aug. 16, 1966. [2]+10 p. 4° [From Kurdy Zakavkaz'ya, Moscow, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33466).  
 14802 37037. Application of aesthetics and cybernetics in industry, USSR [articles]. Aug. 16, 1966. [2]+a+9 p. 4° [From Pravda, July 21, 1966 and Sovetskaya Latvija June 10, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33467).  
 14803 37038. Coordinating conference on study of earth's crust and upper mantle in eastern regions of USSR (Khabarovsk, Oct. 15-17, 1964); by Ye. A. Radkevich, et al. Aug. 16, 1966. [2] p.+3 leaves, 4° [From Geologiya i geofizika, no. 2, 1965.]  $\Phi$  Paper, \$1.00 (TT: 66-33468).  
 14804 37039. Experience in using industrial explosions for crustal studies in transition zone from Siberian platform to Taymyr downwarp, USSR [with bibliography]; by I. K. Tuzezov. Aug. 16, 1966. [2]+12 p. il. 4° [From Geologiya i geofizika, no. 2, 1965.]  $\Phi$  Paper, \$1.00 (TT: 66-33469).  
 14805 37040. Nature of gravity anomalies of southwestern Sakhalin, USSR [with bibliography]; by P. M. Sychev. Aug. 16, 1966. [2]+10 p. il. 4° [From Geologiya i geofizika, no. 2, 1965.]  $\Phi$  Paper, \$1.00 (TT: 66-33470).  
 14806 37041. Structure of southeastern margin of Caspian depression, USSR [with bibliography]; by N. Ya. Kunin, et al. Aug. 16, 1966. [2]+9 p. il. 4° [From Geotektonika, no. 6, Nov.-Dec. 1965.]  $\Phi$  Paper, \$1.00 (TT: 66-33471).  
 14807 37042. Secrets of earth's interior, USSR; by V. V. Belousov. Aug. 16, 1966. [2]+19 p. il. 4° [From Priroda, no. 7, July 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33472).  
 14808 37057. Political geography, China; by Chang Ch'i-yun. Aug. 16, 1966. [2]+a-b+85 p. il. 4°  $\Phi$  Paper, \$3.00 (TT: 66-33487).  
 14809 37071. Nikolay Vasil'yevich Konovalov, obituary, USSR. Aug. 17, 1966. [2] p.+3 leaves, 4° [From Voprosy neyrokhirurgii, no. 3, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33500).

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1966

- 14810 37072. Cybernetics and automation, USSR [articles with bibliographies]. Aug. 17, 1966. [2]+a-d+259 p. il. 4° [From Sistema chelovek i avtomat, Moscow, 1965.]  $\Phi$  Paper, \$6.00 (TT: 66-33501).
- 14811 37073. Studies in comparison of levels of economic development of Socialist countries, USSR [excerpts]. Aug. 17, 1966. [2]+a+83 p. 4°  $\Phi$  Paper, \$3.00 (TT: 66-33502).
- 14812 37074. Yugoslav analysis of NATO and Warsaw Pact; by Andro Gabelic. Aug. 17, 1966. [2] p.+4 leaves, 4° [From Narodna armija, no. 1402, June 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33503).
- 14813 37075. Spasmodic action of some new oximes, Rumania [with bibliography]; by Gh. Niculescu, et al. Aug. 17, 1966. [2] p.+6 leaves, 4° [From Revista sanitara militara, no. 3, May-June 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33504).
- 14814 37076. Studies on properties, treatment and production of titanium alloys, USSR [articles, with bibliographies]. Aug. 17, 1966. [2]+a+24 p. 4°  $\Phi$  Paper, \$2.00 (TT: 66-33505).
- 14815 37077. Theory of large systems in technical cybernetics, USSR [excerpts, with bibliographies]; by Ya. Z. Tsypkin, et al. Aug. 17, 1966. [2]+a+57 p. il. 4° [From Tekhnicheskaya kibernetika, 1965.]  $\Phi$  Paper, \$3.00 (TT: 66-33506).
- 14816 37085. 22d all-Union scientific session devoted to radio day, section on telemechanics [with bibliographies]. Aug. 18, 1966. [2]+a-c+153 p. il. 4°  $\Phi$  Paper, \$5.00 (TT: 66-33514).
- 14817 37086. French journalist probes Soviet science, USSR; by Nicolas Vichney. Aug. 18, 1966. [2]+26 p. 4° [From Le Monde, June 24, 25, 27, 28, and 29, 1966.]  $\Phi$  Paper, \$2.00 (TT: 66-33515).
- 14818 37087. News of Soviet Scientific organizations. Aug. 18, 1966. [2]+a+10 p. 4° [Errata, dated Aug. 23, 1966, consisting of corrected cover, issued also.]  $\Phi$  Paper, \$1.00 (TT: 66-33516).
- 14819 37088. Suggestions and proposals to improve USSR railway operations. Aug. 18, 1966. [2]+6 p. 4° [From Avtomatika-telemekhanika-svyaz', no. 6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33517).
- 14820 37089. Marxism-Leninism has developed through struggle against left-wing and right-wing opportunism, North Korea; by Chong Tal-gun. Aug. 18, 1966. [2]+9 p. 4° [From Nodong sinmun, July 13, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33518).
- 14821 37096. Physiological methods in cosmonautics, USSR [with bibliography]; by R. M. Bayevskiy. Aug. 18, 1966. [2]+a-d+309 p. il. 4°  $\Phi$  Paper, \$7.00 (TT: 66-33525).
- 14822 37101. Immune gamma globulins in treatment and prophylaxis of infectious diseases, USSR [articles]; by I. L. Bogdanov. Aug. 18, 1966. [2]+a+11 p. 4° [Includes Foreword, chapter 1 and table of contents.]  $\Phi$  Paper, \$1.00 (TT: 66-33530).
- 14823 37102. Influence of electromagnetic fields on central nervous system, USSR [excerpts]; by Yu. A. Kholodov. Aug. 18, 1966. [2]+a-b+22 p. 4° [Includes table of contents.]  $\Phi$  Paper, \$1.00 (TT: 66-33531).
- 14824 37103. Coordination of motor and vegetative functions in man during muscular activity, USSR [excerpts, with bibliography]; by Yu. I. Dan'kov, et al. Aug. 18, 1966. [2]+a+35 p. 4°  $\Phi$  Paper, \$2.00 (TT: 66-33532).
- 14825 37104. Problems in experimental surgery and morphology, USSR [articles, with bibliographies]; by G. Ye. Ostroverkhov. Aug. 18, 1966. [2]+a+18 p. 4°  $\Phi$  Paper, \$1.00 (TT: 66-33533).
- 14826 37105. News of Soviet scientific organizations [articles]. Aug. 18, 1966. [2]+1+25 p. 4°  $\Phi$  Paper, \$2.00 (TT: 66-33534).
- 14827 37108. Clinical medicine (v. 44, no. 5, 1966). Aug. 18, 1966. [2]+a-d+277 p. il. 4°  $\Phi$  Paper, \$6.00 (TT: 66-33537).
- 14828 37114. 22d all-Union scientific session devoted to radio day, section on semiconductor devices [articles, with bibliographies]. Aug. 19, 1966. [2]+a-b+73 p. il. 4°  $\Phi$  Paper, \$3.00 (TT: 66-33543).
- 14829 37115. 22d all-Union scientific session devoted to radio day: Section on propagation of radio waves [articles, with bibliographies]. Aug. 19, 1966. [2]+a-b+56 p. il. 4°  $\Phi$  Paper, \$3.00 (TT: 66-33544).
- 14830 37116. 22d all-Union scientific session devoted to radio day: Section on theory and techniques of transmitting discrete signals. Aug. 19, 1966. [2]+a-c+114 p. il. 4°  $\Phi$  Paper, \$4.00 (TT: 66-33545).
- 14831 37117. 22d all-Union scientific session devoted to radio day: Section on electronics [articles, with bibliographies]. Aug. 19, 1966. [2]+a-b+145 p. il. 4°  $\Phi$  Paper, \$4.00 (TT: 66-33546).
- 14832 37118. Studies in electrical discharge machining of high-strength metals and alloys, USSR; by M. A. Lyapunov, et al. Aug. 19, 1966. [2]+a+19 p. il. 4°  $\Phi$  Paper, \$1.00 (TT: 66-33547).
- 14833 37127. Activities of Hungarian observation network for artificial satellites; by Marton Ill. Aug. 19, 1966. [2] p.+12 leaves, 4° [From Magyar tudomany, no. 5, May 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33556).
- 14834 37128. Development of biological research in Hungary; by Bruno F. Straub. Aug. 19, 1966. [2] p.+8 leaves, 4° [From Magyar tudomany, no. 5, June 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33557).
- 14835 37129. Activities of corporate bodies of Hungarian Academy of Sciences [articles]. Aug. 19, 1966. [2]+25 p. il. 4° [From Magyar tudomany, no. 5, May 1966.]  $\Phi$  Paper, \$2.00 (TT: 66-33558).
- 14836 37130. New doctors and candidates for doctorate, Feb. 1966, Hungary. Aug. 19, 1966. [2] p.+4 leaves, 4° [From Magyar tudomany, no. 5, May 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33559).

$\Phi$ For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries



# GOVERNMENT PUBLICATIONS

## JPRS (series)—Continued

- 14837 37131. Activities of Maksim Litvinov as Iskra agent, USSR; by Z. Sheynis. Aug. 19, 1966. [2] p.+7 leaves, 4° [From Nauka i zhizn', no. 6, June 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33560).
- 14838 37132. 22d all-Union scientific session devoted to radio day: Section on quantum electronics. Aug. 19, 1966. [2]+a-c+1-24a, 25-95 p. il. 4°  $\Phi$  Paper, \$3.00 (TT: 66-33561).
- 14839 37133. Soviet view of contemporary Turkey; by M. A. Gasratyan. Aug. 19, 1966. [2]+a+54 p. 4°  $\Phi$  Paper, \$3.00 (TT: 66-33562).
- 14840 37150. Investigation of transient conditions of electric-power systems by means of computers, USSR [with bibliography]; by A. I. Vinogradova, et al. Aug. 22, 1966. [2]+15 p. il. 4° [From Sudostroyeniye, no. 3, Mar. 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33579).
- 14841 37151. Nuclear installation and computerized weather forecasting at Rumanian Atomic Physics Institute [articles]. Aug. 22, 1966. [2] p.+a+6 leaves il. 4° [From Stiinta si tehnica, June 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33580).
- 14842 37152. Rumanian National Conference on Normal and Pathological Morphology; by Sorin Stanescu. Aug. 22, 1966. [2] p.+4 leaves, 4°  $\Phi$  Paper, \$1.00 (TT: 66-33581).
- 14843 37153. Steady-state wind circulation in homogeneous ocean, USSR [with bibliography]; by A. I. Fel'zenbaum, et al. Aug. 22, 1966. [2] p.+7 leaves, il. 4°  $\Phi$  Paper, \$1.00 (TT: 66-33582).
- 14844 37162. Antidotes used for intoxication with organophosphorous compounds, Rumania, [with bibliography]; by V. Bostanaru, et al. Aug. 22, 1966. [2]+8 p. 4° [From Revista sanitara militara, v. 62, no. 3, May-June 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33591).
- 14845 37163. Recent development of biological sciences in Hungary [articles]. Aug. 22, 1966 [2]+a+47 p. 4° [Includes list of books and periodicals published during 1964. From Magyar Tudomanyos Akademia Biologiai Tudomanyok Kozlemenyei, v. 8, no. 2, 1965.]  $\Phi$  Paper, \$2.00 (TT: 66-33592).
- 14846 37164. Evolutionary role of division into two sexes (cybernetic viewpoint), USSR; by V. Gvadakyan. Aug. 22, 1966. [2]+16 p. il. 4° [From Nauka i zhizn', no. 3, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33593).
- 14847 37165. Official Soviet regulations governing official and private travel of foreign nationals in USSR. Aug. 22, 1966. [2]+6 p. 4°  $\Phi$  Paper, \$1.00 (TT: 66-33594).
- 14848 37166. List of officers, members, and national representatives of Bulgarian Central Council of Trade Unions. Aug. 22, 1966. [2]+18 p. 4° [From Trud and Otechestven front, Mar. 1 and May 13, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33595).
- 14849 37217. Dreams during normal sleep and during hypnosis, USSR [with bibliography]; by Ye. Vol'pert. Aug. 25, 1966. [2]+a-c+321 p. 4°  $\Phi$  Paper, \$7.00 (TT: 66-33646).
- 14850 37218. Sleep and electric sleep in children, USSR; by L. Ya. Rabichev. Aug. 25, 1966. [2]+6 p. 4° [From Peditriya, v. 45, no. 6, June 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33647).
- 14851 37219. Experience in operation of MN-7 and EMU-8 computers, USSR; by I. G. Vintzenko, et al. Aug. 25, 1966. [2] p.+5 leaves, 4° [From Voprosy teorii i primeneniya matematicheskogo modelirovaniya, Moscow 1965.]  $\Phi$  Paper, \$1.00 (TT: 66-33648).
- 14852 37220. Chromatographic separation for radiochemical water analysis in reactor, USSR [with bibliography]; by Yu. P. Saykov. Aug. 25, 1966. [2]+7 p. il. 4° [From Atomnaya energiya, v. 20, no. 2.]  $\Phi$  Paper, \$1.00 (TT: 66-33649).
- 14853 37221. Cybernetics and control theory, USSR [articles, with bibliographies]. Aug. 25, 1966. [2]+a+10 p. 4° [From Doklady Akademii Nauk SSSR, v. 167, no. 6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33650).
- 14854 37222. Chemistry of beryllides, USSR [with bibliography]; by G. V. Samsonov. Aug. 25, 1966. [2]+a-b+62 p. il. 4° [From Uspekhi khimii, v. 35, no. 3, 1966.]  $\Phi$  Paper, \$3.00 (TT: 66-33651).
- 14855 37223. Applications of economic-mathematical methods to economy, USSR [articles, with bibliographies]. Aug. 25, 1966. [2]+a+62 p. il. 4° [From Ekonomika i matematicheskiye metody, v. 2, no. 3, May-June 1966.]  $\Phi$  Paper, \$3.00 (TT: 66-33652).
- 14856 37224. Machine search algorithm for derivation in propositional calculus, USSR; by N. A. Shninin et al. Aug. 25, 1966. [2]+52 p. 4°  $\Phi$  Paper, \$3.00 (TT: 66-33653).
- 14857 37225. Interview with Lenin prize winner, Viktor Glushkov about cybernetics, USSR; by Ivan Batov. Aug. 25, 1966. [2] p.+5 leaves, 4° [From Ekonomicheskaya gazeta, no. 28, July 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33654).
- 14858 37226. Evaluation of science and scientists, Yugoslavia; by M. Mladjenovic. Aug. 25, 1966. [2]+7 p. 4° [From Borba, July 10 and 17, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33656).
- 14859 37227. Recent activities of Hungarian Academy of Sciences [articles]. Aug. 25, 1966. [2]+a+27 p. 4° [From Magyar tudomany, v. 11, no. 6, 1966.]  $\Phi$  Paper, \$2.00 (TT: 66-33656).
- 14860 37228. Scientific conference & events in Socialist countries, Aug. 25, 1966. [2]+6 p. 4° [From Orvosi hetilap, no. 29, July 17, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33657).

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



# OCTOBER 1966

- 14861 37229. Personnel and economic problems at Leningrad Planning Institute, USSR; by B. Gusev. Aug. 25, 1966. [2]+6 p. 4° [From Izvestiya, July 8, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-3658).
- 14862 37236. Technical cybernetics, no. 2, 1966, USSR. Aug. 25, 1966. [2]+a-c+315 p. il. 4°  $\Phi$  Paper, \$7.00 (TT: 66-33665).
- 14863 37257. Superior technical features of Soviet space vehicle Voskhod, USSR; by N. Kamanin. Aug. 26, 1966. [2] p.+5 leaves, 4° [From Krasnaya zvezda, Oct. 27, 1964.]  $\Phi$  Paper \$1.00 (TT: 66-33686).
- 14864 37258. Criminological distinction of similar handwritings by means of computers, USSR [with bibliography]; by B. N. Kozinets, et al. Aug. 26, 1966. [2]+6 p. 4° [From Doklady akademii Nauk SSSR, v. 167, no. 5, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33687).
- 14865 37259. Coal industry of Mongolia, USSR; by Zh. Dugersuren, et al. Aug. 26, 1966. [2] p.+5 leaves, il. 4° [From Razvedka i okhrana nedr, no. 6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33688).
- 14866 37260. Aerial-photographic, topographic-geodetic and cartographic work of Soviet Union in Antarctica; by V. Dubovskoy. Aug. 26, 1966. [2]+13 p. il. 4° [From Geodeziya i kartografiya, no. 6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33689).
- 14867 37261. Decline of Judaism in Moldavia, USSR; by M. Kogan. Aug. 26, 1966. [2]+6 p. 4° [From Sovetskaya Moldaviya, July 7, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33690).
- 14868 37274. International training seminar of WMO on numerical methods of short-range weather forecasting, USSR; by V. V. Bykov. Aug. 29, 1966. [2]+8 p. il. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33703).
- 14869 37275. Preparation of results of hydrometeorological observations for processing on electronic computers, USSR; by N. K. Klyukin. Aug. 29, 1966. [2]+7 p. il. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33704).
- 14870 37276. Recent Soviet literature on meteorology, USSR [articles, with bibliography]. Aug. 29, 1966. [2]+a+19 p. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33705).
- 14871 37277. Recent Soviet meteorological news [articles]. Aug. 29, 1966. [2]+a+19 p. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33706).
- 14872 37278. Hydrometeorology in Republic of Cuba [with bibliography]; by F. F. Davitaya. Aug. 29, 1966. [2]+7 p. il. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33707).
- 14873 37279. Some results and prospects of scientific work at Institutes of Hydrometeorological Service (1965-66), USSR; by Ye. K. Fedorov. Aug. 29, 1966. [2]+13 p. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33708).
- 14874 37280. Present status of numerical weather forecasting methods, USSR; by G. I. Marchuk. Aug. 29, 1966. [2]+13 p. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33709).
- 14875 37281. High-level mesovortex and some of its characteristics, USSR [with bibliography]; by L. S. Minina. Aug. 29, 1966. [2]+14 p. il. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33710).
- 14876 37282. Experience in developing synoptic-statistical method for forecasting anomalies of seasonal precipitation, USSR [with bibliography]; by N. A. Aniskina et al. Aug. 29, 1966. [2]+10 p. il. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33711).
- 14877 37283. Investigation of statistical structure of wind field in central Asia and in southern Kazakhstan, USSR [with bibliography]; by Z. G. Apsal'yamova. Aug. 29, 1966. [2]+8 p. il. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33712).
- 14878 37284. Some principal divisions of Soviet universal classification table. Aug. 29, 1966. [2]+a-b+351 p. 4° [From Universal'naya desyatchinnaya klassifikatsiyasokrashchennyye tablitsy, Moscow, 1962.]  $\Phi$  Paper, \$7.00 (TT: 66-33713).
- 14879 37291. Study of toxic and serological shifts in blood of burned animals [with bibliography], USSR; by A. N. Shokanbayev. Aug. 29, 1966. [2]+7 p. 4° [From Patologicheskaya fiziologiya i eksperimental'naya terapiya, v. 10, no. 1, Jan.-Feb. 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33720).
- 14880 37292. Soviet reports on LSD; by M. Derimov. Aug. 29, 1966. [2] p.+4 leaves, 4° [From Pravda Ukrainy, June 14, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33721).
- 14881 37293. Lenin prize winner in mathematics, Nikolay Vladimirovich Yefimov, USSR; by Ye Rummyantsev. Aug. 29, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33722).
- 14882 37294. Biographical sketch of Soviet chemical scientist academician N. N. Semenov; by M. Neyman. Aug. 29, 1966. [2]+7 p. 4° [From Nauka i zhizn, no. 4, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33723).
- 14883 37295. Weather satellites, Soviet views and developments; by Ye. Fedorov. Aug. 29, 1966. [2] p.+7 leaves il. 4° [From Izvestiya, Aug. 21, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33724).
- 14884 37298. Translations from Hoc tap (Studies) no. 7, 1966, North Vietnam. Aug. 29, 1966. [2]+a-b+100 p. 4°  $\Phi$  Paper, \$4.00 (TT: 66-33727).
- 14885 37307. Developments in USSR space program, USSR. Aug. 29, 1966. [2]+a+22 p. il. 4° [From Aviatsiya i kosmonavtika, no. 7, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33736).

$\Phi$ For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 55

# GOVERNMENT PUBLICATIONS

## JPRS (series)—Continued

- 14886 37308. Rumanian research in soil and land utilization; by M. Botzan, et al. Aug. 29, 1966. [2]+8 p. 4° [From Stiinta solului, v. 4, no. 2, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33737).
- 14887 37309. Electrophysiological investigations of retina, USSR [excerpts]. Aug. 29, 1966. [2]+a+37 p. il. 4° [Includes table of contents of source.]  $\Phi$  Paper, \$2.00 (TT: 66-33738).
- 14888 37313. Pros and cons of existence of telepathy, USSR; by P. Simonov. Aug. 29, 1966. [2]+11 p. 4° [From Nauka i shzn, no. 4, Apr. 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33742).
- 14889 37331. USSR medical industry, no. 5 [articles, with bibliographies]. Aug. 30, 1966. [2]+a-c+94 p. il. 4°  $\Phi$  Paper, \$3.00 (TT: 66-33760).
- 14890 37350. Attenuation of radiation from artificial earth satellites in above-surface trajectories, USSR [with list of references]; by Sh. G. Shilonskiy. Aug. 30, 1966. [2]+11 p. il. 4° [From Geomagnetizm i aeronomiya, v. 5, no. 6, Nov.-Dec. 1965.]  $\Phi$  Paper, \$1.00 (TT: 66-33779).
- 14891 37351. Studies in immunization and viral aerosols, USSR [articles, with bibliography]. Aug. 30, 1966. [2]+a+15 p. il. 4° [From Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33780).
- 14892 37352. Estimate of water resources of administrative regions of Azerbaydzhan SSR (Greater Caucasus), USSR [with bibliography]; by R. M. Kashkay. Aug. 30, 1966. [2]+10 p. il. 4° [From Izvestiya Akademii nauk Azerbaydzhanskoy SSR, seriya nauk o zemle, no. 2, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33781).
- 14893 37353. Immunity of amplitude criteria of seismic wave phase correlation, USSR [with bibliography]; by S. V. Gol'din. Aug. 30, 1966. [2]+17 p. il. 4° [From Geologiya i geofizika, no. 4, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33782).
- 14894 37354. Annual meeting of Academy of Sciences, Turkmen SSR; by Ye. I. Buzayeva, et al. Aug. 30, 1966. [2] p.+4 leaves, 4° [From Izvestiya Akademii Nauk Turkmenskoy SSR, seriya fizikotekhnicheskikh khimicheskikh i geologicheskikh nauk, no. 1, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33783).
- 14895 37355. Development of geophysics in Rumania in last 2 decades [with bibliography]; by G. Atanasiu. Aug. 30, 1966. [2]+14 p. [From Progresele stiintei, v. 2, no. 4, Apr. 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33784).
- 14896 37356. Translations from Ti-Chih lun-p'ing (Geological review), v. 19, no. 3, Mar. 1959, Communist China [articles, with bibliographies]. Aug. 30, 1966. [2]+a+70 p. il. 4°  $\Phi$  Paper, \$3.00 (TT: 66-33785).
- 14897 37357. Expansion of scientific research for economic development of USSR [articles]. Aug. 30, 1966. [2]+a+72 p. il. 4°  $\Phi$  Paper, \$3.00 (TT: 66-33786).
- 14898 37358. Classes and class struggle in Turkey; by Yu. N. Rozallyev. Aug. 30, 1966. [2]+a+134 p. 4°  $\Phi$  Paper, \$4.00 (TT: 66-33787).
- 14899 37360. Yugoslav comment on biological warfare agents [articles]. Aug. 31, 1966. [2]+a+10 p. 4° [From Civilna odbrana, no. 3, May-June 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33789).
- 14900 37361. Experience in application of spectrozonal aerial photographs for topographic interpretation, USSR; by V. Zh. Shoyvanov. Aug. 31, 1966. [2] p.+5 leaves, 4° [From Geodeziya i kartografiya, no. 6, June 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33790).
- 14901 37362. Swedish research in Soviet legal terminology, USSR; by Lars-Goeran. Aug. 31, 1966. [2] p.+5 leaves, 4° [From Svenska Dagbladet, July 9, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33791).
- 14902 37363. Indonesia's political history and 1 Oct. coup, Swedish leftist view [articles]; by Christer Hogstedt. Aug. 31, 1966. [2]+17 p. 4° [From Tidsignal, June 15-28, and July 5, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33792).
- 14903 37364. Former Swedish Communist Party chairman publishes books; by Josen. Aug. 31, 1966. [2] p.+5 leaves, 4° [From Dagens Nyheter, July 22, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33793).
- 14904 37369. Soviet clergyman attacks U.S. action in Dominican Republic, USSR; by A. Tsvirkunov. Aug. 31, 1966. [2] p.+4 leaves, 4° [From Zhurnal Moskovskoy Patriarkhii, no. 4, Apr. 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33798).
- 14905 37372. Studies of public health in Tadzhikistan, USSR [with bibliography]. Sept. 1, 1966. [2]+a+12 p. 4° [From Zdravoo khraneniye Tadzhikistana, v. 13, no. 3, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33801).
- 14906 37373. Administration of polyglucin (dextran) in treatment of edematous states, USSR [with bibliography]; by O. M. Yeliseyev. Sept. 1, 1966. [2]+12 p. il. 4° [From Terapevticheskiy arkhiv, June 1966, v. 38, no. 6.]  $\Phi$  Paper, \$1.00 (TT: 66-33802).
- 14907 37374. Accuracy of geodetic measurements in geological survey operations, pro and con, USSR [articles]. Sept. 1, 1966. [2]+a+27 p. 4° [From Geodeziya i Kartografiya no. 11, Nov. 1965 and no. 6, June 1966.]  $\Phi$  Paper, \$2.00 (TT: 66-33803).
- 14908 37375. Cybernetics and society [excerpts from report presented at 2d International Convention on Science and Society]; by Rajko Tomovic. Sept. 1, 1966. [2]+7 p. 4° [From Borba, June 19 and 26, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33804).
- 14909 37376. Recent developments in underwater research, USSR; by G. Lisov. Sept. 1, 1966. [2]+8 p. 4° [From The Shift, no. 14, June 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33805).

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



# OCTOBER 1966

- 14910 37379. Kurdish national liberation movements in 1943-57 [with bibliography]; by Sh. K. Mgoi. Sept. 1, 1966. [2]+23 p. 4° [From K'rdakan azagayin-azatagrakan sharzhumnern Irak'um yerkrord hamashkharhayin paterazmits'hetu, 1965.]  $\Phi$  Paper, \$1.00 (TT: 66-33808).
- 14911 37390. Settling rate of atmospheric particles, USSR; by A. P. Manzhula, et al. Sept. 1, 1966. [2] p.+3 leaves, 4° [From Izvestiya Akademii Nauk SSSR, Fizika atmosfery i okeana, v. 1, no. 9, Sept. 1965.]  $\Phi$  Paper, \$1.00 (TT: 66-33819).
- 14912 37403. General-purpose computer developed in Rumania; by M. Davidovici, et al. Sept. 2, 1966. [2]+8 p. il. 4° [From Energetica, v. 14, no. 5, May 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33831).
- 14913 37404. Variable-structure automatic control system with low sensitivity to rapid, broad changes in parameters of object of control, USSR [with bibliography]; by S. V. Yemel'yanov, et al. Sept. 2, 1966. [2]+15 p. il. 4° [From Samonastraivayushchiesya sistemy, 1965.]  $\Phi$  Paper, \$1.00 (TT: 66-33832).
- 14914 37405. All-Union congress of physio- and health-resort therapeutists, USSR; by G. A. Nevrayev, et al. Sept. 2, 1966. [2] p.+5 leaves, 4° [From Voprosy kurortologii fizioterapii i lecheniye fizicheskoy kultury, v. 31, no. 1, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33833).
- 14915 37406. Public health progress in Kazakhstan, USSR. Sept. 2, 1966. [2]+a+8 p. 4° [From Zdravookhraneniye kazakhstana, v. 26, no. 5, May 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33835).
- 14916 37407. Synthesis and application of perceptrons, USSR [articles, with bibliographies]. Sept. 2, 1966. [3]+20 p. il. 4° [From Trudy, avtomatizatsiys i vychislitel'naya tekhnika na morskoy flote, no. 77, 1965.]  $\Phi$  Paper, \$1.00 (TT: 66-33835).
- 14917 37408. Scientific cultivation of agricultural plants, Rumania; by T. Muresan. Sept. 2, 1966. [2]+12 p. 4° [From Probleme agricole, no. 5, May 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33836).
- 14918 37414. Electronic treatment of materials, USSR [with bibliographies]. no. 3, 1965. Sept. 2, 1966. [2]+a-b+1-42a, 43-128 p. il. 4°  $\Phi$  Paper, \$4.00 (TT: 66-33842).
- 14919 37416. Soviet goals and some achievements in psychology [articles]. Sept. 2, 1966. [2]+a+52 p. il. 4° [From Voprosy psikhologii, v. 12, no. 3, May/June 1966.]  $\Phi$  Paper, \$3.00 (TT: 66-33844).
- 14920 37417. Transplant immunity and radiation chimera, USSR [excerpts, with bibliographies]; by Petrov and Yu. Zaretskaya. Sept. 2, 1966. [2]+a+21 p. il. 4°  $\Phi$  Paper, \$1.00 (TT: 66-33845).
- 14921 37430. Morphological features of aquatic mammals. USSR articles, [with lists of literature; edited by S. Ye. Kleynenberg]. Sept. 6, 1966. [2]+a+115 p. il. 4°  $\Phi$  Paper, \$4.00 (TT: 66-33858).
- 14922 37431. Structure of population of toothed cetaceans (Odontoceti), USSR [with list of literature]; by V. M. Bel'kovich, et al. Sept. 6, 1966. [2]+7 p. il. 4° [From Morskiye mlekopitayushchiye, 1964.]  $\Phi$  Paper, \$1.00 (TT: 66-33859).
- 14923 37436. Scientific activity of institutions of Department of Biological Sciences, 1965, USSR; by A. D. Dzhangaliyev. Sept. 6, 1966. [2]+15 p. 4° [From Izvestiya Akademii Nauk Kazakhskoy SSR, seriya biologicheskaya, no. 3, Mar. 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33864).
- 14924 37464. Suggested expansion of rights granted to institutions of higher learning; by M. Anuchin. Sept. 7, 1966. [2]+6 p. 4° [From Izvestiya, Aug. 14, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33892).
- 14925 37465. Soviet Colonel reviews Cornelius Ryan's Last battle; by I. Ye. Zaytsev. Sept. 7, 1966. [2]+8 p. 4° [From Za rubezhom, no. 34, Aug. 19-25, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33893).
- 14926 37466. Soviet view of western oil interests in Near East; by M. Kamal'. Sept. 7, 1966. [2] p.+4 leaves, 4° [From Vyskka, July 29, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33894).
- 14927 37467. Criticism of Soviet scientific press; by V. Kargin. Sept. 7, 1966. [2] p.+4 leaves, 4° [From Pravda, July 12, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33895).
- 14928 37483. Production of automatic instruments and equipment, USSR; [by A. N. Gavrilov]. Sept. 8, 1966. [2]+a+48 p. il. 4°  $\Phi$  Paper, \$2.00 (TT: 66-33911).
- 14929 37484. Science and Communist society, USSR, Eastern Europe [articles]. Sept. 8, 1966. [2]+a+15 p. 4° [From Priroda, no. 4, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33912).
- 14930 37485. Winners of 1965 Mendeleev Society prizes in chemistry, USSR; by D. A. Kuznetsov. Sept. 8, 1966. [2]+16 p. 4° [From Zhurnal vsesoyuznogo khimicheskogo obshchestva im. D. L. Mendeleeva, v. 11, no. 3, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33913).
- 14931 37486. Soviet research in medical radiology [articles, with bibliography]. Sept. 8, 1966. [2]+a+17 p. il. 4° [From Meditsinskaya radiologiya, v. 11, no. 6, June 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33914).
- 14932 37487. Spread of injury in somatic muscle fibers, USSR [excerpts; by S. N. Aleksandrov and D. L. Rozental']. Sept. 8, 1966. [2]+a+12 p. 4° [Includes Conclusion and Table of contents of source.]  $\Phi$  Paper, \$1.00 (TT: 66-33915).
- 14933 37493. Report on 1966 general assembly of Hungarian Chemical Society. Sept. 8, 1966. [2] p.+3 leaves, 4° [From Magyar kemikusok lapja, no. 6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33921).

$\Phi$ For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 57



# GOVERNMENT PUBLICATIONS

## JPRS (series)—Continued

- 14934 37494. Volga Germans in Soviet Central Asia; by Manfred R. Beer. Sept. 9, 1966. [2]+6 p. 4° [From Christ and welt, July 29, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33922).
- 14935 37499. Vestnik of Academy of Sciences USSR. v. 36. no. 4, 1966. Sept. 8, 1966. [2]+a-b+236 p. il. 4°  $\Phi$  Paper, \$6.00 (TT: 66-33927).
- 14936 37515. 22d all-Union scientific session devoted to radio day: Section on wire communications [with bibliographies]. Sept. 9, 1966. [2]+a-b+62 p. il. 4°  $\Phi$  Paper, \$3.00 (TT: 66-33943).
- 14937 37516. 22d all-Union scientific session devoted to radio day: Section on radio broadcasting, electroacoustics and sound recording [with bibliographies]. Sept. 9, 1966. [2]+a+38 p. il. 4°  $\Phi$  Paper, \$2.00 (TT: 66-33944).
- 14938 37517. 22d all-Union scientific session devoted to radio day: Section on radio measurements [with bibliographies]. Sept. 9, 1966. [2]+a+32 p. il. 4°  $\Phi$  Paper, \$2.00 (TT: 66-33945).
- 14939 37518. 22d all-Union scientific session devoted to radio day: Section on television, [with bibliographies]. Sept. 9, 1966. [2]+a-b+71 p. il. 4°  $\Phi$  Paper, \$3.00 (TT: 66-33946).
- 14940 37519. 22d all-Union scientific session devoted to radio day: Section on radio transmitters. [with bibliographies]. Sept. 9, 1966. [2]+a-b+28 p. il. 4°  $\Phi$  Paper, \$2.00 (TT: 66-33947).
- 14941 37520. 22d all-Union scientific session devoted to radio day: Section on radio receivers and amplifiers [with bibliographies]. Sept. 9, 1966. [2]+a-c+1-42a+43-130 p. il. 4°  $\Phi$  Paper, \$4.00 (TT: 66-33948).
- 14942 37521. 22d all-Union scientific session devoted to radio day: Section on general radio engineering [with bibliographies]. Sept. 9, 1966. [2]+a-c+176 p. il. 4°  $\Phi$  Paper, \$5.00 (TT: 66-33949).
- 14943 37522. Possible role of metallic complexes in reactivation of cholinesterase inhibited by organic phosphorus compounds. USSR [with bibliography]; by Ye. V. Roginskaya, et al. Sept. 9, 1966. [2]+8 p. il. 4° [From Voprosy meditsinskoy khimii, v. 12, no. 4, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33950).
- 14944 37523. Submerged-arc welding. USSR [articles, with lists of references]. Sept. 9, 1966. [2]+a+29 p. il. 4° [From Svarka, sbornik statey, no. 1, 1958.]  $\Phi$  Paper, \$2.00 (TT: 66-33951).
- 14945 37524. 2d All-Union conference on aerospace medicine. Sept. 9, 1966. [2]+15 p. 4° [From Meditsinskaya gazeta, v. 29, no. 55, July 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33952).
- 14946 37525. Soviet metal rolling technology [articles, with bibliographies]. Sept. 9, 1966. [2]+a+37 p. il. 4° [From Tsvetnyye metall, nos. 9 and 10, 1965 and nos. 6 and 7, 1966.]  $\Phi$  Paper, \$2.00 (TT: 66-33953).
- 14947 37527. Soviet critique on Islam [articles]. Sept. 12, 1966. [2]+a+20 p. 4° [From Nauka i religiya, no. 6, June 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33955).
- 14948 37528. Domestic photographic papers for printing documents and texts. USSR: [by M. I. Shor]. Sept. 12, 1966. [2]+7 p. il. 4° [From Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, no. 2, 1961.]  $\Phi$  Paper, \$1.00 (TT: 66-33956).
- 14949 37551. Experience with methods to modify clouds, fogs, and hail-forming processes. USSR [articles, with bibliographies]. Sept. 13, 1966. [2]+a+59 p. il. 4° [From Trudy Tsentral'noy Aerologicheskoy Observatorii, no. 65, 1965.]  $\Phi$  Paper, \$3.00 (TT: 66-33979).
- 14950 37552. Bionics, its status and trends in its development [with list of literature]: by A. Berg, et al. Sept. 13, 1966. [2]+27 p. il. 4° [From Nauka i zhizn', no. 6, June 1966.]  $\Phi$  Paper, \$2.00 (TT: 66-33980).
- 14951 37553. Bulgarian inventors and efficiency experts receive awards [list]. Sept. 13, 1966. [2]+10 p. 4° [From Ratsionalizatsiya standartisatsiya, no. 6, June 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33981).
- 14952 37554. Progress noted at session of Bulgarian National Assembly's permanent commission on industry and energy; by Mikh. Ninkov. Sept. 13, 1966. [2] p.+3 leaves, 4° [From Otechestven front, July 23, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33982).
- 14953 37555. Phase analysis of cardiac activity. USSR [with bibliography]; by V. A. Karpman. Sept. 13, 1966. [2]+a-v+240 p. il. 4°  $\Phi$  Paper, \$6.00 (TT: 66-33983).
- 14954 37556. Bulgarian scientific and technological progress [articles]. Sept. 13, 1966. [2]+a+7 p. 4° [From Tekhnicheskoe delo, Aug. 6, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33984).
- 14955 37557. Programmed teaching in USSR [articles]. Sept. 13, 1966. [2]+a+22 p. 4°  $\Phi$  Paper, \$1.00 (TT: 66-33985).
- 14956 37558. Application of geodetic instruments in Hungary [articles, with list of literature]. Sept. 13, 1966. [2]+a+27 p. il. 4° [From Geodezia es kartografia, v. 18, no. 3, 1966.]  $\Phi$  Paper, \$2.00 (TT: 66-33986).
- 14957 37559. Soviet communications research with dolphins. Sept. 13, 1966. [2] p.+4 leaves, 4° [From Krasnaya zvezda, June 11, 1966.]  $\Phi$  Paper, \$1.00 (TT: 66-33987).
- 14958 37560. Soviet research on physics of combustion and explosion [articles, with bibliographies]. Sept. 13, 1966. [2]+a-b+82 p. il. 4° [From Fizika goreniya i vzryva, no. 4, 1965.]  $\Phi$  Paper, \$3.00 (TT: 66-33988).

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1966

JUSTICE DEPARTMENT  
Washington, D.C. 20530

Opinions of Attorney General [Volume 42, Opinion.]

- 14959 25. NS Savannah, executive agreements waiving sovereign immunity and limitation of shipowner's liability; Nov. 30, 1960, released for publication May 23, 1966. [1966.] 15 p. \* Paper, 10c. J 1.5/a : 42/25
- 14960 Report of Attorney General to Congress of United States on administration of Foreign agents registration act of 1938, as amended, calendar year 1965. [1966.] cover title, [1]+220 p. 4° \* Paper, \$1.00. ● Item 719-C J 1.30 : 965
- L.C. card 45-36591

LABOR DEPARTMENT  
Washington, D.C. 20210

Manpower/automation research monograph. ● Item 746-H

- 14961 5. Oak Glen, training camp for unemployed youth [with bibliographic information; prepared by Jane R. Chapman]. May 1966. v+69 p. 4° ([Office of Manpower Policy, Evaluation, and Research, Manpower Administration.]) † L 1.39/3 : 5
- 14962 Regulations and interpretative bulletins: Labor-management reporting and disclosure act, as amended. June 1966. [3]+31 p. 4° (Labor-Management Services Administration, Office of Labor Management and Welfare-Pension Reports.) [Previously published in Federal register and Code of Federal regulations.] † ● Item 762-D-3 L 1.7/4 : L 11
- 14963 — Welfare and pension plans disclosure act as amended. June 1966. [2]+21 p. 4° (Labor-Management Services Administration, Office of Labor-Management and Welfare-Pension Reports.) [Previously published in Federal register and Code of Federal regulations.] † ● Item 747 L 1.7/4 : W 45
- 14964 Young workers. [1966.] cover title, [1]+87-118 p. il. 4° (Manpower Administration.) [Prepared in cooperation with Office of Economic Opportunity, and Office of Education of Department of Health, Education, and Welfare. Reprint from 1966 Manpower report.] † L 1.42/2a : W 892/966

LABOR STANDARDS BUREAU, Labor Dept.  
Washington, D.C. 20210

Bulletin. ● Item 763

- 14965 240. Rigging cargo gear; [prepared by Ralph W. Netterstrom]. Revised 1966. [1966.] cover title, [1]+23 p. il. (Safety in industry, mechanical and physical hazards series.) \* Paper, 15c. L 16.3 : 240/2
- 14966 Pursuit of happiness, program guide 1966-67. [1966.] v+25 p. il. (President's Committee on Employment of the Handicapped.) [Includes lists of available publications, films, and exhibits. Text on p. 2 of cover.] † ● Item 766-C L 16.44/2 : P 94/966-67
- Safeguard our Nation's youth on the job (series).
- 14967 3. Injuries to young farmworkers can't be plowed under. July 1966. 1 p. il. 4° † L 16.51/5 : 3

LABOR STATISTICS BUREAU, Labor Dept.  
Washington, D.C. 20210

BLS reports.

L 2.71 : (nos.)

- 14968 307. Indexes of output per man-hour, hosiery industry, 1947-64; [prepared in Division of Productivity Measurement]. June 1966. cover title, iii+22 p. il. 4° [Includes list of other recent BLS publications on productivity and automation.] † ● Item 768-G L.C. card 66-62546
- 14969 308. Indexes of output per employee, air transportation industry, 1947-64; [prepared in Division of Productivity Measurement]. Aug. 1966. cover title, i+14 p. il. 4° [Includes list of other recent BLS publications on productivity and automation.] † L.C. card 66-62545

♠For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

- Bulletins. ● Item 768 L 2.3: (nos.)
- 14970 1465-68. Area wage survey: Chicago, Ill., metropolitan area, Apr. 1966. June 1966. iii+38 p. oblong 8° \* Paper, 30c.  
L.C. card L 66-143
- 14971 1465-70. Same: Charleston, W. Va., metropolitan area, Apr. 1966. July 1966. iii+30 p. oblong 8° \* Paper, 25c.  
L.C. card L 66-141
- 14972 1465-72. Same: Muskegon, Muskegon Heights, Mich., metropolitan area, May 1966. July 1966. iii+30 p. oblong 8° \* Paper, 25c.  
L.C. card L 66-158
- 14973 1465-75. Same: Spokane, Wash., metropolitan area, June 1966. July 1966. iii+17 p. oblong 8° \* Paper, 20c.  
L.C. card L 66-162
- 14974 1465-77. Same: Norfolk-Portsmouth and Newport News-Hampton, Va., metropolitan area, June 1966. July 1966. iii+16+[1] p. oblong 8° \* Paper, 20c.  
L.C. card L 66-160
- 14975 1465-80. Same: Lawrence Haverhill, Mass.-N.H., metropolitan area, June 1966. July 1966. iii+30 p. oblong 8° \* Paper, 25c.  
L.C. card L 66-155
- 14976 1465-81. Same: Akron, Ohio, metropolitan area, June 1966. July 1966. iii+34 p. oblong 8° \* Paper, 30c.  
L.C. card L 66-154
- 14977 1465-82. Same: New York, N.Y., metropolitan area, Apr. 1966. Aug. 1966. iv+66 p. oblong 8° \* Paper, 40c.  
L.C. card L 66-159
- 14978 1485. Private pension plan benefits; [prepared by Walter W. Kolodrubetz, Donald J. Staats, and Stanley S. Sacks]. June 1966. viii+104 p. ii. 4° \* Paper, 55c.  
L.C. card 66-62538
- 14979 1506. Industry wage survey: Cotton textiles, Sept. 1, 1965; [prepared by George L. Stelluto]. July 1966. vi+64+[2] p. 4° \* Paper, 40c.  
L.C. card L 66-34
- 14980 1510. March 1966 price trends [charts and tables; prepared in Branch of Price Economics of Office of Prices and Living Conditions]. [1966.] v+49 p. ii. 4° \* Paper, 35c.  
L.C. card L 66-150
- 14981 Department store inventory price indexes, July 1966. Aug. 29, 1966. 2 p. 4° † L 2.79: 966-2
- 14982 A look at the labor side of plant location [list of publications and studies]. [1966.] [12] p. ii. narrow 8° † ● Item 768-E L 2.34/2: P 69
- 14983 Negro in the West, some facts relating to social and economic conditions: 2, Negro consumer; [prepared by Charles A. Roumasset and Edward N. Smith]. [1966.] cover title, [1]+16 p. ii. 4° † Bureau of Labor Statistics, 450 Golden Gate Avenue, Box 36017, San Francisco, Calif. 94102. L.C. card L 66-119 L 2.2: N 31/3pt. 2
- 14984 Summary release, employee earnings and hours in retail trade, June 1965. June 1966. 10 p. 4° † ● Item 769 L 2.2: R 31/5/965

## LAKE SURVEY (Army), Defense Dept. 630 Federal Bldg., Detroit, Mich. 48226

- 14985 Supplement 5, Sept. 1966, corrections and additions to 1966 Great Lakes pilot. [1966.] [1]+13 leaves, 4° [Bearings are true and distances are expressed in statute miles. Supplement information given upon charts published by Lake Survey.] † U.S. Army Engineer District, Lake Survey, 630 Federal Bldg., Detroit, Mich. 48226  
L.C. card 6-7112 D 103.203: 966/supp. 5

## LIBRARY OF CONGRESS Washington, D.C. 20540

- 14986 National union catalog, cumulative author list representing Library of Congress printed cards and titles reported by other American Libraries: Register of additional locations, June 1966; [compiled by Catalog Maintenance and Catalog Publication Division]. 1966. xiv+385 p. 4° (Library of Congress catalogs.) [Supplement to National union catalog.] † (Included in subscription to National union catalog. See Entry no. 3242, Feb. 1966 Monthly catalog.)  
L.C. card 56-60041 LC 30.8/7: 966

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



# OCTOBER 1966

## MARINE CORPS (Navy), Defense Dept. Washington, D.C. 20350

- 14987 First 50 years, U.S. Marine Corps Reserve. [1966.] [2]+36+[2] p. il.  
([NAVMC 7003R.]) †  
L.C. card 66-62550 D 214.13 : R 31

## MARITIME ADMINISTRATION, Commerce Dept. Washington, D.C. 20548

- 14988 Economic impact of United States ocean ports. [1966.] 28 p. il. 4° [Text  
on p. 3 of cover.] \* Paper, 30c. ● Item 235  
L.C. card 66-62547 C 39.202 : P 83

## MEDICINE AND SURGERY BUREAU (Navy), Defense Dept. Washington, D.C. 20350

- 14989 Manual of Medical Department, page change 30. June 20, 1966. [46] p. 4°  
[Issued in looseleaf form.] † D 206.8/2 : 952/ch. 30
- 14990 — page change 31. Aug. 9, 1966. [43] p. 4° [Issued in looseleaf form.  
Includes checklist of pages in effect.] † D 206.8/2 : 952/ch. 31
- U.S. Naval Submarine Medical Center, Submarine Base, Groton, Conn.:  
Reports. † D 206.10 : (nos.)
- 14991 437. Ionizing radiation effects on eyes of personnel in nuclear-powered submarine  
[with list of references]; by Thomas R. Kleh. Sept. 10, 1964. cover title,  
il1+7+[13] p. il. 4° (Vol. 23, no. 19, research proj. MR005.14.3002-  
4.16.) [For official use.]
- 14992 450. Aerotitis media in submarine recruits [with list of references]; by Howard  
J. Alfandre. May 29, 1965. cover title, il1+19+[5] p. il. 4° (Research  
work unit MR005.14-3100-1.05.) [For official use; may be released as  
of Mar. 1, 1966.]
- 14993 451. Monaural and binaural speech intelligibility and stereophonic effect based  
upon temporal cues [with bibliography]; by J. Donald Harris. June 1,  
1965. cover title, 19+[5] p. il. 4° (Vol. 24, no. 7, research proj.  
MR005.14.1001-3.06.) [Reprint from Laryngoscope, v. 75, no. 3, Mar.  
1965. Text on p. 2 of cover.]
- 14994 460. Comparison of individual and group learning of nonsense syllables [with  
list of references]; by Bernard L. Ryack. Oct. 12, 1965. cover title,  
296-299+[5] p. 4° (Work unit MF022.03.03-9014.01.) [Reprinted from  
Journal of personality and social psychology, v. 2, no. 2, Aug. 1965.]
- 14995 467. Aerodotalgia under hyperbaric conditions [with list of references]; by  
William R. Shiller. Jan. 20, 1966. cover title, [1]+694-697+[5] p. 4°  
(Research work-unit MF022.03.03-9001.04.) [Reprinted from Oral surgery,  
oral medicine and oral pathology, v. 20, no. 5, Nov. 1965. Copy-  
right 1965 by C. V. Mosby Company. Text on p. 2 of cover.]
- 14996 472. Near-drowning, its pathophysiology and treatment in man [with list of  
references]; by George E. Griffin. Mar. 3, 1966. cover title, [1]+12-  
21+[6] p. il. 4° (Research work-unit MF022.03.03-9025.23.) [Re-  
printed from Military medicine, v. 131, no. 1, Jan. 1966. Text on p. 2  
of cover.]
- 14997 Vending of food and beverages. [1966.] [1]+7 p. 4° (Supp. 1,  
NAVMED P-5910-1.) [Issued in looseleaf form. Supplement 1 to  
Manual of naval preventive medicine, chap. 1, Food sanitation.] †  
● Item 385-B D 206.6/3 : M 46/chap. 1/supp. 1

## MINES BUREAU, Interior Dept. Washington, D.C. 20240

- 14998 Advance data on coke and coal chemicals in 1965; prepared by Eugene T.  
Sheridan. Aug. 8, 1965. 19 p. 4° (Mineral industry surveys; Coke  
and coal chemicals, annual.) † Mines Bureau, Pittsburgh, Pa. 15213  
I 28.30/4 : 965
- 14999 Antimony; by Donald E. Moulds. [1966.] [2]+10 p. [Preprint from  
Minerals yearbook, 1965.] \* Paper, 15c. I 28.37/a : An 87/965
- 15000 Boron; by William C. Miller. [1966.] [2]+8 p. [Preprint from Minerals  
yearbook, 1965.] \* Paper, 10c. I 28.37/a : B 645/965

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 61

# GOVERNMENT PUBLICATIONS

- 15001 Cobalt; by Harold W. Lynde, jr. [1966.] [2]+7 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c. I 28.37/a : C 632/965
- 15002 Coke producers in United States in 1965; [prepared by Eugene T. Sheridan]. Aug. 10, 1966. 11 p. 4° (Mineral industry surveys, Coke producers, annual.) † Mines Bureau, Pittsburgh, Pa. 15213 I 28.30/2 : 965
- 15003 Diatomite; by Benjamin Petkof. [1966.] [2]+4 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 5c. I 28.37/a : D 543/965
- 15004 Disabling work-injury experience of oil industry (all activities) and natural gas industry (excluding distribution activities) in United States, 1965; prepared by Nell B. Bradley, Gwen M. Watts, and Nina L. Jones. Aug. 1966. [1]+14 p. il. 4° (Mineral industry surveys; Oil and gas injuries, annual.) † Mines Bureau, Pittsburgh, Pa. 15213 I 28.108 : 965
- 15005 Feldspar, nepheline syenite, and aplite; by J. Robert Wells. [1966.] [2]+8 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c. I 28.37/a : F 333/2/965
- 15006 Fuel briquets and packaged fuel; by Eugene T. Sheridan. [1966.] [2]+14 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c. I 28.37/a : B 773/965
- 15007 Gem stones; by Benjamin Petkof. [1966.] [2]+6 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c. I 28.37/a : G 284/965
- 15008 Gypsum; by Paul L. Allsman. [1966.] [2]+8 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c. I 28.37/a : G 998/965
- 15009 Helium; by Edwin M. Thomasson. [1966.] [2]+8 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c. I 28.37/a : H 367/965
- Information circulars. ● Item 637-A I 28.27 : (nos.)
- 15010 8301. Forms of sulfur in U.S. coals; by F. W. Walker and F. E. Hartner. [1966.] [3]+51 p. 4° \* Paper, 35c. L.C. card 66-62231
- 15011 8302. Analyses of natural gases of United States, 1964; by B. J. Moore, R. D. Miller and R. D. Shrewsbury. [1966.] [3]+144 p. il. 4° \* Paper, 70c. L.C. card 64-61479
- 15012 8308. Research and technologic work on explosives, explosions, and flames, fiscal year 1965; by staff, Explosives Research Center. [1966.] [2]+il+19 p. il. 4° † Mines Bureau, Pittsburgh, Pa. 15213 L.C. card 58-25417
- 15013 Magnesium compounds; by Lloyd R. Williams. [1966.] [2]+10 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c. I 28.37/a : M 274/5/965
- 15014 Mineral industry of Albania; by Roman V. Sondermayer. [1966.] [2]+3 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 5c. I 28.37/a 2 : A1 13/965
- 15015 Mineral industry of Iraq; by James A. West. [1966.] [2]+4 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 5c. I 28.37/a2 : Ir 1/2/965
- 15016 Minerals industry of Israel; by E. Shekarchi. [1966.] [2]+6 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 5c. I 28.37/a 2 : Is 7/965
- 15017 Mineral industry of Jordan; [by E. Shekarchi]. [1966.] [2]+4 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 5c. I 28.37/a 2 : J 761/965
- 15018 Minor metals; by Staff, Division of Minerals. [1966.] [2]+16 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c. I 28.37/a : M 564/3/965
- 15019 Molybdenum; by John L. Morning. [1966.] [2]+11 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c. I 28.37/a : M 739/965
- 15020 Perlite; by Timothy C. May. [1966.] [2]+4 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 5c. I 28.37/a : P 421/965

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

## Report of investigations. • Item 637-A

I 28.23: (nos.)

- 15021 6816. Infrared spectroscopy studies of xanthatelagena system [with list of references]; by R. E. Coleman and H. E. Powell. [1966.] [2]+ii+24 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15022 6818. Electrolytes for electrorefining hafnium [with list of references]; by M. M. Wong, J. M. Hiegel, and G. M. Martinez. [1966.] [3]+9 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15023 6820. Determination of cesium and rubidium by flame photometry [with list of references]; by Kenneth R. Farley and H. E. Peterson. [1966.] [3]+19 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15024 6823. Analysis of stresses in rock disk subjected to peripheral thermal shock [with list of references]; by T. S. Chen and R. L. Marovelli. [1966.] [2]+ii+50 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15025 6824. Calibration of rotating piston deadweight gage by means of mercury column less than 1 meter high, significance of piston constants and their applications; by Earle S. Burnett and Paul V. Mullins. [1966.] [3]+22 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15026 6825. Preparation characteristics of coal from Webster County, W. Va.; by A. W. Deuerbrouck. [1966.] [2]+ii+30 p. il. 4° [Includes list of other Bureau of Mines publications in this series.] † Mines Bureau Pittsburgh, Pa., 15213
- 15027 6826. Two- and 3-phase relative permeability studies [with list of references]; by Erle C. Donaldson and Gordon W. Dean. [1966.] [3]+23 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15028 6827. Reaction interface speed as reducibility index for iron ore [with list of references]; by J. P. Hansen, T. N. Rushton, and C. W. Schultz. [1966.] [2]+ii+33 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15029 6828. Nonpegmatitic beryllium occurrences in Arizona, Colorado, New Mexico, Utah, and 4 adjacent States [with bibliography; by] Henry C. Meeves. [1966.] [2]+iii+68 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15030 6829. Reaction of coal in argon and argon-hydrogen plasmas [with list of references]; by Walter Kawa, Richard D. Graves, and Raymond W. Hitesblue. [1966.] [3]+19 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15031 6840. Detonation initiation in alkane-oxygen mixtures; by Elton L. Litchfield and Marilyn H. Hay. [1966.] [3]+6 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15032 Rhenium; by Richard F. Stevens, jr. [1966.] [2]+7 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c. I 28.37/a: R 343/965
- 15033 Water used in mineral industry of Alabama in 1962; [prepared by F. Vernon Tompkins]. Aug. 1, 1966. [7] leaves, il. 4° (Mineral industry surveys, Area 2, Knoxville, Tenn., 37902.) (II-43.) (Supplements II-22.) † Mines Bureau, Pittsburgh, Pa., 15213
- 15034 Zirconium and hafnium; by John G. Parker. [1966.] [1]+9 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c. I 28.37/a: Z 68/965

NARCOTICS BUREAU, Treasury Dept.  
Washington, D.C. 20226

- 15035 Traffic in opium and other dangerous drugs for year ended Dec. 31, 1965 [report, with list of Publications of international interest]. 1966. v+64 p. il. \* Paper, 30c. • Item 969  
L.C. card 31-26999 T 56.8: 965

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
Washington, D.C. 20546

- 15036 Activities in science related to space. [1966.] cover title, [1]+54 p. il. 4°  
† • Item 830-C  
L.C. card 66-62549 NAS 1.2: Sci 2/3/prelim.
- NASA contractor report CR (series). NAS 1.26: (nos.)
- 15037 492. Errata. Studies of mechanics of filamentary composites. by Norris F. Dow, B. Walter Rosen, Zvi Hashin, June 1966. [Sept. 1966.] 1 p. 4° †
- 15038 517. Precision winding of cylindrical composites with shaped glass filaments [with bibliography]; by Richard A. Humphrey. Aug. 1966. cover title, vii+39 p. il. 4° [Prepared under contract NASw-1100 by DeBell & Richardson, Inc., Hazardville, Conn.] † Paper, \$2.00.
- 15039 518. Initiation of failure mechanisms in glass-resin composites [with bibliography]; by William J. Eakins. Aug. 1966. cover title, viii+63 p. il. 4° [Prepared under contract NASw-1100 by DeBell & Richardson, Inc., Hazardville, Conn.] † Paper, \$3.00.  
L.C. card 66-62502

☐ For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
• Sent to Depository Libraries



# GOVERNMENT PUBLICATIONS

## NASA contractor report CR (series)—Continued

- 15040 521. Experimental investigation of flow fields about delta and double-delta wings at low speeds [with list of references]; by William H. Wentz, Jr., and Michael C. McMahon. Aug. 1966. cover title, [1]+143 p. il. 4°. [Prepared under grant NGR 17-003-003 by Wichita State University, Wichita, Kans.]  $\Phi$  Paper, \$4.00.
- 15041 523. Study of low density, high strength high modulus filaments and composites; by J. A. Alexander, R. G. Shaver, and J. C. Withers. July 1966. cover title, v+23 p. il. 4°. [Prepared under contract NASw-1020 by General Technologies Corporation, Alexandria, Va.]  $\Phi$  Paper, \$2.00.
- 15042 525. Conceptual design study for Mars entry vehicle damper [with list of references]; R. A. Winje. cover title, x+49+5+12 p. il. 4°. [Prepared under contract NAS 1-4301 by Boeing Company, Seattle, Wash.]  $\Phi$  Paper, \$3.00.
- 15043 527. Study of quasi-optimum feedback control techniques [with list of references]; by Bernard Friedland [and others]. Aug. 1966. cover title, v+105 p. il. 4°. [Prepared under contract NAS 2-2648 by General Precision, Inc., Little Falls, N.J. for Ames Research Center.]  $\Phi$  Paper, \$3.00.
- 15044 529. Diffusion and electron emission properties of duplex refractory metal thermionic emitters [with list of references]; by R. G. Hudson and L. Yang. Aug. 1966. cover title, [1]+26 p. il. 4°. [Prepared under contract NAS 3-4165 by General Dynamics, San Diego, Calif. for Lewis Research Center.]  $\Phi$  Paper, \$2.00.
- 15045 532. Human tracking, performance in uncoupled and coupled 2-axis systems [with list of references]; by E. P. Todosiev [and others]. Aug. 1966. cover title, xiii+172 p. il. 4°. [Prepared under contract NAS 1-4419 by TRW Systems, Redondo Beach, Calif.]  $\Phi$  Paper, \$5.00.
- 15046 534. Flight type oxygen partial pressure sensor; by S. A. Sternbergh and W. M. Hickam. Aug. 1966. cover title, iii+47 p. il. 4°. [Prepared under contract NAS 1-4340 by Westinghouse Electric Corporation, Pittsburgh, Pa.]  $\Phi$  Paper, \$2.00.
- 15047 535. Analysis of hypersonic pressure and heat transfer tests on delta wings with laminar and turbulent boundary layers [with list of references]; by A. L. Nagel, H. D. Fitzsimmons, and L. B. Doyle. Aug. 1966. cover title, v+195 p. il. 4°. [Prepared under contract NAS 1-4301 by Boeing Company, Seattle, Wash.]  $\Phi$  Paper, \$5.00.
- 15048 536. Analysis of hypersonic pressure and heat transfer tests on flat plate with flap and delta wing with body, elevons, fins, and rudders [with list of references]; by H. L. Giles and J. W. Thomas. Aug. 1966. cover title, v+122 p. il. 4°. [Prepared under contract NAS 1-4301 by Boeing Company, Seattle, Wash.]  $\Phi$  Paper, \$4.00.
- 15049 537. Analysis of pressure and heat transfer tests on surface roughness elements with laminar and turbulent boundary layers [with list of references]; by C. L. Jaek. Aug. 1966. cover title, v+143 p. il. 4°. [Prepared under contract NAS 1-4301 by Boeing Company, Seattle, Wash.]  $\Phi$  Paper, \$4.00.
- 15050 538. Flutter of multiple-streamwise bay rectangular panels at low supersonic Mach number [with list of references]; by D. R. Kobett. cover title, viii+30 p. il. 4°. [Prepared under contract NAS 1-4900 by Midwest Research Institute, Kansas City, Mo., for Langley Research Center.]  $\Phi$  Paper, \$2.00.
- 15051 541. Buckling of imperfect cylinders under axial compression [with list of references]; by G. A. Thurston and M. A. Freeland. July 1966. cover title, iv+45 p. il. 4°. [Prepared under contract NAS 1-4782 by Martin-Marietta Corporation, Denver, Colo., for Langley Research Center.]  $\Phi$  Paper, \$3.00.
- 15052 542. Pilot describing function measurements in multiloop task [with list of references]; by R. L. Stapleford, D. T. McRuer, and R. Magdalen. Aug. 1966. cover title, [1]+33 p. il. 4°. [Prepared under contract NAS 2-1868-3 by Systems Technology, Inc., Hawthorne, Calif.]  $\Phi$  Paper, \$2.00.
- 15053 546. Minimax control of large launch boosters; by K. D. Graham. July 1966. cover title, x+70 p. il. 4°. [Prepared under contract NAS 8-11206 by Honeywell, Inc., St. Paul, Minn., for George C. Marshall Space Flight Center.]  $\Phi$  Paper, \$3.00.
- 15054 547. Minimax studies [with lists of references]; by W. A. Glasser, K. D. Graham, and C. A. Harvey. Aug. 1966. cover title, vii+100 p. il. 4°. [Prepared contract NAS 8-11206 by Honeywell, Inc., St. Paul, Minn., for George C. Marshall Space Flight Center.]  $\Phi$  Paper, \$4.00.
- 15055 548. Data requirements for in-flight synthesis and multiple blender studies [with list of references]; by L. D. Edinger and G. S. White. Aug. 1966. cover title, x+98+[121] p. il. 4°. [Prepared under contract NAS 8-11206 by Honeywell, Inc., St. Paul, Minn.]  $\Phi$  Paper, \$6.00.
- 15056 549. Eigenvalue problem for beams and rectangular plates with linearly varying in-plane and axial load [with lists of references]; by Guy Fauconneau and William M. Laird. Aug. 1966. cover title, iii+[4]+30 p. il. 4°. [Prepared under grant NSG-634 by University of Pittsburgh, Pittsburgh, Pa.]  $\Phi$  Paper, \$2.00.
- 15057 550. Experimental study of buckling of complete spherical shells [with list of references]; by R. L. Carlson, R. L. Sendelbeck, and N. J. Hoff. Aug. 1966. cover title, v+59 p. il. 4°. [Prepared under grant NSG-630 by Stanford University, Stanford, Calif.]  $\Phi$  Paper, \$3.00.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 15058 553. Experimental investigations of solid nitrogen formed by cryopumping [with list of references]; by K. W. Rogers. Aug. 1966. cover title, iv+40 p. il. 4° [Prepared under contract NASw-1282 by Celestial Research Corporation, South Pasadena, Calif.]  $\Phi$  Paper, \$2.00.
- 15059 555. Root locus diagrams by digital computer [with list of references]; by Allan M. Krall and Robert Fornaro. Aug. 1966. cover title, [1]+35 p. il. 4° [Prepared under grant NGR-39-009-041 by Pennsylvania State University Park, Pa.]  $\Phi$  Paper, \$2.00.
- 15060 557. Air radiation tables, spectral distribution functions for molecular band systems [with list of references]; by Richard A. Allen. Aug. 1966. cover title, vii+[190] p. il. 4° [Prepared under contract DA-01-021-AMC-12005 (Z) and NASw-748 by Avco Corporation, Everett, Mass.] for Advanced Research Projects Agency and National Aeronautics and Space Administration.]  $\Phi$  Paper, \$3.25. L.C. card 66-62501
- 15061 558. Influence of boundary conditions on buckling load of cylindrical shells under axial compression [with list of references]; by Shigeo Kobayashi. Aug. 1966. cover title, vii+25 p. il. 4° [Prepared under grant NSG-18-59 by California Institute of Technology, Pasadena, Calif.]  $\Phi$  Paper, \$2.00.
- 15062 559. Transport phenomena in ionized gases as initial value problem [with list of references]; by D. A. Huchital and E. H. Holt. Sept. 1966. cover title, [1]+9 p. il. 4° [Prepared under grant NSG-48 by Rensselaer Polytechnic Institute, Troy, N.Y.]  $\Phi$  Paper, \$1.00.
- 15063 560. Effects of time delay in visual feedback loop of man-machine system [with list of references]; by John McLean Leslie. Sept. 1966. cover title, xii+112 p. il. 4° [Prepared under grant NSG 111-61 by Stanford University, Stanford, Calif.]  $\Phi$  Paper, \$3.00.
- 15064 561. Study of potential roles of supersonic transport crews and some implications for flight deck: v. 1. Workload, crew roles, flight deck concepts, and conclusions [with list of references]; by Harold E. Price, William D. Honsberger, and William J. Ereneta. Aug. 1966. cover title, xii+212 +A98 p. il. 4° [Prepared under contract NAS 2-2209 by Serendipity Associates, Chatsworth, Calif. Errata, 1 p., issued also.]  $\Phi$  Paper, \$3.75. L.C. card 66-62565
- 15065 563. Visual detection of point source targets [with list of references]; by R. A. Shea and L. G. Summers. Sept. 1966. cover title, viii+65 p. il. 4° [Prepared under contract NAS 2-2742 by TRW Systems, Redondo Beach, Calif.]  $\Phi$  Paper, \$2.50.
- 15066 565. Navigator study of electric propulsion for unmanned scientific missions, constant power mission analysis [with list of references]; by H. Brown and J. R. Taylor. Aug. 1966. cover title, [1]+42 p. il. 4° [Prepared under contract NAS 3-2533 by General Electric, Philadelphia, Pa.]  $\Phi$  Paper, \$2.00.
- 15067 568. Dual formulation of thin shell theory [with list of references]; by Z. M. Elias. Sept. 1966. cover title, [1]+30 p. il. 4° [Prepared under grant NGR 22-009-059 by Massachusetts Institute of Technology, Cambridge, Mass.]  $\Phi$  Paper, \$2.00.
- 15068 570. Physiologic observations on race car drivers; by Vincent P. Collins. Sept. 1966. cover title, x+114 p. il. 4° [Prepared under grant NSG-730 by Baylor University, Houston, Tex.]  $\Phi$  Paper, \$3.00. L.C. card 66-62503
- 15069 572. Axisymmetric response of cylindrical and hemispherical shells to time-dependent loading [with bibliographies]; by James Ting-Shun Wang, Wolfram Stadler, and Chi-wen Lin. Sept. 1966. cover title, iii+33 p. il. 4° [Prepared under grant NSG-571 by Georgia Institute of Technology, Atlanta, Ga.]  $\Phi$  Paper, \$2.00.
- 15070 573. Some preliminary design studies for very large orbiting radiotelescope [with list of references]; by W. M. Robbins, jr. Sept. 1966. cover title, vii+42 p. il. 4° [Prepared under contract NASw-652 by Astro Research Corporation, Santa Barbara, Calif.]  $\Phi$  Paper, \$2.00. L.C. card 66-62564
- 15071 574. On use of filament wound toroids as pneumatic shock absorbers [with list of references]; by Richard H. MacNeal and Julius Loisch. Sept. 1966. cover title, viii+43 p. il. 4° [Prepared under contract NASw-652 by Astro Research Corporation, Santa Barbara, Calif.]  $\Phi$  Paper, \$2.00.
- 15072 579. Application of approach speed criteria derived from closed-loop pilot-vehicle systems analyses to ogee wing aircraft [with list of references]; by Richard J. Wasicko. Sept. 1966. NAS 2-1868 by Systems Technology, Inc., Hawthorne, Calif.]  $\Phi$  Paper, \$2.50.
- 15073 582. Contribution to micromechanics of composite materials, stresses and failure mechanisms induced by inclusions [with list of references]; by H. Schuerch. Sept. 1966. cover title, xiv+55 p. il. 4° [Prepared under contract NAS 7-427 by Astro Research Corporation, Santa Barbara, Calif.]  $\Phi$  Paper, \$2.50.
- 15074 583. Study of perturbed periodic systems of differential equations, stroboscopic method [with bibliography]; by C. M. Petty [and others]. Sept. 1966. cover title, iii+55 p. 4° [Prepared under contract NAS 7-382 by Lockheed Aircraft Corporation, Palo Alto, Calif.  $\Phi$  Paper, \$2.50.

$\Phi$ For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 65



# GOVERNMENT PUBLICATIONS

## NASA contractor report CR (series)—Continued

- 15075 590. Transistor design effects on radiation resistance [with list of references]; by V. R. Honnold, G. D. Thomas, and C. C. Berggren. Sept. 1966. cover title, vi+67 p. il. 4° [Prepared under contract NAS 1-4595 by Hughes Aircraft Company, Fullerton, Calif.]  $\Phi$  Paper, \$2.50.
- 15076 591. Analysis of vaporization of liquid uranium, metal and carbon systems at 9000° and 10,000° R [with list of references]; by L. Kaufman and E. T. Peters. Sept. 1966. cover title, v+44 p. il. 4° [Prepared under contract NAS 3-8036 by Manlabs, Inc., Cambridge, Mass.]  $\Phi$  Paper, \$2.00.
- 15077 596. Estimates of nonequilibrium ionization phenomena in inviscid Apollo plasma sheath [with list of references]; by M. G. Dunn [and others]. Sept. 1966. cover title, x+56 p. il. 4° [Prepared under contract NAS 5-3976 by Cornell Aeronautical Laboratory, Inc., Buffalo, N.Y. Presented at 3d Symposium on Plasma Sheath, Plasma Electromagnetics and Hypersonic Flight, sponsored by Air Force Cambridge Research Laboratories, Boston, Mass., Sept. 21-23, 1965.]  $\Phi$  Paper, \$2.50.

## NASA EP (series).

- 15078 40. Communications satellites. [1966.] cover title, 16 p. il. 4° [Text on p. 3 of cover.] \* Paper, 15c.  $\bullet$  Item 830-G  
L.C. card 66-62554 NAS 1.19: 40

## NASA SP (series).

NAS 1.21: (nos.)

- 15079 86. Medical aspects of orbiting research laboratory, Space Medicine Advisory Group study, Jan.-Aug. 1964 [with list of references; by] S. P. Vinograd. 1966. xlii+144 p. il. 4° (Scientific and Technical Information Division.) \* Paper, \$1.00.  $\bullet$  Item 830-I  
L.C. card 66-62458
- 15080 91. Significant achievements in space astronomy, 1958-1964 [with list of references]. 1966. vii+73 p. il. (Scientific and Technical Information Division.) \* Paper, 45c.  $\bullet$  Item 830-I  
L.C. card 66-62510
- 15081 109. Development of small animal payload and integration with sounding rocket [with list of references]; edited by Larry J. Early. 1966. vii+98 p. il. 4° (Scientific and Technical Information Division.) \* Paper, 30c.  $\bullet$  Item 830-I  
L.C. card 66-60024
- 15082 5020. Vibrating diaphragm pressure transducer [with list of references; prepared by J. Derwin King.] Aug. 1966. v+27 p. il. 4° (Technology utilization report; Technology Utilization Division.) [Prepared under contract for NASA by Southwest Research Institute.] \* Paper, 30c.  $\bullet$  Item 830-I  
L.C. card 66-62455
- 15083 5021 (03). Index to NASA tech briefs Jan.-June 1966. Aug. 1966. cover title, iv+20+38 p. 4° [Supplements Cumulative index to NASA tech briefs, NASA SP-5021(02), Feb. 1966.]  $\Phi$  Paper, \$1.00.  
L.C. card 65-60677
- 15084 5041. NASA contributions to cardiovascular monitoring [with list of references]; by William J. Jones and Wyatt C. Simpson, Bioengineering and Biosciences Technology Department, Westinghouse Electric Corporation, Research Laboratories, Pittsburgh, Pa. 1966. vii+43 p. il. (Technical survey; Technology Utilization Division.) \* Paper, 25c.  $\bullet$  Item 830-I  
L.C. card 66-60093
- 15085 5053. Conference on Selected Technology for Petroleum Industry. Lewis Research Center, Cleveland, Ohio, Dec. 8-9, 1965 [articles, with bibliographies]. 1966. v+169 p. il. 4° (Scientific and Technical Information Division.) \* Paper, \$1.25.  $\bullet$  Item 830-I  
L.C. card 66-62504
- 15086 5055. Non-glassy inorganic fibers and composites [with list of references]; by Cameron G. Harman. Aug. 1966. v+44 p. il. 4° (Technology utilization report, Technology Utilization Division.) [Prepared under contract for NASA by Southwest Research Institute, San Antonio, Tex.] \* Paper, 35c.  $\bullet$  Item 830-I  
L.C. card 66-6251
- 15087 6008 & 6008 (01). Structural systems and program decisions, v. 1 and 2, prepared by Apollo Program Office, errata. [Sept. 6, 1966.] [3] leaves, 4°  $\dagger$
- 15088 6008 (01). Apollo program, Office of Manned Space Flight, structural systems and program decisions, v. 2; prepared by Apollo Program Office. [1966.] [2]+x+[267] p. il. 4° [Manuscript correction on cover and on title page changes serial designation to NASA SP-6008-01.]  $\Phi$  Paper, \$3.75.  
L.C. card 66-61918
- 15089 7009 (01). Lasers and masers, continuing bibliography with indexes, selection of annotated references to unclassified reports and journal articles introduced into NASA information system, Feb. 1965-Apr. 1966. July 1966. vi+211+I-219 p. 4° (Scientific and Technical Information Division.)  $\Phi$  Paper, \$2.50.  
L.C. card 65-61783

\*For Sale by Superintendent of Documents

$\dagger$ Distribution Made by Issuing Office

$\Phi$ Official Use. Not Available



- 15090 7011 (26). Aerospace medicine and biology continuing bibliography with indexes, selection of annotated references to unclassified reports and journal articles that were introduced into NASA information system during June 1966. July 1966. vi+88+101 p. 4° (Scientific and Technical Information Division.) [Compiled through cooperative efforts of Aerospace Medicine and Biology Bibliography Project of Library of Congress (L.C.) and American Institute of Aeronautics and Astronautics (AIAA).]  $\Phi$  Paper, \$1.00.  
L.C. card 65-62677
- 15091 7017 (01). Planetary atmospheres, continuing bibliography with indexes, selection of annotated references to unclassified reports and journal articles that were introduced into NASA information system during period Feb. 1963-May 1966; [prepared by NASA Scientific and Technical Information Facility]. Aug. 1966. vi+73+59 p. 4° (Scientific and Technical Information Division.)  $\Phi$  Paper, \$1.50.  
L.C. card 65-62497

NASA tech briefs. [Issued by Technology Utilization Division to summarize specific technical innovations derived from the space program. Issued with perforations.]  $\Phi$  Paper, each 15c. NAS 1.29: (nos.)

- 15092 66-10273. Boron-deoxidized copper withstands brazing temperatures. July 1966. [2] p. 4° ([M-FS-762.])
- 15093 66-10294. Pneumatic separator gives quick release to heavy loads. July 1966. 1 p. ii. 4° (KSC-66-10.)
- 15094 66-10297. Diaphragm spring gives clutch over-center toggle effect. Aug. 1966. [2] p. ii. 4° ([GSFC-499.])
- 15095 66-10316. Legibility of electroluminescent instrument panels investigated, Aug. 1966. 1 p. 4° (MSC-494, 496, 501, and 505.)
- 15096 66-10365. Diaphragm valve for corrosive and high temperature fluid flow control has unique features. Aug. 1966. [2] p. ii. 4° ([Lewis-304.])
- 15097 66-10366. Hollow spherical rotors fabricated by electroplating. Aug. 1966. [2] p. ii. 4° ([JPL-SC-117.])
- 15098 66-10367. Dot patterns provide reproducible flaw areas for study of adhesive bonds. Aug. 1966. 1 p. 4° (M-FS-862.)
- 15099 66-10369. Automatic protective vent has fail-safe feature. Aug. 1966. [2] p. ii. 4° ([Langley-218.])
- 15100 66-10370. Portable lightweight cell provides controlled environment. Aug. 1966. [2] p. ii. 4° ([MSC-648.])
- 15101 66-10371. Brazing retort manifold design concept may minimize air contamination and enhance uniform gas flow. Aug. 1966. [2] p. ii. 4° ([M-FS-707.])
- 15102 66-10372. Special treatment reduces helium permeation of glass in vacuum systems. Aug. 1966. 1 p. 4° (HG-25.)
- 15103 66-10373. Bearing alloys with hexagonal crystal structures provide improved friction and wear characteristics. Aug. 1966. [2] p. 4° ([Lewis-320.])
- 15104 66-10374. Pneumatic binary encoder replaces multiple solenoid system. Aug. 1966. [2] p. ii. 4° ([M-FS-605.])
- 15105 66-10375. Impact- and puncture-resistant material protects parts from damage. Aug. 1966. [2] p. ii. 4° ([MSC-747.])
- 15106 66-10376. Efficient dc to dc converter eliminates large stray magnetic fields. Aug. 1966. [2] p. ii. 4° ([GSFC-463.])
- 15107 66-10377. Single channel pulse-height analyzer operates in subnanosecond range. Aug. 1966. [2] p. ii. 4° ([Lewis-267.])
- 15108 66-10378. Nonhazardous acid etches weld samples. Aug. 1966. 1 p. 4° (M-FS-975.)
- 15109 66-10379. Human transfer functions used to predict system performance parameters. Aug. 1966. [2] p. ii. 4° ([Langley 203.])
- 15110 66-10380. Submicron holes in thin films increase sampling range of mass spectrometers. Aug. 1966. [2] p. ii. 4° ([JPL-SC-097.])
- 15111 66-10381. Gas-injection valve operates at high speed. Aug. 1966. [2] p. ii. 4° ([HQ-49.])
- 15112 66-10382. Feedback loop compensates for rectifier nonlinearity. Aug. 1966. [2] p. ii. 4° ([M-FS-384.])
- 15113 66-10383. Gear drive automatically indexes rotary table. Aug. 1966. [2] p. ii. 4° ([M-FS-753.])
- 15114 66-10384. Universal transloader moves delicate equipment without stress. Aug. 1966. [2] p. ii. 4° ([MSC-654.])
- 15115 66-10385. Inflatable O-ring seal would ease closing of hatch cover plate. Aug. 1966. [2] p. ii. 4° ([MSC-740.])
- 15116 66-10386. Parallel line raster eliminates ambiguities in reading timing of pulses less than 500  $\mu$  sec apart. Sept. 1966. 1 p. ii. 4° ([JPL-805.])
- 15117 66-10387. Self-supported aluminum thin films produced by vacuum deposition process. Sept. 1966. 1 p. 4° (ARC-58.)
- 15118 66-10388. Auxiliary titanium sublimation pump produces ultrahigh ( $10^{-11}$  torr) vacuum. Sept. 1966. [2] p. ii. 4° ([Langley 212.])
- 15119 66-10389. System monitors discrete computer inputs. Aug. 1966. [2] p. ii. 4° ([M-FS-1021.])
- 15120 66-10390. One-piece transparent shell improves design of helmet assembly. Aug. 1966. [2] p. ii. 4° ([MSC-187.])
- 15121 66-10391. Junction connectors permit strategic placement of television cameras. Sept. 1966. [2] p. ii. 4° ([KSC-66-22.])
- 15122 66-10392. Inductive system detects level of conducting fluids. Aug. 1966. [2] p. ii. 4° ([Lewis-322.])

$\Phi$ For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 67

# GOVERNMENT PUBLICATIONS

## NASA tech briefs—Continued

- 15123 66-10393. Composite filter steepens rejection slopes in microwave application. Aug. 1966. [2] p. il. 4° ([GSFC-480.])
- 15124 66-10394. High pressure cryogenic liquid flow sight assembly provides streamlined flow for easy observation. Aug. 1966. [2] p. il. 4° ([Lewis-310.])
- 15125 66-10395. Composite gaskets are compatible with liquid oxygen resist compression set. Sept. 1966. 1 p. 4° (M-FS-455.)
- 15126 66-10396. Solid state detectors monitor relay contacts. Sept. 1966. [2] p. il. 4° ([JPL-785.])
- 15127 66-10397. Minimum permissible leakage resistance established for instrumentation systems. Sept. 1966. [2] p. 4° ([M-FS-848.])
- 15128 66-10398. Thin-film ferrites vapor deposited by one-step process in vacuum. Sept. 1966. [2] p. il. 4° ([MSC-259.])
- 15129 66-10399. Expandable takeup reel facilitates paper tape removal. Sept. 1966. [2] p. il. 4° ([WOO-271.])

## NASA technical memorandum TM (series).

- 15130 X-1268. High-vacuum technology, testing, and measurement meeting, June 8-9, 1965, compilation of papers [with lists of references]. Aug. 1966. cover title, v+219 p. il. 4° (Lewis Research Center, Cleveland, Ohio.)  $\Phi$  Paper, \$6.00  
L.C. card 66-62461

NAS 1.15: X-1268

## NASA technical note TN (series).

NAS 1.14: D-(nos.)

- 15131 D-2360. Errata, Effects of leading-edge sweep on flutter characteristics of some delta-planform surfaces at Mach number of 15.4, July 1964, by Robert C. Goetz. [Sept. 12, 1966.] [2] p. 4°  $\Phi$
- 15132 D-2366. Errata, Analog study of rotating-solid-rocket control system and its application to attitude control of space-vehicle upper stage, by A. Thomas Young and Jack E. Harris, Aug. 1964. [Sept. 12, 1966.] 2 p. 4°  $\Phi$
- 15133 D-2838. Errata, Experimental pressure-drop investigation of nonwetting, condensing flow of mercury vapor in constant-diameter tube in 1-g and zero-gravity environments June 1965, by James A. Albers and Robert P. Macosko. [Sept. 19, 1966.] [3] leaves, il. 4°  $\Phi$
- 15134 D-3185. Errata, Condensation pressure in uniformly tapered tube in 1-g and zero-gravity environments, Jan. 1966, by James A. Albers and Robert P. Macosko. [Sept. 19, 1966.] 1 p. 4°  $\Phi$
- 15135 D-3239. Accuracy of 3 methods for determination of oxygen in potassium at concentrations less than 20 parts per million [with list of references]; by Randall F. Gahn and Louis Rosenblum. Aug. 1966. cover title, [1]+16 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15136 D-3316. Drift of inclined-orbit 24-hour satellite in earth gravity field through 4th order [with lists of references]; by C. A. Wagner. Aug. 1966. cover title, iv+65 p. il. 4°  $\Phi$  Paper, \$2.50.
- 15137 D-3317. Gravity potential and force field of earth through 4th order [with list of references]; by C. A. Wagner. Aug. 1966. cover title, iii+60 p. il. 4°  $\Phi$  Paper, \$2.50.
- 15138 D-3354. Visual study of velocity and buoyancy effects on boiling nitrogen [with list of references]; by Robert J. Simoneau and Frederick F. Simon. Sept. 1966. cover title, [1]+21 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15139 D-3408. Supersonic investigation of effects of configuration geometry on pressure-coefficient and section normal-force-coefficient distributions for 2-stage launch vehicle [with list of references]; by James A. Blackwell, Jr. Aug. 1966. cover title, [1]+43 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15140 D-3409. Mechanical and physical properties of Echo II metal-polymer laminate; by C. L. Staigaltis and L. Kobren. Aug. 1966. cover title, iv+32 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15141 D-3413. Dynamic-model investigation of some landings and slideouts of recoverable booster [with list of references]; by William C. Thompson. Aug. 1966. cover title, [1]+20 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15142 D-3476. Comparison of performance of PCM and PFM telemetry systems [with list of references]; by Cyrus J. Creveling. Aug. 1966. cover title, iii+10 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15143 D-3489. Design procedure for weight optimization of straight finned radiators [with list of references]; by Dale W. Harris, R. J. Burian and J. J. Ketchman. Aug. 1966. cover title, iii+26 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15144 D-3493. Low-speed tests of 50°-swept parawings applied to 0.17-scale model of manned flight vehicle [with list of references]; by Frank M. Bugge. Aug. 1966. cover title, [1]+52 p. il. 4°  $\Phi$  Paper, \$3.00.
- 15145 D-3494. Error detection and correction approach to time decoding problem; by A. M. Demmerle, T. J. Karnas, and P. J. McConeny. Aug. 1966. cover title, iii+17 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15146 D-3497. On dynamics of capillaries and existence of plasma flow in pericapillary lymph space [with list of references]; by John T. Howe and Yvonne S. Sheaffer. Aug. 1966. cover title, [1]+28 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15147 D-3513. Atomization of ethanol jets in combustor with oscillatory combustion-gas flow [with list of references]; by Robert D. Ingebo. July 1966. cover title, [1]+18 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15148 D-3516. Pressure distributions due to 2-dimensional fabrication-type surface roughness on ogive cylinder at transonic speeds [with list of references]; by K. R. Czarnecki and William J. Monta. Aug. 1966. cover title, [1]+78 p. il. 4°  $\Phi$  Paper, \$3.00.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



# OCTOBER 1966

- 15149 D-3517. Roughness effects on boundary-layer transition for blunt-leading-edge plates at Mach 6 [with list of references]; by Paul F. Holloway and E. Leon Morrisette. Aug. 1966. cover title, [1]+40 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15150 D-3518. Determination of orbit of spacecraft with respect to object in known circular orbit [with list of references]; by Robert Scott Dunning. Aug. 1966. cover title, [1]+44 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15151 D-3519. Pressure drags due to 2-dimensional fabrication-type surface roughness on ogive cylinder at transonic speeds [with list of references]; by K. R. Czarnecki and William J. Monta. Aug. 1966. cover title, [1]+54 p. il. 4°  $\Phi$  Paper, \$3.00.
- 15152 D-3520. Experiments on effects of atmospheric refraction and airplane accelerations on sonic-boom ground-pressure patterns [with list of references]; by Domenic J. Maglieri, David A. Hilton, and Norman J. McLeod. July 1966. cover title, [1]+32 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15153 D-3523. Hypersonic laminar viscous interaction effects on aerodynamics of 2-dimensional wedge and triangular planform wings [with list of references]; by Mitchel H. Bertram. Aug. 1966. cover title, [1]+84 p. il. 4°  $\Phi$  Paper, \$3.00.
- 15154 D-3524. Visual simulation of lunar orbit establishment using simplified guidance technique [with list of references]; by G. Kimball Miller, jr. and Gene W. Sparrow. Aug. 1966. cover title, [1]+34 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15155 D-3526. Stagnation and static pressures on nose-mounted 15° conical probe with various forebody configurations [with list of references]; by Edward M. Coates, jr. Aug. 1966. cover title, [1]+115 p. il. 4°  $\Phi$  Paper, \$4.00.
- 15156 D-3538. Calculation of thermodynamic properties of arbitrary gas mixtures with modified vibrational-rotational corrections [with list of references]; by Dennis O. Allison. Aug. 1966. cover title, [1]+40 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15157 D-3539. Supersonic aerodynamic characteristics of series of related bodies with cross-sectional ellipticity [with list of references]; by Roger H. Fournier, Bernard Spencer, jr., and William A. Corlett. Aug. 1966. cover title, [1]+58 p. il. 4°  $\Phi$  Paper, \$3.00.
- 15158 D-3540. Direct calculation of specific heats and related thermodynamic properties of arbitrary gas mixtures with tabulated results [with list of references]; by Perry A. Newman and Dennis O. Allison. Aug. 1966. cover title, [1]+55 p. il. 4°  $\Phi$  Paper, \$2.50.
- 15159 D-3541. Longitudinal aerodynamic characteristics of tension shell entry configuration at Mach 20 [with list of references]; by Theodore R. Creel, jr. Aug. 1966. cover title, [1]+27 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15160 D-3542. Low-speed wind-tunnel studies relating to pitch-up on supersonic transport model with high-aspect-ratio variable-sweep wing [with list of references]; by Vernard E. Lockwood. Aug. 1966. cover title, [1]+73 p. il. 4°  $\Phi$  Paper, \$3.00.
- 15161 D-3543. Thermal distortions of thin-walled paraboloidal shells [with list of references]; by Joseph E. Walz. Aug. 1966. cover title, [1]+41 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15162 D-3544. Static stability characteristics of cone and half-cone-pyramid configurations at Mach 6.83 [with list of references]; by Peter T. Bernot and Bruce C. Jordan. Aug. 1966. cover title, [1]+30 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15163 D-3549. Vibrational characteristics of sandwich panels in reduced pressure environment [with list of references]; by Clemans A. Powell, jr. and David G. Stephens. Aug. 1966. cover title, [1]+17 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15164 D-3550. Analysis of supersonic flow phenomena in conical nozzles by method of characteristics [with list of references]; by Linwood B. Callis. Aug. 1966. cover title, [1]+47 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15165 D-3552. Heat-transfer analysis of Plum Brook reactor [with list of references]; by Harry J. Reilly, Kenneth J. Baumeister, and Salvi Altomare. Aug. 1966. cover title, [1]+31 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15166 D-3554. Manufacture of lithium-drifted silicon surface-barrier semiconductor counters [with list of references]; by Norton Baron and Gerald A. Kaminski. Aug. 1966. cover title, [1]+22 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15167 D-3555. Critical mass studies with NASA zero power reactor II: 2. Heterogeneous arrays of cylindrical voids [with list of references]; by Thomas A. Fox, Robert A. Mueller, and C. Hubbard Ford. Aug. 1966. cover title, [1]+23 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15168 D-3558. Low power nanosecond pulse and logic circuits using tunnel diodes; by Stephen Paull, Ciro A. Cancro, and Norman M. Garrahan. Aug. 1966. cover title, iii+15 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15169 D-3560. Range residuals in VHF radar tracking [with list of references]; by B. Rosenbaum. Aug. 1966. cover title, iii+12 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15170 D-3562. Computational procedure for Vinti's accurate reference orbit with inclusion of 3d zonal harmonic [with list of references]; by N. L. Bonavito. Aug. 1966. cover title, iii+16 p. 4°  $\Phi$  Paper, \$1.00.
- 15171 D-3563. Attenuation of sinusoidal disturbances in nonviscous liquid flowing in long line with distributed leakage [with list of references]; by Robert J. Blade and Carl M. Holland. Aug. 1966. cover title, [1]+28 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15172 D-3564. Lunar structures as deduced from Muong Nong tektites [with list of references]; by J. A. O'Keefe and I. Adler. Aug. 1966. cover title, iii+12 p. il. 4°  $\Phi$  Paper, \$1.00.

$\Phi$ For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries



# GOVERNMENT PUBLICATIONS

## NASA technical note TN (series)—Continued

- 15173 D-3566. Experimental rocket performance of Apollo storable propellants in engines with large area ratio nozzle [with list of references]; by Carl A. Aukerman and Arthur M. Trout. Aug. 1966. cover title, [1]+41 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15174 D-3567. Use of phase-locked-loop control for driving ultrasonic transducers [with list of references]; by L. Jack Smith. Aug. 1966. cover title, [1]+8 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15175 D-3568. Instrument system for determining temperature effects on maximum induction of magnetic materials [with list of references]; by Anthony C. Hoffman. Aug. 1966. cover title, [1]+12 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15176 D-3569. Flight parameters and vehicle performance for Project Fire flight II, launched May 22, 1965 [with list of references]; by John H. Lewis, jr., and William I. Scallion. Aug. 1966. cover title, [1]+98 p. il. 4°  $\Phi$  Paper, \$2.50.
- 15177 D-3572. Magnetic field outside perfect rectangular conductors [with list of references]; by Lawrence Flax and Joseph H. Simmons. Aug. 1966. cover title, [1]+19 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15178 D-3573. Portran IV 2-dimensional discrete angular segmentation transport program [with list of references]; by Clayton E. Barber. Aug. 1966. cover title, [3]+185 p. il. 4°  $\Phi$  Paper, \$3.25.
- 15179 D-3574. Effects of rubidium vapor on Bayard-Alpert ionization gages at pressures less than  $1 \times 10^{-6}$  torr [with list of references]; by Robert L. Summers. Sept. 1966. cover title, [1]+8 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15180 D-3575. Kinetics of fluorination of iron [with list of references]; by Patricia M. O'Donnell. Aug. 1966. cover title, [1]+12 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15181 D-3576. Error rate reduction of parity checked telemetry data by likelihood deletion strategy [with list of references]; by Dale R. Lumb and Frank Neuman. Aug. 1966. cover title, [3]+44 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15182 D-3577. Digital higher order interpolation path controller [with list of references]; by William Granville Batte. Sept. 1966. cover title, iv+85 p. il. 4°  $\Phi$  Paper, \$2.50.
- 15183 D-3590. Electrical resistivity and conductivity of tungsten-fiber-reinforced copper composites [with list of references]; by David L. McDanelis. Aug. 1966. cover title, [1]+9 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15184 D-3592. Use of reaction wheels and nonlinear control for satellite scanning small celestial area [with list of references]; by Frederick G. Edwards. Aug. 1966. cover title, [3]+50 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15185 D-3593. Friction characteristics of single-crystal and polycrystalline aluminum oxide in contact with various metals in vacuum [with list of references]; by Donald H. Buckley. Sept. 1966. cover title, [1]+16 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15186 D-3595. Superconducting magnetic bottle for plasma physics experiments [with list of references]; by Willard D. Coles, John C. Pagan, and James C. Laurence. Aug. 1966. cover title, [1]+13 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15187 D-3596. Desorption kinetics of multiple adsorbates-cesium with fluorine on molybdenum and tungsten [with list of references]; by Leonard K. Tower. Aug. 1966. cover title, [1]+35 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15188 D-3597. Investigation of columbium-modified NASA TAZ-8 superalloy [with list of references]; by William J. Waters and John C. Freche. Sept. 1966. cover title, [1]+30 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15189 D-3598. Analysis of heat-rejection characteristics of space radiator panels utilizing shared fins [with list of references]; by Mario A. Colaluca, Henry C. Haller, and Seymour Lieblein. Aug. 1966. cover title, [1]+31 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15190 D-3599. Friction characteristics of single crystal and polycrystalline aluminum oxide in contact in vacuum [with list of references]; by Donald H. Buckley. Sept. 1966. cover title, [1]+13 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15191 D-3602. Blade element performance of axial-flow pump rotor with blade tip diffusion factor of 0.66 [with list of references]; by Max J. Miller and Donald M. Sandercock. Sept. 1966. cover title, [1]+33 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15192 D-3603. Analysis and correlation of heat-transfer coefficient and friction factor data for dilute gas-solid suspensions [with list of references]; by Robert Pfeffer, Salvatore Rossetti, and Seymour Lieblein. Sept. 1966. cover title, iv+58 p. il. 4°  $\Phi$  Paper, \$2.50.
- 15193 D-3604. Some practical aspects of surface temperature measurement by optical and ratio pyrometers [with list of references]; by J. Robert Branstetter. Sept. 1966. cover title, iv+67 p. il. 4°  $\Phi$  Paper, \$2.50. L.C. card 66-62462
- 15194 D-3606. Finite-thrust escape from and capture into circular and elliptic orbits [with list of references]; by Edward A. Willis, jr. Sept. 1966. cover title, [1]+65 p. il. 4°  $\Phi$  Paper, \$2.50.
- 15195 D-3607. Comparison of experimental and kinetically limited theoretical performance of hydrogen-fluorine propellant system [with list of references]; by David A. Bittker. Aug. 1966. cover title, [1]+17 p. il. 4°  $\Phi$  Paper, \$1.00.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1966

- 15196 D-3611. Design equations of swept frequency spectrum analyzers for in-flight vibration analysis [with list of references]; by Edward F. Miller and David L. Wright. Sept. 1966. cover title, [1]+32 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15197 D-3614. Radiative interactions between absorbing-emitting and flowing media with internal energy generation [with list of references]; by John R. Howell. Sept. 1966. cover title, [1]+29 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15198 D-3615. Effect of discontinuities in surface catalytic activity on laminar heat transfer in arc-heated nitrogen streams [with list of references]; by Robert E. Sheldahl and Ernest L. Winkler. Sept. 1966. cover title, [1]+25 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15199 D-3628. 5-centimeter-diameter electron-bombardment thruster with permanent magnets [with list of references]; by Joseph F. Wasserbauer. Sept. 1966. cover title, [1]+32 p. il. 4°  $\Phi$  Paper, \$2.00.
- 15200 D-3629. Analysis of transient flow of hydrogen in heated passages in laminar-turbulent transition region [with list of references]; by Robert W. Leko. Sept. 1966. cover title, [1]+22 p. il. 4°  $\Phi$  Paper, \$1.00.
- 15201 D-3635. Flow and pressure field analysis of parallel groove geometry for incompressible fluid with convective inertia effects [with list of references]; by John Zuk, Lawrence P. Ludwig, and Robert L. Johnson. Sept. 1966. cover title, [1]+36 p. il. 4°  $\Phi$  Paper, \$2.00.

## NASA technical report R (series).

- 15202 247. System for inertial experiment pointing and attitude control [with list of references]; by Peter R. Kurzhals and Carolyn Grantham. Aug. 1966. cover title, [1]+65 p. il. 4°  $\Phi$  Paper, \$2.50 NAS 1.12: 247

## NASA technical translation TT (series).

- 15203 F-373. Automatic regulation and control, selected parts [with lists of references]; by B. I. Andreychikov, et al. July 1966. cover title, ix+383 p. il. 4° [Reports presented at 7th Conference of Young Scientists of Institute of Automation and Remote Control of Academy of Sciences USSR, held in Mar. 1960 [From Izdatel'stvo Akademii Nauk SSSR, 1962.]  $\Phi$  Paper, \$7.00. NAS 1.13/2: F-373

## NATIONAL AGRICULTURAL LIBRARY, Agriculture Dept. Washington, D.C. 20250

### Library lists. † A 17.17: (nos.)

- 15204 25. Available bibliographies and lists. [Revised edition.] Aug. 1966. [2] p. 4° L.C. list Agr 46-109
- 15205 83. Soybean processing and utilization, selected list of references, 1955-65. Aug. 1966. cover title, iv+183 p. 4°  $\bullet$  Item 95-A L.C. card Agr 66-277

## NATIONAL BUREAU OF STANDARDS, Commerce Dept. Washington, D.C. 20235

### Monographs. $\bullet$ Item 247-A C 13.144: (nos.)

- 15206 25. Standard X-ray diffraction powder patterns; sec. 4 [Data for 103 substances, with lists of references; by] Howard E. Swanson, Marlene C. Morris, and Eloise H. Evans. June 28, 1966. iv+83 p. il. 4° [Includes cumulative index to Circular 539, v. 1-10, and Monograph 25, sec. 1-4.]  $\bullet$  Paper, 55c. L.C. card 53-61386
- 15207 96. Electrical parameters of precision, coaxial, air-dielectric transmission lines, Robert E. Nelson and Marlene R. Coryell, errata. July 25, 1966. 1 p. 4° † L.C. card 66-60053

### Review of selected U.S. Government research and development reports OTR (series). (Clearinghouse for Federal Scientific and Technical Information.)

- 15208 139. Flexible, transparent packaging materials. July 1966. 20 p.  $\Phi$  L.C. card 66-62518 C 13.49: 139

### Technical notes. $\bullet$ Item 249-A C 13.46: (nos.)

- 15209 277. Analytical Mass Spectrometry Section, instrumentation and procedures for isotopic analysis; edited by William R. Shields. July 25, 1966. vii+99 p. il. 4°  $\bullet$  Paper, 60c. L.C. card 66-62505
- 15210 341. Long-term performance of 2 rubidium vapor frequency standards [with list of references; by] B. E. Blair and A. H. Morgan. June 22, 1966. iv+31 p. il. 4°  $\bullet$  Paper, 25c.
- 15211 342. Hydromagnetic wave propagation near 1 c/s in upper atmosphere and properties and interpretation of Pc 1 micropulsations [with list of references; by] John A. Dawson. June 30, 1966. v+66 p. il. 4°  $\bullet$  Paper, 40c.

$\Phi$ For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
 $\bullet$ Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

NATIONAL CAPITAL PLANNING COMMISSION  
Washington, D.C. 20576

- 15212 Problems of housing people in Washington, D.C., synopsis of findings, special report to community. July 1966. [10]+126 p. il. 4° [Includes bibliography of sources on population and housing in District of Columbia.] † ● Item 831-A  
L.C. card 66-62088 NC 2.2: H 81

NATIONAL CAPITAL REGIONAL PLANNING COUNCIL  
Washington, D.C. 20576

- 15213 Regional development guide, 1966-2000. [1966.] [2] p. il. f°, folded into oblong 48° size. [One illustration is colored.] † ● Item 831-A  
NC 3.8: D 49

NATIONAL COMMISSION ON FOOD MARKETING  
Washington, D.C. 20407

NOTE.—The National Commission on Food Marketing was established by Public Law 88-354, approved July 3, 1964.

Technical studies. ● Item 1070-G

Y 3.N 21/22: 9/(nos.)

- 15214 1. Organization and competition in livestock and meat industry. June 1966. vi+189 p. il. \* Paper, 55c.  
L.C. card 66-62566
- 15215 4. Organization and competition in fruit and vegetable industry. June 1966. vi+[1]+392 p. il. \* Paper, \$1.25.  
L.C. card 66-62567
- 15216 6. Studies of organization and competition in grocery manufacturing; [prepared by Louis W. Stern, assisted by Thomas J. Hogan]. June 1966. vi+270 p. il. \* Paper, 75c.  
L.C. card 66-62568
- 15217 7. Organization and competition in food retailing, supp. 2, Miscellaneous statistical data on food retailing. June 1966. [6]+40+[2] p. 4° [Publication reads Technical report 7.] †
- 15218 10. Special studies in food marketing: Private label products in food retailing [prepared by David L. Call]; Retail food prices in low and higher income areas; [and] Notes on economic regulation. June 1966. vii+289 p. \* Paper, 65c.  
L.C. card 66-62508

NATIONAL LIBRARY OF MEDICINE, Health, Education, and  
Welfare Dept., Bethesda, Md. 20014

- 15219 Bibliography of medical translations, July-Dec. 1964, quarterly supplements 9 & 10. 1966. [205] p. 4° [Listing of translations by broad subject area selected from Technical translations, semimonthly compilation published by Clearinghouse for Federal Scientific and Technical Information, Department of Commerce, Springfield, Va.] \* Paper, \$1.25. ● Item 508-F  
L.C. card 63-61052 FS 2.209: T 68/supp. 9, 10

NATIONAL PARK SERVICE, Interior Dept.  
Washington, D.C. 20242

- 15220 Chalmette National Historical Park, La., commemorating Battle of New Orleans. [Revised 1966.] [1966.] [12] p. il. narrow 8° † ● Item 650  
I 29.21: C 35/966
- 15221 Fire Island. [Apr. 1966.] [6] p. il. (with map on verso) folded into oblong 32° ([NRA-FI-17000.]) \* Paper, 10c. ● Item 651  
I 29.6/2: F 51
- 15222 George Washington Memorial Parkway, Mount Vernon section. [Revised 1966.] [1966.] 1 sheet (with map on verso) il. narrow f° folded into narrow 8° size. † ● Item 651  
I 29.6: G 29/3/966
- 15223 Gettysburg National Military Park, Pa. [Revised 1966.] [1966.] [14] p. il. narrow 8° \* Paper, 10c. ● Item 650  
I 29.21: G 33/4/966

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



# OCTOBER 1966

- 15224 Welcome to Washington. [1966.] [12] p. il. narrow 8° † ● Item 648  
I 29.2: W 27/5
- 15225 Whitman Mission National Historic Site, Wash. [Revised 1966.] [1966.]  
[10] p. il. narrow 8° \* Paper, 10c. ● Item 650 I 29.21: W 59/966

## NATIONAL RAILROAD ADJUSTMENT BOARD Washington, D.C. 20572

- 15226 Awards of 2d division, National Railroad Adjustment Board, with index,  
v. 43, June 14-July 31, 1963, awards 4221-90 inclusive, interpretation  
nos. 53-56. Keenan Printing Company, Chicago, Ill. [1966.] v+950  
p. † National Railroad Adjustment Board, Chicago, Ill. 60604. (Price  
upon application.)  
L.C. card 37-26860 RA 1.8: 43
- 15227 Awards 12761-820, 3d division, v. 136. Keenan Printing Company, Chi-  
cago, Ill. [1966.] [1]+983 p. † National Railroad Adjustment Board,  
220 South State Street, Chicago, Ill. 60604. (Price upon application).  
L.C. card 36-26212 RA 1.9: 136
- 15228 Awards 12821-915, 3d division, v. 137. Keenan Printing Company, Chi-  
cago, Ill. [1966.] [1]+1025 p. † National Railroad Adjustment Board,  
220 South State Street, Chicago, Ill. 60604. (Price upon application.)  
L.C. card 36-26212 RA 1.9: 137

## NAVAL OBSERVATORY, Defense Dept. Washington, D.C. 20350

- 15229 Air almanac, 1967, Jan.-Apr. 1966. p. 1-242+F4+A82 p. il. 4° [Text on  
p. 2-4 of cover. The F4 pages of collation consists of Navigational star  
chart mounted on cloth, with Stars, Jan.-Apr. 1967, Interpolation of  
G.H.A., Interpolation of moonrise, moonset, and Star index on verso.  
Produced jointly by H. M. Nautical Almanac Office, Royal Greenwich  
Observatory, and by Nautical Almanac Office, U.S. Naval Observatory.  
Printed separately in England and United States.] \* Stiffboard, \$3.25.  
● Item 573  
L.C. card 52-61239 D 213.7: 967/1

## NAVAL OCEANOGRAPHIC OFFICE, Defense Dept. Washington, D.C. 20390

- 15230 Annual report of commander, Naval Oceanographic Office, fiscal year 1965.  
[1966.] cover title, iv+64 p. il. 1 pl. \* Paper, 40c. ● Item 377-A  
(Rev. 1964.)  
L.C. card 8-12043 D 203.1: 965

### National Oceanographic Data Center publications: General series.

- D 203.24: (nos.)
- 15231 G-6. Atlas of bathythermograph data: Indian Ocean. 1966. 129+[1] p. il. f°  
[Text on p. 2 of cover. [Issued in looseleaf form.] † Paper, \$5.00.  
L.C. card 66-62521
- 15232 G-10. Selection IIOE track charts, automatically produced, based on data of  
International Indian Ocean Expedition; [compiled by James Churgin  
and Rudi Saenger]. 1966. v+49+[1] p. il. 4° [Includes all cruises  
processed at NODC as of Mar. 1966.] † Paper, 70c.
- D 203.22: (nos.)
- 15233 44. Change 8, Mar. 5, 1966, loose leaf change pages for correcting Sailing  
directions for Baltic, v. 3, 3d edition, 1952. [1966.] [128] p. il. 4°  
[Formerly no. 143. Includes list of effective pages.] † Paper, 35c.
- 15234 52. Change 9, Feb. 12, 1966, loose leaf change pages for correcting Sailing  
directions for Mediterranean, v. 1, 4th edition, 1952. [1966.] [133]  
p. il. 4° [Formerly 151, includes list of effective pages.] † Paper, 35c.
- 15235 54. Change 10, June 4, 1966, loose leaf change pages for correcting Sailing  
directions for Mediterranean, v. 3, 3d edition, 1951. [1966.] [91]  
p. il. 4° [Formerly 153. Includes list of effective pages.] † Paper, 35c.
- 15236 95. Change 10, Jan. 22, 1966, loose leaf change pages for correcting Sailing  
directions for Japan, v. 2, southern part, 2d edition, 1951. [1966.]  
[235] p. il. 4° [Formerly 123 B. Includes list of effective pages.]  
† Paper, 35c.

ΦFor Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## Publications—Continued

- 15237 111A. Change 12, Aug. 6, 1966, List of lights and fog signals, Greenland, east coasts of North and South America (excluding continental U.S.A. except east coast of Florida) and West Indies. 1966. [158] p. 4° [Includes list of effective pages and Notice to mariners 32, 1966. Issued in looseleaf form.] † Paper, 50c.
- 15238 117A. Change 11, radio navigational aids. Atlantic and Mediterranean area. 1966. [123] p. il. 4° [Includes list of effective pages and Notice to mariners 32, 1966. Issued in looseleaf form.] † Paper, 50c.

## Special publication SP (series). †

- 15239 35. Glossary of oceanographic terms [with list of sources]; edited by B. B. Baker, jr., W. R. Deebeel, [and] R. D. Geisenderfer. 2d edition, 1966. [1966.] vi+204 p. il. 4° [Includes list of Oceanographic institutions, agencies, activities, and groups. [Errata 1 p. oblong 32°, also issued] \* Cloth, \$2.25. ● Item 377-C  
L.C. card 66-62518 D 203.22/3 : 35

## NAVAL OPERATIONS OFFICE, Defense Dept. Washington, D.C. 20350

- 15240 John Paul Jones, commemoration at Annapolis, Apr. 24, 1906; compiled by Charles W. Stewart. 1907, reprinted 1966. [3]+210 p. 34 pl. large 8° \* Cloth, \$3.00. ● Item 399-A D 207.10/2 : J 71

## NAVAL PERSONNEL BUREAU, Defense Dept. Washington, D.C. 20390

- 15241 Aviation machinist's mate J 1 & C [with reading list; prepared by Navy Training Publications Center.] [1966 edition.] [1966.] cover title, iv+283 p. il. 4° (Navy training course, NAVPERS 10343-A.) [Some illustrations are colored.] † ● Item 404  
L.C. card 66-62365 D 208.11 : Av 5/32/966
- 15242 Commissaryman 3 & 2 [with reading list; prepared by Training Publications Division, Naval Personnel Program Support Activity.] ([Original edition 1948, revised 1966.]) [1966.] cover title, iv+218 p. il. 4° (Navy training course, NAVPERS 10279-D.) \* Paper, \$1.25. ● Item 404  
L.C. card 63-61576 D 208.11 : C 73/2/966
- 15243 Construction electrician 1 & C [with reading list; prepared by Training Publications Division, Naval Personnel Program Support Activity.] [Original edition 1951, revised 1966.] [1966.] cover title, v+316 p. il. 4° (Navy training course; NAVPERS 10637-C.) \* Paper, \$1.75. ● Item 404  
L.C. card 66-62439 D 208.11 : El 2/8/966
- 15244 Cross reference index of transparencies for Fundamentals of electronics. May 1966. cover title, i+31 p. 4° (NavPers 93536, S/N 0500-947-0000.) [For use of instructor in identifying transparencies with volume and figure numbers of NavPers 93400A.] † ● Item 404  
D 208.11/2 : El 2/9/trans.ind.
- 15245 Dental administration, Change 1, Apr. 7, 1966 [with bibliographies; prepared by Publications Department, Naval Dental School, National Naval Medical Center]. [1966.] [341] p. il. 4° (NavPers 10483.) [Prepared under supervision of Bureau of Medicine and Surgery. Issued in looseleaf form.] † ● Item 403-A D 208.6/3 : D 43/2/ch.1
- 15246 Equipment operator 1 & C [with reading list; prepared by Training Publication Division, Naval Personnel Program Support Activity.] [Original edition 1949, revised 1966.] [1966.] cover title, v+273 p. 3 pl. 4° (Navy training course; NAVPERS 10641-E.) † ● Item 404  
L.C. card 66-62367 D 208.11 : Eq 5/2/966
- 15247 Manual for messes ashore, 1962, Change 4. May 24, 1966. vii+[52] p. 4° (NAVPERS 15951.) [Includes list of effective sheets. Issued in loose leaf form.] † ● Item 403-A D 208.6/3 : M 56/ch. 4

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

# OCTOBER 1966

- 15248 Principles of guided missiles and nuclear weapons [with bibliographies; prepared by Training Publications Division, Naval Personnel Program Support Activity]. [Original edition 1959, revised 1966.] 1966. cover title, iii+366 p. il. 4° (NAVPERS 10784-A.) \* Paper, \$2.00. ● Item 404

L.C. card 66-62366

D 208.11/2: M 69/2/966

- 15249 Trainee's guide for electronics technician: Class C, TACAN systems course, 7 weeks. Apr. 1966. xv+376 p. il. 4° (NAVPERS 93249.) [Issued in looseleaf form in binder.] ‡ ● Item 403-A D 208.6/3: El 2/2

## NAVAL RESEARCH OFFICE, Defense Dept. Washington, D.C. 20390

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

- 15250 1614-1. Study, assessment of pilot proficiency [with list of references; by] Hugh M. Bowen [and others]. Aug. 1966. cover title, vii+128+[2] p. il. 4° (Dunlap & Associates, Inc., Darien, Conn., contract N61339-1614.) [Text on p. 2 of cover. Abstract cards inserted.] ‡  
D 210.14: 1614-1
- 15251 1H-56. Physiological correlates of learning and overlearning [with list of references; by] John L. Andreassi and Patricia M. Whalen. June 1966. cover title, v+22+[4] p. il. 4° [Text on p. 2 of cover.] ‡  
D 210.14: 1H-56

NRL report. (Naval Research Laboratory).

- 15252 6350. Adhesion of ice to hydrophobic surfaces [with list of references; by] W. D. Bascom [and others]. Jan. 14, 1966. cover title, 1+26+[4] p. il. 4° (NRL problems C02-14 and C02-09, project BuShips SF 013-99-02-0519 and ONR RR 001-01-43-4750.) ‡ Paper, \$2.60 (AD 628278).  
D 210.8: 6350

## OUTDOOR RECREATION BUREAU, Interior Dept. Washington, D.C. 20240

- 15253 Bureau of Outdoor Recreation [grants-in-aid] manual [amdt. 2]. [1966.] [13] p. 4° (Release no. 640-4.) [Issued in looseleaf form.] \* Paper, \$4.00 (including basic manual and supplementary material for an indefinite period); \$1.50 additional for foreign mailing. ● Item 657-B-3  
I 66.8/2: 965/amdt. 2
- 15254 Evolution of outdoor recreation policy, remarks of Edward C. Crafts, director, Bureau of Outdoor Recreation, Department of Interior, at national conference on policy issues in outdoor recreation, Logan, Utah, Sept. 6, 1966. [1966.] 12 p. 4° ‡  
I 66.9: C 84/25
- 15255 Expanding America's outdoor recreation estate, land water conservation fund's first year and half, State and local projects, anticipated use by activity of 49,987 acres acquired with land and water conservation fund assistance, cumulative to June 30, 1966. [1966.] cover title, 4+[13] p. il. 4° ‡  
I 66.2: L 22/2/966

## PATENT OFFICE, Commerce Dept. Washington, D.C. 20231

- 15256 Patent Office and technological progress, text of address by Edward J. Brenner, Commissioner of Patents, for delivery before joint meeting of American Chemical Society Committees on Patent Matters and Patent Legislation and Professional Relations and Status, New York, N.Y., Sept. 13, 1966. 1966. 8 p. 4° ‡  
C 21.20: B 75/10
- 15257 Patent & inventions, information aid for inventors, step-by-step guide to help inventor, decide whether to apply for patent, obtain patent protection, promote his invention. [1966.] cover title, iii+26 p. \* Paper, 15c. ● Item 254  
L.C. card 64-65511  
C 21.2: P 27/10/966

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries



GOVERNMENT PUBLICATIONS

POST OFFICE DEPARTMENT

Washington, D.C. 20260

- 15258 Address by Postmaster General Lawrence F. O'Brien at last day ceremony for Marine Corps Reserve stamp, Iwo Jima Memorial, Arlington, Va., Aug. 29, 1966. 1966. 7 leaves, 4° (Information Service, General release 104.) † P 1.27: Ob 6/13
- 15259 [Commemorative stamp poster]: 5-cent Beautification of America, commemorative postage stamp available at your local post office Oct. 6, 1966. 1966. 10.5×8 in. P 1.26/2: B 38
- 15260 — 5-cent Johnny Appleseed commemorative postage stamp available at your local post office Sept. 26, 1966. 1966. 10.5×8 in. P 1.26/2: Ap 5
- NOTE.—Commemorative stamp posters, which will be issued irregularly, are available on a subscription basis from the Superintendent of Documents, \$1.50 a yr.; 50c. additional for foreign mailing.

PRESIDENT OF UNITED STATES

Washington, D.C. 20501

- 15261 The center of our society, the American city [remarks of President Lyndon B. Johnson at Syracuse, N.Y., Aug. 19, 1966]. [1966.] cover title, 8 p. il. [Published by Housing and Urban Development Department.] † ● Item 850 Pr 36.2: C 49
- 15262 President's Commission on Crime in District of Columbia, report on Metropolitan Police Department. 1966. vi+95 p. \* Paper, 35c. ● Item 851-J L.C. card 66-62275 Pr 36.8: C 86/P 75

PRISONS BUREAU, Justice Dept.

Washington, D.C. 20537

National prisoner statistics, NPS bulletin.

- 15263 39. Executions, 1930-65. June 1966. [1]+14 p. il. 4° † J 16.23: 89

PUBLIC DOCUMENTS DIVISION, Government Printing Office

Washington, D.C. 20402

- 15264 List of classes of United States Government publications available for selection by depository libraries. Revised July 1, 1966. [1966.] 25 p. 4° † ● All depositories. GP 3.24: 966
- Price list PL (series). † ● Item 554 GP 3.9: (nos.)
- 15265 10. Laws, rules and regulations; June 1966. 51st edition. [1966.] [2]+46 p. L.C. card 26-26488
- 15266 79. Aviation, civil aviation, naval aviation, Air Force; July 1966. 14th edition. [1966.] [2]+23 p. L.C. card 49-46782

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

Washington, D.C. 20201

- 15267 A & E guide, guidelines for architectural-engineering documents for health research facilities construction grants. [July 1, 1966.] [1]+iii+52 p. 4° (National Institutes of Health.) [Subject to modification. Supersedes all other editions.] † Office of Architecture and Engineering, Division of Research Facilities and Resources, National Institutes of Health, Bethesda, Md. 20014 ● Item 507-H FS 2.22/15: Ar 2/966
- 15268 Activities report, fiscal year, 1966. [1966.] cover title, [1]+34 p. 4° (National Center for Health Statistics.) † ● Item 508-A-1. L.C. card 66-62449 FS 2.101: 966

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1966

- 15269 Adhesive restorative dental materials, 2, Proceedings of workshop held at University of Virginia, Charlotte, Va., Dec. 8 and 9, 1965, supported by Bio-Materials Research Advisory Committee and by National Institute of Dental Research, National Institutes of Health, Bethesda, Md. [with lists of references]. [1966.] xi+293 p. il. ([Publication 1494.]) \* Paper, \$1.00. ● Item 507 FS 2.22: D 43/8
- 15270 Air pollution, clubwomen accept the challenge, [address] by Thomas F. Williams, Chief, Information and Education Office, Division of Air Pollution, presented at 75th annual meeting of General Federation of Women's Clubs, Chicago, [Ill.], June 9, 1966. [1966.] [2]+17 p. † FS 2.30: W 67/4
- 15271 Air pollution, time for action [address by William H. Stewart, Surgeon General, Public Health Service, presented at 59th annual meeting of Air Pollution Control Association, San Francisco, Calif., June 20, 1966]. [1966.] [2]+14 p. † FS 2.30: St. 4/3
- 15272 Bibliography of selected publications on environmental engineering and food protection. 2d edition. Aug. 1966. [3]+17 p. 4° (Publication 1499; Division of Environmental Engineering and Food Protection.) † ● Item 481-A FS 2.24: En 8/2
- 15273 Career in administration at National Institutes of Health. [1966.] [32] p. il. 4° ([Publication 1446.]) \* Paper, 45c. ● Item 507 FS 2.22: Ad 6
- 15274 Community odor surveys and evaluation [paper, with list of references], by Joseph J. Sableski, Technical Assistant Branch, Division of Air Pollution, [Public Health Service, Department of Health Education, and Welfare], Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio. [1966.] [1]+12+[12] leaves, il. 4° [Presented at Mid-Atlantic States Section Meeting, Air Pollution Control Association, Wilmington, Del., Nov. 1965.] † FS 2.30: Sa 1
- 15275 Comparative method for studying costs of air pollution [with list of references; by] Irving Michelson and Boris Tourin. [1966.] p. 505-511, 4° [Reprinted from Public Health Reports, v. 81, no. 6, June 1966.] † FS 2.7/a: Ai 71/4
- Environmental health series: Food protection. (Division of Environmental Engineering and Food Protection, Shellfish Sanitation Branch.)
- 15276 FP-6 1965 proceedings, Northwest Shellfish Sanitation Research Planning Conference [with lists of references; by] W. J. Beck and J. C. Hoff. 1966. [2]+iii+112 p. il. 4° ([Publication 999-FP-6.]) † ● Item 483-F L.C. card 66-60430 FS 2.300: FP-6
- Radiological health. (Division of Radiological Health.)
- 15277 RH-19. Soil and sediment analysis, preparation of samples for environmental radiation, surveillance: pt. 1, Preparation of soil samples, laboratory techniques [with list of references by], John H. Abrahams, jr.; pt. 2, Ultrasonic dispersion of sediments for size fraction radioanalysis [with list of references; by], Raymond H. Johnson, jr. [and] John H. Abrahams, jr. [June 1966.] vii+26 p. il. ([Publication 999-RH-19.]) [Abstract cards attached to back cover.] † Public Inquiry Branch. ● Item 483-F L.C. card 66-60070 FS 2.300: RH-19
- 15278 Fabrication of single service containers and closures for milk and milk products, guide for sanitation standards, 1966 [with list of references]. [1966.] iii+9 p. ([Publication 1465]; Division of Environmental Engineering and Food Protection, Milk and Food Branch.) \* Paper, 15c. ● Item 496-A L.C. card 66-62239 FS 2.6/2: M 59/3
- Health information series. ● Item 486 FS 2.50: (nos.)
- 15279 38. Chickenpox. [Revised June 1966.] [1966.] [4] p. narrow 8° ([Publication 173.]) \* Paper, \$2.00 per 100; single copy 5c.
- 15280 49. Amebiasis. [Revised 1966.] [1966.] 6 p. narrow 8° ([Publication 157.]) \* Paper, \$2.50 per 100; single copy, 5c.
- 15281 82. Hepatitis. [Revised 1966.] [1966.] [4] p. narrow 8° ([Publication 446.]) \* Paper, \$2.00 per 100; single copy, 5c.

4For Sale by Clearinghouse, U.S. Department of  
 Commerce, Springfield, Va. 22151  
 ●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

Hospital and medical facilities series (under Hill-Burton program) : Category C, Organization and administration. (Division of Hospital and Medical Facilities.) ● Item 486-D

- 15282 C-12. Administrative aspects of hospital central medical and surgical supply services [articles, with lists of references; by Marie M. Lech and others]. [Mar. 1966.] vii+37 p. il. 4° ([Publication 930-C-12.]) \* Paper, 30c. L.C. card 66-62520 FS 2.74/3: C-12
- Category F, Reports, analysis. (Division of Hospital and Medical Facilities, Program Planning and Analysis Branch.) ● Item 486-D L.C. card 56-4525
- 15283 F-7. Proceedings, 1965 conference Hill-Burton and mental retardation construction authorities with Surgeon General, Oct. 14-15, 1965, Chicago, Ill. [Apr. 1966.] vi+52 p. il. 4° ([Publication 930-F-7.]) \* Paper, 40c. FS 2.74/3: F-7
- 15284 Indian health highlights; [by the staff, Office of Program Planning and Evaluation, Program Analysis and Statistics Branch]. 1966 edition. June 1966. xxii+65 p. il. 4° (Bureau of Medical Services; Division Indian Health.) † ● Item 485 L.C. card 59-62420 FS 2.2: In 25/9/965
- 15285 Inventory of interstate carrier water supplies by States and Public Health Service regions, Aug. 1966. [1966.] [40] p. oblong 12° ([Publication 1116]; Division of Environmental Engineering and Food Protection.) [Supersedes inventory of July 1963.] † ● Item 485 L.C. card 66-62457 FS 2.2: C 23/966
- 15286 List of health information leaflets and pamphlets of Public Health Service [Revised July 1966.] [1966.] [10] p. narrow 8° † ● Item 481-A FS 2.24: In 3/966-2
- 15287 Medical rehabilitation, new program activity of Public Health Service. [June 1966.] [4] p. narrow 8° ([Publication 1492; Division of Chronic Diseases.]) † ● Item 485 FS 2.2: R 26/4
- 15288 Mental health research grant awards, fiscal year 1965; prepared by Program Analysis Section, Research Grants Branch, National Institute of Mental Health. [1966.] v+64 p. (Publication 1346, pt. 1, supp. A.) \* Paper, 25c. ● Item 507-D L.C. card 66-61738 FS 2.22/7: 965/pt. 1/supp. A
- National Cancer Institute monograph. ● Item 507-L
- 15289 21. Development of zonal centrifuges and ancillary systems for tissue fractionation and analysis [articles, with lists of references; edited by Norman G. Anderson]. June 1966. x+526+[14] p. il. large 8° (National Cancer Institute.) [Research performed under joint National Institutes of Health-Atomic Energy Commission Zonal Centrifuge Development Program, supported by Atomic Energy Commission, National Cancer Institute, and National Institute of Allergy and Infectious Diseases.] \* Cloth, \$4.75. FS 2.22/18: 21
- 15290 National Institute of Mental Health student research stipend program in social work, followup survey; [by] Franklin N. Arnhoff, Beatrice M. Shriver, [and] Milton Wittman. [1966.] [2]+10 p. (Publication 1463; Manpower and Training Program, National Institute of Mental Health, National Institutes of Health.) \* Paper, 15c. ● Item 507 FS 2.22: So 1/3
- 15291 National Institutes of Health almanac; prepared by Office of Research Information, NIH, Bethesda, Md. [1966.] vi+120 p. 4° † ● Item 507 L.C. card 66-62557 FS 2.22: A 1 6/966
- 15292 Operation SAM, systems analysis module for development of comprehensive Indian health program, PHS Indian Health Center, Tucson [Tucson], Ariz. [1966.] cover title, [8] p. il. 4° (Division of Indian Health.) [Text on p. 2 of cover.] † ● Item 485 FS 2.2: Sa 4
- 15293 Performance of positive crankcase ventilation systems on automobiles in Cincinnati, Ohio, report 2 [with list of references; by] William A. Cote. Mar. 1966. [2]+7+[6] leaves, 4° † FS 2.2: Au 8

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



# OCTOBER 1966

- 15294 Proceedings, Conference on Methodological Approaches to Population Studies in Diabetes, Oct. 1-2, 1964, National Institutes of Health, Bethesda, Md., sponsored by National Institute of Arthritis and Metabolic Diseases, National Institutes of Health, and Diabetes and Arthritis Program, Division of Chronic Diseases, Bureau of States Services, Community Health; editor, James W. Pratt. [1966.] vii+232 p. il. 4° ([Publication 1486.]) \* Paper, \$1.25. ● Item 507  
L.C. card 66-62228 FS 2.22: D 54
- 15295 Proceedings of 4th annual conference, Mental health career development program, Mar. 27-30, 1965, New Orleans, La. [1966.] iv+86 p. il. 4° ([Publication 1450.]) † ● Item 507-A-7 FS 2.22/45: 965
- 15296 Proceedings of Public Health Service cooperative studies: Renal disease and hypertension, v. 3, 5th annual conferences, May 1966, Atlantic City, N.J. and Baltimore, Md. [1966.] x+165 p. 4° (Bureau of Medical Services, Division of Hospitals.) † ● Item 485 FS 2.2: R 29/2/v. 3
- 15297 Proceedings of workshop on television ophthalmoscopy, sponsored by section on Ophthalmic Field and developmental Research, Epidemiology Branch, National Institute of Neurological Diseases and Blindness; edited by G. R. Williams, J. T. Schwartz. [1966.] viii+150 p. il. 4° ([Publication 1490.]) [Title on cover is: Television ophthalmoscopy, proceedings of NINDB workshop 1965.] \* Paper, \$1.00. ● Item 507  
L.C. card 66-62225 FS 2.22: Op 2
- 15298 Procedures for testing pasteurization equipment. [1966 revision.] [1966.] [4]+58 p. il. ([Publication 731]; Division of Environmental Engineering and Food Protection, Milk and Food Branch.) \* Paper, 25c. ● Item 496-A  
L.C. card 66-62517 FS 2.6/2: P 26/2
- 15299 Public Health Service film catalog 1966. [Revised Mar. 1966.] [1966.] xi+[8]+1-22f, 23-99 p. il. 4° ([Publication 776.]) [Supersedes all previous editions.] \* Paper, \$1.00. ● Item 497-A  
L.C. card 60-61867 FS 2.36/2: 966
- 15300 Radiological Health Mobile Training Laboratory. [1966.] [6] p. il. narrow 8° ([Publication 1475.]) † ● Item 485 FS 2.2: R 11/15  
Research profile. ● Item 507-A-6
- 15301 7. Summary of progress in neuromuscular disorders; [prepared by Information Office, National Institute of Neurological Diseases and Blindness, National Institutes of Health.] [Revised 1966.] 1966. v+11 p. il. ([Publication 1159.]) [Included in annual statement made to Congress of United States by Director of National Institute of Neurological Diseases and Blindness.] \* Paper, 15c.  
L.C. card 66-60544 FS 2.22/43: 7/3
- 15302 School health program, outline for school and community. [Revised Aug. 1966.] [1966.] 8 p. narrow 8° ([Publication 834.]) [Prepared in cooperation with Children's Bureau and Office of Education.] \* Paper, 5c. ● Item 485 FS 2.2: Sch 6/2/966
- 15303 Survey of general hospitals admitting psychiatric patients; by Raymond Giesler, Peter L. Hurley, Philip H. Person, Jr. [1966.] [2]+12 p. 4° ([Publication 1462]; National Institutes of Health, National Institute of Mental Health.) [Published by National Clearinghouse for Mental Health Information.] \* Paper, 15c. ● Item 507  
L.C. card 66-62500 FS 2.22: P 95/15
- 15304 [This entry number not used.]  
Vital and health statistics: Series 2, Data evaluation and methods research. (National Center for Health Statistics.) ● Item 500-E
- 15305 18. Interview response on health insurance compared with insurance records, United States, 1960. Aug. 1966. [4]+43 p. 4° ([Publication 1000, series, 2, no. 18.]) \* Paper, 35c.  
L.C. card 66-60071 FS 2.85/2: 2/no. 18

# GOVERNMENT PUBLICATIONS

Vital and health statistics: Series 10, Data from National Health Survey. (National Center for Health Statistics.) ● Item 500-E

- 15306 31. Proportion of surgical bill paid by insurance, surgical patients discharged from short-stay hospitals, United States, July 1963-June 1964: [by Mary M. Hannaford]. Sept. 1966. [4]+40 p. il. 4° ([Publication 1000, series 10, no. 31; Division of Health Interview Statistics.]) \* Paper, 35c  
L.C. card 66-61301 FS 2.85/2:10/no. 31

— Series 11, Data from National Health Survey. (National Center for Health Statistics.) ● Item 500-E FS 2.85/2:11/no. (nos.)

- 15307 15. Prevalence of osteoarthritis in adults by age, sex, race, and geographic area, United States, 1960-62 [with list of references; by Jean Roberts and Thomas A. Burch]. June 1966. [4]+27 p. il. 4° ([Publication 1000, series 11, no. 15; Division of Health Examination Statistics.]) \* Paper, 25c  
L.C. card 66-60077

- 15308 17. Rheumatoid arthritis in adults, United States, 1960-62 [with list of references; by Arnold Engel, Jean Roberts, and Thomas A. Burch]. Sept. 1966. [4]+43 p. il. 4° ([Publication 1000, series 11, no. 17.]) \* Paper, 35c  
L.C. card 66-60079

- 15309 18. Blood glucose levels in adults, United States, 1960-62 [with list of references; by Caroline C. Garst]. Sept. 1966. [4]+25 p. 4° ([Publication 1000, series 11, no. 18; Division of Health Examination Statistics.]) \* Paper, 25c  
L.C. card 66-61303

— Series 12, Data from National Health Survey. (National Center for Health Statistics.) Item 500-E

- 15310 5. Employees in nursing and personal care homes, United States, May-June 1964 [with list of references; by Carl A. Taube]. Sept. 1966. [4]+34 p. il. 4° ([Publication 1000, series 12, no. 5, Division of Health Records Statistics.]) \* Paper, 30c.  
L.C. card 66-61304 FS 2.85/2:12/no. 5

- 15311 We can help clear the air, Jaycee community action program. [1966.] [2] p. il. 4° [Reprinted with permission from Junior Chamber of Commerce publication, ACTION of May-June 1966.] † FS 2.2: A1 7/40

- 15312 Working with older people, guide to practice; v. 1, Practitioner and the elderly [with lists of references]; prepared by Gerontological Society, St. Louis, Mo., [Aug. 1966.] [12]+52 p. ([Publication 1459, v. 1]: Division of Chronic Diseases, Gerontology Branch.) [Prepared under contract PH 86-63-184. Text on p. 2 of cover.] \* Paper, 40c. ● Item 496-A

L.C. card 66-62516

FS 2.6/2:01 1/v. 1

## PUBLIC ROADS BUREAU, Commerce Dept. Washington, D.C. 20235

- 15313 Bibliography on right-of-way acquisition [Jan. 1964], supp. 1; [compiled by Dawn E. Willis and Eugene H. Beck]. July 1966. cover title, [2]+27 p. 4° (Library.) †  
L.C. card 64-61061 C 37.28: R 44/supp. 1

- 15314 Conference on improved highway engineering productivity, Columbus, Ohio, May 3-4, 1966, proceedings; sponsored by American Association of State Highway Officials, Subcommittee on Electronics, in cooperation with Department of Commerce, Bureau of Public Roads, [and] Ohio Department of Highways. [1966.] v+257 p. il. 4° † ● Item 265  
L.C. card 66-62370 C 37.2: En 3/3/966

- 15315 Labor compliance manual, 2d edition, amdt. 1. Mar. 1, 1966. [160] p. 4° [Issued in looseleaf form.] \* Paper, \$1.00. ● Item 265-A  
L.C. card 65-62679 C 37.6/2: L 11/2/965/amdt. 1

- 15316 Remarks by Federal Highway Administrator Rex M. Whitton, prepared for delivery before Public Affairs Luchon of Omaha Chamber of Commerce, Omaha, Nebr., Aug. 24, 1966. 1966. 8 p. 4° † C 37.21: W 61/21

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1966

RECLAMATION BUREAU, Interior Dept.  
Washington, D.C. 20240

- 15317 Federal reclamation projects, statistical appendix to 1965 crop report and related data. [1966.] cover title, [3]+215 p. 4° (Division of Irrigation and Land Use.) † ● Item 663-A  
L.C. card 53-63671 I 27.55: 965/app.

RENEGOTIATION BOARD  
Washington, D.C. 20446

- 15318 [Renegotiation ruling 103 (revised) and 129, and index to Renegotiation rulings and Renegotiation bulletins; Apr. 19, 1966.] [1966.] 4+[3] p. 4° [Includes Table of citations. Issued in looseleaf form.] \* Paper, 10c. ● Item 308  
RnB 1.6/5: 103/2, 129

RURAL ELECTRIFICATION ADMINISTRATION, Agriculture Dept.  
Washington, D.C. 20250

- 15319 List of materials acceptable for use on systems of REA electrification borrowers. July 1966. cover title, vii+[278] p. il. 4° (REA bulletin 43-5.) [Issued in looseleaf form. Supersedes all preceding issues including revisions.] \* Paper, \$1.50 a yr. (including basic issue and one semiannual supplement), 25c. additional for foreign mailing.  
● Item 116-A  
L.C. card 52-61393 A 68.6/2: 966

SCIENCE INFORMATION SERVICE OFFICE, National Science  
Foundation, Washington, D.C. 20550

- 15320 Current research and development in scientific documentation no. 14 [with lists of references]. 1966. viii+662 p. (NSF-66-17.) [Compiled with contractual assistance of Herner & Co., Washington, D.C.] \* Paper, \$2.00. ● Item 834-K  
L.C. card 58-2427 NS 2.10: 14

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

- 15321 Directory of companies filing annual reports with Securities and Exchange Commission under Securities exchange act of 1934, alphabetically and by industry groups, 1965. cover title, ix+237 p. 4° ([Office of Policy Research.]) \* Paper, \$1.50. ● Item 903-A  
L.C. card 59-61379 SE 1.27: 965

SELECTIVE SERVICE SYSTEM  
Washington, D.C. 20435

- 15322 Selective service college qualification test, Nov. 18 and 19, 1966. [1966.] 9 p. il. 4° † ● Item 1077-B  
Y 3.Se 4: 22/966-2

SMALL BUSINESS ADMINISTRATION  
Washington, D.C. 20416

- 15323 Export marketing for smaller firms [with bibliography of information sources]; prepared by International Marketing Institute. 2d edition. 1966. [5]+vi+80 p. 4° \* Paper, 50c. ● Item 901-P  
L.C. card 66-62372 SBA 1.19: Ex 7/966

Small business bibliography. ● Item 901-K

- 15324 31. Retail credit and collections; by Fred W. Kniffin. Apr. 1966 revision. [1966.] 8 p. 4° †  
L.C. card 66-62509 SBA 1.3: 31/4

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries



# GOVERNMENT PUBLICATIONS

- 15325 [Strengthening free enterprise], 1965 annual report to President and Congress. [1966.] cover title, v+79 p. il. 4° ([Reference no. OP1-21.])  
 \* Paper, 60c. ● Item 901-A  
 L.C. card 63-61268 SBA 1.1: 965

## SOCIAL SECURITY ADMINISTRATION, Health, Education, and Welfare Dept., Washington, D.C. 20201

Health insurance for the aged HIM (series). ● Item 516-C

- 15326 1. Conditions of participation for hospitals. [Feb. 1966.] cover title, [1]+64 p. 4° [Corercted copy.] †  
 L.C. card 66-61412 FS 3.6/4: 1/corr.

OASI (series). ● Item 518-A

FS 3.35: (nos.)

- 15327 23c. You don't have to retire completely to get social security benefits. July 1966. [2] p. oblong 12°, folded into narrow 12° size \* Paper, \$3.00 per 100; single copy, 5c.  
 15328 24. Good news for household workers, your earnings now can bring monthly social security checks later on for you and your family and you can look forward to having hospital insurance when you retire. [June 1966.] 22+[2] p. il. \* Paper, 15c.  
 L.C. card HEW 62-10  
 15329 29c. Social security, what it means for parents of mentally retarded child. [Apr. 1966.] 6 p. il. narrow 12° \* Paper, \$2.50 per 100; single copy, 5c.  
 15330 93. Your social security earnings record. [July 1966.] [24] p. oblong 48° \* Paper, \$5.00 per 100; single copy 10c.

Research and statistics note, 1966 (series).

- 15331 9. Independent health insurance plans, 1965; prepared by Louis S. Reed and Kathleen Myers. Aug. 23, 1966. 12 p. 4° † (Office of Research and statistics.) † FS 3.28/2: 966/9

- 15332 Social security farm statistics, 1955-63, farmers and farm workers under old-age, survivors, disability, and health insurance. [June 1966.] cover title, [1]+34 p. 4° (Office of Research and Statistics, RS-8-7.) [Includes data for 1955 and 1960-63 and some preliminary estimates for 1964. Data for 1956-59 are available in Social security farm statistics 1955-61.] †  
 L.C. card HED 65-114 FS 3.2: F 22/3/955-63

## SOIL CONSERVATION SERVICE, Agriculture Dept. Washington, D.C. 20250

- 15333 Soil conservation districts, status of organization, by States, approximate acreage, and farms in organized districts. July 1, 1966. [7] leaves il. 4° [Issued with perforations.] †  
 L.C. card 50-61311 A 57.32: 966

Soil survey series 1960. ● Item 102 (Rev. 1957).

- 15334 30. Berkeley County, W. Va. [with list of literature cited; by John L. Gorman, J. K. Pasto, and C. D. Crocker]. May 1966. cover title, 1+141 p. il. 36 p. of pl. and maps, 2 tab. 4° [Prepared in cooperation with West Virginia Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] \* Paper, \$2.50  
 L.C. card Agr 66-281 A 57.38: 960/30

- 15335 Soil survey: Somerset County, Md. [with list of literature cited; by Earle D. Matthews and Richard L. Hall]. July 1966. cover title, ii+90 p. il. 56 p. of pl. and maps. 1 tab. 4° [Prepared in cooperation with Maryland Agricultural Experiment Station.] \* Paper, \$3.00. ● Item 102 (Rev. 1957).  
 L.C. card Agr 66-291 A 57.38: So 5

## STATE DEPARTMENT Washington, D.C. 20520

- 15336 Arms control and disarmament, studies in progress or recently completed [ACD-7]; compiled by Dallas Lloyd. May 1966. [4]+50 p. 4° (Office of External Research; [Bureau of Intelligence and Research].) [Semi-annual. Compiled for Arms Control and Disarmament Agency. Includes Form DSP-79, Arms control research survey card.] † (Available to libraries, scholars, and universities only). S 1.117/5: 7

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

# OCTOBER 1966

Background notes. ([Office of Media Services, Bureau of Public Affairs.])  
[Issued with perforations.] ● Item 862-B

- 15337 Algeria [with bibliography]. [Revised June 1966.] [1966.] 8 p. il. 4° ([Publication 7821.]) \* Paper, 5c.  
L.C. card 66-61561 S 1.123: A1 3/966

Commercial policy series. ● Item 862

- 15338 203. Private boycotts vs national interest. [Aug. 1966.] [2]+20 p. oblong 4°  
([Publication 8117; Office of Media Services, Bureau of Public Affairs.])  
\* Paper, 15c.  
L.C. card 66-62519 S 1.37: 203

Department and foreign service series.

- 15339 127. You and your passport, application requirements, vaccinations, care of your passport, visas, getting along abroad. [Revised edition.] Aug. 1966.  
[12] p. narrow 12° ([Publication 7728]; Passport Office.) \* Paper,  
\$5.00 per 100; single copy 10c. ● Item 863  
L.C. card SD 57-1 S 1.69: 127/2

Far Eastern series.

- 15340 138. Geographic aspects of struggle in Viet-nam; [by G. Etzel Percy]. [Oct. 1965.] [2]+10 p. il. 4° ([Office of Media Services, Bureau of Public Affairs.]) [Reprinted from Department of State bulletin, Sept. 20, 1965.]  
\* Paper, 10c.  
L.C. card 66-62515 S 1.38: 138

Geographic report; issued by the Geographer.

- 15341 10. South America, civil divisions. Sept. 1, 1966. cover title, [2]+29 p. il. 4°  
([Bureau of Intelligence and Research, Office of Research in Economics and Science.]) [Some illustrations are colored.] ‡ S 1.119: 10

International boundary studies. (Geographer, Office of Research in Economics and Science, Bureau of Intelligence and Research.) ‡  
S 1.119/3: (nos.)

- 15342 68. Argentina-Uruguay boundary. Mar. 30, 1966. cover title, [1]+6 p. 2 maps 4°

- 15343 69. Rwanda-Tanzania boundary. May 2, 1966. cover title, [1]+6 leaves, map, 4°

- 15344 Telephone directory, Department of State, Agency for International Development, Arms Control and Disarmament Agency. Aug. 1966. cover title, 153+ [3] p. il. 4° (Dudley 3 or code 182, Dudley 2 or code 128.)  
[Text on p. 2-4 of cover.] \* Paper, 70c. S 1.21: 966-3

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.)

- 15345 5914. Atomic energy, application of safeguards by IAEA to United States-Austria cooperation agreement between United States, Austria, and International Atomic Energy Agency, signed Vienna June 15 and July 28, 1964; [entered into force Dec. 13, 1965.] [1966.] [2]+10 p.  
\* Paper, 10c.  
L.C. card 66-62146

- 15346 5939. Air transport services, agreement between United States and Japan, amending agreement of Aug. 11, 1952, as supplemented and amended, effected by exchange of notes, signed Tokyo Dec. 28, 1965; [entered into force Dec. 28, 1965]. [1966.] [2]+12 p. [Japanese and English.]  
\* Paper, 10c.  
L.C. card 66-62111

- 15347 5979. Investment guaranties, agreement between United States and Ceylon, effected by exchange of notes signed Colombo Feb. 23, 1966; [entered into force Feb. 23, 1966]. [1966.] [2]+7 p. \* Paper, 10c.  
L.C. card 66-61775

- 15348 5984. Re-entry experiments in Australia (Project Sparta), arrangement between United States, Australia, and United Kingdom of Great Britain and Northern Ireland, signed Canberra Mar. 30, 1966; [entered into force Mar. 30, 1966], with exchanges of notes between United States and Australia and United States aide memoir. [1966.] [2]+11 p. \* Paper, 10c.  
L.C. card 66-62464

- 15349 5995. Agricultural commodities, agreement between United States and Viet-Nam, amending agreement of Mar. 21, 1966, as amended, effected by exchange of notes signed Saigon Apr. 14, 1966; [entered into force Apr. 14, 1966]. [1966.] [2]+3 p. \* Paper, 5c.  
L.C. card 66-62115

- 15350 5997. Mutual defense assistance, cash contribution by Japan, arrangement between United States and Japan relating to agreement of Mar. 8, 1954, effected by exchange of notes signed Tokyo Apr. 20, 1966; [entered into force Apr. 20, 1966]. [1966.] [2]+5 p. [Japanese and English.]  
\* Paper, 5c.  
L.C. card 66-62166

♠For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

Page 83

# GOVERNMENT PUBLICATIONS

## Treaties and other international acts series—Continued

- 15351 5998. Military mission, agreement between United States and Costa Rica, amending and extending agreement of Dec. 10, 1945, as amended and extended, effected by exchange of notes signed San Jose Mar. 17 and 28, 1966; [entered into force Mar. 28, 1966, effective Dec. 10, 1965]. [1966.] [2]+3 p. [English and Spanish.] \* Paper, 5c.  
L.C. card 66-62118
- 15352 5999. Investment guaranties, agreement between United States and Singapore, effected by exchange of notes signed Singapore Mar. 25, 1966; [entered into force Mar. 25, 1966]. [1966.] [2]+6 p. \* Paper, 5c.  
L.C. card 66-62119
- 15353 6000. Loan of additional vessel, agreement between United States and Spain, effected by exchange of notes signed Madrid, Apr. 21, 1966; [entered into force Apr. 21, 1966]. [1966.] [2]+3 p. [English and Spanish]. \* Paper, 5c.  
L.C. card 66-62120
- 15354 6006. Extension of loan of vessel, agreement between United States and Canada, effected by exchange of notes signed Washington May 11, 1966; [entered into force May 11, 1966]. [1966.] [2]+2 p. \* Paper, 5c.  
L.C. card 66-62125
- 15355 6007. Agricultural commodities, agreement between United States and Tunisia, amending agreement of Feb. 17, 1965, as amended, effected by exchange of notes signed Tunis Apr. 29, 1965; [entered into force Apr. 29, 1966]. [1966.] [2]+2 p. \* Paper, 5c.  
L.C. card 66-62126
- 15356 6009. Trade in cotton textiles, agreement between United States and Greece, amending agreement of July 17, 1964, effected by exchange of notes signed Washington May 23, 1966; [entered into force May 23, 1966, effective Sept. 1, 1965]. [1966.] [2]+5 p. \* Paper, 5c.  
L.C. card 66-62127
- 15357 6010. Agricultural commodities, sales under title 4, agreement between United States and Kenya, Tanzania, Uganda and East African Common Services Organization, signed Dar-es-Salaam Feb. 18, 1966, and Nairobi Feb. 19 and 22 and Mar. 4, 1966; [entered into force Mar. 4, 1966] with memorandum of understanding. [1966.] [2]+7 p. \* Paper, 10c.  
L.C. card 66-62128
- 15358 6012. Agricultural commodities, agreement between United States and Pakistan, amending agreements of Nov. 26, 1958, Apr. 11, 1960, and Oct. 14, 1961, effected by exchange of notes signed Karachi, Mar. 30, 1966; [entered into force Mar. 30, 1966]. [1966.] [2]+3 p. \* Paper, 5c.  
L.C. card 66-62129
- 15359 6014. Defense, additional military assistance, agreement between United States and Paraguay, effected by exchange of notes, signed Asunción, Apr. 11, 1966; [entered into force Apr. 11, 1966]. [1966.] [2]+4 p. [English and Spanish.] \* Paper, 5c.  
L.C. card 66-62131
- 15360 6015. Investment guaranties, agreement between United States and Honduras, supplementing agreement of Apr. 22 and June 10, 1966, effected by exchange of notes signed Tegucigalpa Feb. 24 and Apr. 30, 1966; [entered into force Apr. 30, 1966]. [1966.] [2]+4 p. [English and Spanish.] \* Paper, 5c.  
L.C. card 66-62132
- 15361 6016. Agricultural commodities, sales under title 4, agreement between United States and Indonesia, signed Djakarta Apr. 18, 1966; [entered into force Apr. 18, 1966], with exchange of notes. [1966.] [2]+8 p. \* Paper, 10c.  
L.C. card 66-62133
- 15362 6017. Sampling of radioactivity of upper atmosphere by means of balloons, agreement between United States and Australia, extending agreement of May 9, 1961, as extended, effected by exchange of notes, dated Canberra May 9, 1966; [entered into force May 9, 1966]. [1966.] [2]+2 p. \* Paper, 5c.  
L.C. card 66-62134
- 15363 6018. Agricultural commodities, sales under title 4, agreement between United States and Greece, amending agreement of Nov. 17, 1964, as amended, effected by exchange of notes signed Athens Jan. 13, 1966; [entered into force Jan. 13, 1966]. [1966.] [2]+4 p. \* Paper, 5c.  
L.C. card 66-62135
- 15364 6023. Agricultural commodities, sales under title 4, agreement between United States and Israel, signed Washington June 6, 1966; [entered into force June 6, 1966], with exchange of notes. [1966.] [2]+6 p. \* Paper, 5c.  
L.C. card 66-62138
- 15365 6025. Air transport services, agreement between United States and Norway, amending agreement of Oct. 6, 1945, as amended, effected by exchange of notes signed Washington June 7, 1966; [entered into force June 7, 1966] with related notes. [1966.] [2]+7 p. \* Paper, 10c.  
L.C. card 66-62302
- 15366 6028. Alien amateur radio operators, agreement between United States and Israel, effected by exchange of notes signed Washington June 15, 1966; [entered into force June 15, 1966]. [1966.] [2]+3 p. \* Paper, 5c.  
L.C. card 66-62141

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



# OCTOBER 1966

- 15367 6029. Trade in cotton textiles, agreement between United States and Colombia, amending agreement of June 9, 1965, effected by exchange of notes signed Washington June 24, 1966; [entered into force June 24, 1966], with related notes. [1966.] [2]+5 p. \* Paper, 5c.  
L.C. card 66-62142
- 15368 6030. Agricultural commodities, sales under title 4, agreement between United States and Ivory Coast, amending agreement of Apr. 5, 1965, effective by exchange of notes, signed Abidjan June 1, 1966; [entered into force June 1, 1966]. [1966.] [2]+3 p. [English and French]. \* Paper, 5c.  
L.C. card 66-62143
- 15369 6031. Agricultural commodities, sales under title 4, agreement between United States and Yugoslavia, signed Belgrade Apr. 11, 1966; [entered into force Apr. 11, 1966], with exchange of notes. [1966.] [2]+7 p. \* Paper, 10c.  
L.C. card 66-62144
- 15370 6034. Agricultural commodities, use of title 1 funds for school and hospital construction program, agreement between United States and Burma, signed Rangoon, June 1, 1966; [entered into force June 1, 1966]. [1966.] [2]+4 p. \* Paper, 5c.  
L.C. card 66-62145
- 15371 6036. Trade in cotton textiles, agreements between United States and Poland, effected by exchanges of letters, signed Washington June 24, 1965 and May 18 and 20, 1966; [entered into force May 20, 1966]. [1966.] [2]+4 p. \* Paper, 5c.  
L.C. card 66-62304
- 15372 6037. Sewage disposal system, agreement between United States and Canada, effected by exchange of notes, dated Ottawa, Jan. 13, Apr. 22 and June 9, 1966, [entered into force June 9, 1966]. [1966.] [2]+3 p. \* Paper, 5c.  
L.C. card 66-62305
- 15373 6038. Alien amateur radio operators, agreement between United States and India, effected by exchange of notes signed New Delhi May 16 and 25, 1966; [entered into force May 25, 1966]. [1966.] [2]+4 p. \* Paper, 5c.  
L.C. card 66-62333
- 15374 6043. Agricultural commodities, sales under title 4, agreement between United States and Iceland, amending agreement of Dec. 30, 1964, as amended, effected by exchange of notes, signed Reykjavik June 13, 1966; [entered into force June 13, 1966]. [1966.] [2]+2 p. \* Paper, 5c.  
L.C. card 66-62338

## STATISTICAL REPORTING SERVICE, Agriculture Dept. Washington, D.C. 20250

- 15375 Bluestem (Flint Hills) and Osage pasture report. Kansas and Oklahoma, June 1, 1966. June 9, 1966. 2+[1] p. 4° (MtAn 2-4 (6-66); Crop Reporting Board.) † A 92.2: B 62/966
  - 15376 Chickens, number raised, 1966. July 21, 1966. [2] p. 4° (Pou 2-2 (7-66); Crop Reporting Board.) † A 92.9/7: 966
  - 15377 Cranberries, indicated production, Aug. 15, 1966. Aug. 23, 1966. 1 p. 4° (SpCr 1 (8-66); Crop Reporting Board.) † A 92.11/6: 966
  - 15378 Crop & Livestock reports, 100 years, 1866-1966, Federal-State Crop and Livestock Reporting Service, chronology of development and progress; [by S. R. Newell]. [May 1966.] [1]+8 p. 4° † A 92.2: C 88/2
  - 15379 Fruits, noncitrus by States, 1964 and 1965, production, use and value: pt. 1, apricots, bush berries, cherries, figs, grapes, nectarines, peaches, pears, persimmons, plums, pomegranates, prunes. May 1966. 23 p. 4° (FrNt 2-1 (5-66); Crop Reporting Board.) † A 92.11/2: 964-65/pt.1
  - 15380 Honey production. June 26, 1966. [2] p. 4° (Hny (7-66); Crop Reporting Board.) † A 92.28/2: 966
  - 15381 Irish potatoes, utilization of 1965 crop with comparisons. Sept. 8, 1966. 3 p. 4° (Pot 1-3 (9-66); Crop Reporting Board.) † A 92.11/5: 965
  - 15382 Pig crop report, June 1966. June 22, 1966. 15 p. 4° (MtAn 4 (6-66); Crop Reporting Board.) † A 92.18/7: 966-2
- SRS (series).
- 15383 9. Number of feedlots by size groups and number of fed cattle marketed, 1962-64. June 1966. 7 p. 4° (Crop Reporting Board.) † A 92.34: 9

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## SYSTEMS RESEARCH AND DEVELOPMENT SERVICE, Federal Aviation Agency, Washington, D.C. 20553

### Report.

- 15384 RD-66-21. Technical report system description: Modernized weather teletype-writer communication system. Mar. 1966. title, ix+77+[4] p. il. 4\* ([Communications Development Division]; sub-program no. 233-001.) †  
FAA 2.8/2: RD-66-21

## TARIFF COMMISSION Washington, D.C. 20436

- 15385 In-the-ear hearing aids, report on investigation no. 337-20, under provisions of sec. 337 of Tariff act of 1930, as amended. July 1966. cover title, [1]+34 leaves, 4° (TC publication 182; [TC25-157].) † TC 1.2: II 35
- 15386 Steel jacks from Canada, determination of likelihood of injury in investigation no. AA 1921-49, under Antidumping act 1921, as amended. Aug. 1966. cover title, 8 leaves, 4° (TC publication 186.) †  
TC 1.31/2: St 3/3
- 15387 Tariff Commission submits report to Automotive Agreement Adjustment Assistance Board in adjustment assistance case pertaining to certain workers of Fram Corporation. Aug. 10, 1966. [1]+4 leaves, 4° (TC publication 184; APTA-W-3.) †  
TC 1.2: Au 8
- 15388 Wilton, Brussels, velvet, and tapestry carpets and rugs, report to the President (no. TEA-IR-5-66), under sec. 351 (d)(1) of Trade expansion act of 1962. Sept. 1966. cover title, [1]+16 leaves, 4° (TC publication 187; [TC28827].) †  
L.C. card 62-60302  
TC 1.2: C 22/966

## TENNESSEE VALLEY AUTHORITY Washington, D.C. 20444

- 15389 Flood damage prevention, indexed bibliography. 4th edition. May 1966. [2]+37 p. il. (Technical Library.) †  
L.C. card 66-62558  
Y 3.T 25: 31 F 65/966
- 15390 Inventory of land and its use by major land resource areas in Tennessee Valley; [by Wesley G. Smith and John M. Soileau]. Apr. 1966. 59 p. il. map, 4° (T66-2AE; National Fertilizer Development Center.) [Page 59, last page of text, is on inside of back cover. Map is separate.] †  
Y 3.T 25: 2 L 22
- 15391 TVA tames river [with list of selected references for further reading]. [Apr. 1966.] [2]+22 p. il. †  
Y 3.T 25: 2 T 25/28/966

## TREASURY DEPARTMENT Washington, D.C. 20220

- 15392 Current tax developments, remarks by Stanley S. Surrey, Assistant Secretary of Treasury before Section of Taxation, American Bar Association, Montreal, Canada, Aug. 6, 1966. 1966. 23 leaves, 4° (FF-568.) †  
T 1.31: Su 7/18
- Department circulars. (Fiscal Service, Bureau of Accounts.) †  
T 1.4/2: (nos.)
- 15393 176. Regulations governing deposit of public moneys and payment of Government checks, revised Dec. 1945, 15th amendment. Aug. 25, 1966. 1 p. 4\*
- 15394 677. Voluntary payroll savings plan for purchase of United States savings bonds by employees of United States Government, rescission. 2d revision. Apr. 29, 1966. 1 p. 4°
- 15395 918. Regulations governing withholding for State and territorial income tax purposes, on compensation of Federal employees under act of July 17, 1952, rescission. Apr. 29, 1966. 1 p. 4°
- 15396 979. Regulations governing withholding for District of Columbia income tax purposes, on compensation of Federal employees, under act of Mar. 31, 1956, rescission. Apr. 29, 1966. 1 p. 4°
- 15397 1074. Regulations governing allotments of pay for certain State income tax withholding purposes under act of Sept. 26, 1961 (Public law 87-304), rescission. Apr. 29, 1966. 1 p. 4°

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

# OCTOBER 1966

- 15398 Foreign funds control, regulations and related documents, May 19, 1966. [1966.] cover title, i+22 p. 4° † ● Item 926 T 1.10: F 76/966
- 15399 President's program for national economic responsibility, remarks of Joseph W. Barr, Under Secretary of Treasury, at international annual meeting of Pharmaceutical Manufacturers Association at Gaylord, Mich., Sept. 13, 1966. 1966. 9 p. 4° (F-615.) † T 1.31: B 27/17
- 15400 Remarks by Joseph W. Barr, Under Secretary of Treasury at ceremonies marking deposit of United States Instrument of ratification of Asian Development Bank at United Nations, Aug. 16, 1966. 1966. 3 p. 4° (F-586.) † T 1.31: B 27/16

## UNITED STATES TRAVEL SERVICE, Commerce Dept. Washington, D.C. 20230

- 15401 Bienvenidos a los Estados Unidos de Norte America. [1966.] cover title, 12 p. il. 16° [Text on p. 2-4 of cover.] † C 47.2: W 44/Spanish
- 15402 Bienvenue aux Estats-Unis! [1966.] cover title, 12 p. il. 16° [Text on p. 2-4 of cover.] † C 47.2: W 44/French
- 15403 Datos informativos sobre Estados Unidos, entrada, compras, viajes, alojamiento, propinas, comidas, diversiones, museos. [1966.] 40 p. il. 4°, folded into narrow 8° size. ([U.S.T.S.-102-S.]) † C 47.2: D 62/Spanish
- 15404 Direction: U.S.A., arrivee, achats, déplacements, pourboires, logement, repas, loisirs, musees. [1966.] 40 p. il. 4°, folded into narrow 8° size. ([U.S.T.S.-102-F.]) † C 47.2: D 62/French
- U.S.T.S. [colored poster series]. 1966. † C 47.10/2: (nos.-letters)
- 15405 117-A-G. Reisen sie in eine neue welt, besuchen sie die USA: Totempfad der Haida-Indianer, Saxman im Staat Alaska. 30 x 20 in.
- 15406 117-A-S. Viaje por un nuevo mundo, visite los Estados Unidos: Poste totémico Indio Haida en Saxman, Estado de Alaska. 30 x 20 in.
- 15407 117-F. Decouvrez un nouveau monde, visitez les Etats-Unis: Mat de totem des Indiens Haida, Saxman, Etat d' Alaska. 40 x 25 in.
- 15408 117-S. Viaje por un nuevo mundo, visite los Estados Unidos: Poste totémico Indio Haida en Saxman, Estado de Alaska. 40 x 25 in.
- 15409 121-A-S. Viaje por un nuevo mundo, visite los Estados Unidos: Curandero de la tribu Shoshone, Thermopolis, Estado de Wyoming. 30 x 20 in.
- 15410 121-F. Decouvrez un nouveau monde, visitez les Etats-Unis: Sorcier Indien de la tribu Shoshone, Thermopolis, Etat du Wyoming. 40 x 25 in.
- 15411 Wegwijzer, U.S.A., aankomst, winkelen, reizen, fooien, logeer-gelegenheden, eet-gelegenheden, ontspanning, musea. [1966.] 40 p. il. 4°, folded into narrow 8° size. ([U.S.T.S.-102-D.]) † C 47.2: D 62/Dutch

## URBAN RENEWAL ADMINISTRATION, Housing and Urban Development Dept., Washington, D.C. 20410

- 15412 Urban renewal project characteristics, Dec. 31, 1965. [1966.] cover title, 63 p. 4° [Relates to title 3, Housing act of 1954, and title 1, Housing act of 1949.] † L.C. card 56-63831 HH 7.8: 965-2

## VETERANS ADMINISTRATION Washington, D.C. 20420

- 15413 Medical research program 1965, synopsis. [1966.] cover title, ii+25 p. 4° (Research Service, Department of Medicine and Surgery.) [Issued with perforations.] † ● Item 987-B VA 1.43/4: 965
- L.C. card 66-62437
- VA pamphlet. ● Item 988
- 15414 05-34. Count your benefits. Revised July 1966. [1966.] [1]+9 p. il. 4° (Office of Assistant Administrator for Personnel.) † VA 1.19: 05-34/2

♣For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries



# GOVERNMENT PUBLICATIONS

## VOCATIONAL REHABILITATION ADMINISTRATION, Health, Education, and Welfare Dept., Washington, D.C. 20201

- 15415 Alcoholism and vocational rehabilitation, proceedings of workshop held in Chicago, Ill., Jan. 6-7, 1965, Vocational Rehabilitation Administration, North American Association of Alcoholism Programs. [1966.] v+78 p. il. \* Paper, 35c. ● Item 529  
L.C. card 66-62379 FS 13.202 : A1 1

## WAGE AND HOUR AND PUBLIC CONTRACTS DIVISIONS, Labor Dept., Washington, D.C. 20210

- 15416 List of publications. May 1966. [4] p. narrow 8° (WHPC publication 1153.) † ● Item 775-A L 22.32 : P 96/966  
Questions and answers QA-IND (series).  
15417 12. Sheltered workshops under Fair labor standards act and Walsh-Healey public contracts act. May 1966. [5]+37 p. 4° (WHPC publication 1129.) †  
● Item 778-C L 22.30 : 12/3

## WEATHER BUREAU, Commerce Dept. Washington, D.C. 20235

- 15418 Coastal warning facilities chart: Eastport, Me. to Montauk Point, N.Y., 1966. Scale 50 naut.m.=1.8 in. [1966.] 12 x 19 in. [Broadcast schedules of marine forecasts and warnings on reverse.] \* Paper, 10c.  
L.C. card Map 65-718 C 30.22/3 : Ea 7/966  
15419 — Montauk Point, N.Y. to Manasquan, N.J., 1966. Scale 10 naut.M.=1.3 in. [1966.] 12 x 19 in. [Broadcast schedules of marine forecasts and warnings on reverse.] \* Paper, 10c.  
L.C. card Map 65-718 C 30.22/3 : M 76/966  
Hydrometeorological report. ● Item 275-A  
15420 42. Meteorological conditions for probable maximum flood on Yukon River above Rampart, Alaska [with list of references]; prepared by Hydrometeorological Branch, Office of Hydrology. May 1966. vi+97 p. il. 4° \* Paper, 70c. C 30.44 : 42

## National Severe Storms Laboratory report.

- 15421 19. Measurements by aircraft of condensed water in Great Plains thunderstorms [with list of references; by] George P. Roys and Edwin Kessler. July 1966. [3]+17 p. il. 4° (Technical note 49.) [Report of former National Severe Storms Project.] † C 30.70/2 : 19  
15422 Operations of Weather Bureau. July 1, 1966. x+214 p. il. 4° †  
L.C. card 66-62543 C 30.83 : 966  
15423 Small craft, gale and whole gale warning facilities chart: Great Lakes, Huron, Erie & Ontario, 1966. [1966.] Scale: 50 mi.=1.8 in. 12 x 19 in. [Weather broadcast schedules on reverse.] \* Paper, 10c.  
C 30.22/3 : G 79/966  
15424 — Great Lakes, Superior & Michigan, 1966. [1966.] Scale: 50 mi.=1.5 in. 19 x 12 in. [Weather broadcast schedules on reverse.] \* Paper, 10c.  
C 30.22/3 : G 79/2/966

## WELFARE ADMINISTRATION, Health, Education, and Welfare Dept. Washington, D.C. 20201

- 15425 El bienestar social en un mundo en desarrollo, la function del bienestar social en el proceso de desarrollo; por Elizabeth Wickenden. 1966. vii +57 p. ([Publicacion 8.]) [For English edition, see Monthly catalog, Mar. 1965, entry 5476.] \* Paper, 30c. FS 14.2 : Sol/3/Spanish  
15426 L'action sociale dans un monde en pleine evolution, la place des affaires sociales dans le processus de developpement; par Elizabeth Wickenden. 1966. viii+61 p. ([Brochure 8.]) [For English edition, see Monthly catalog, Mar. 1965, entry 5476.] \* Paper, 30c. FS 14.2 : Sol/3/French

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 15427 Proceedings of International Congress on Home Help Services held in Koenigstein, Germany, Sept. 1965. [1966.] v+102 p. (WA publication 17.) [English translation.] \* Paper, 35c. ● Item 532-A-1  
L.C. card HEW 66-134 FS 14.2: H 25/2/965

Welfare research report. ● Item 532-A-5

- 15428 3. Social, psychological, and economic aspects of alcoholism [with bibliography; by] Catherine S. Chilman [and others]. June 1966. [5]+106 p. 4° (Research Division.) †  
L.C. card HEW 66-135 FS 14.14: 3

# WHITE HOUSE CONFERENCE TO FULFILL THESE RIGHTS

1800 G Street, N.W., Washington, D.C. 20006

NOTE.—The White House Conference To Fulfill These Rights was held in Washington, D.C., June 1-2, 1966.

- 15429 Report of White House Conference, To Fulfill These Rights, June 1-2, 1966, Washington, D.C. [1966.] vii+177 p. 4° \* Paper, \$1.25. ● Item 1088  
L.C. card 66-62390 Y 3.W 58/15: 1/966

## WOMEN'S BUREAU, Labor Dept. Washington, D.C. 20210

- 15430 Laws on sex discrimination in employment, Federal civil rights act, title 7, State fair employment practices laws. May 1, 1966. cover title, 10 p. 4° ([WB 66-340.]) †  
L 13.2: Em 7/10/966
- 15431 State minimum wage legislation, weapon in war on poverty. June 1966. cover title, 17 p. 4° ([WB 66-419.]) †  
L.C. card 66-62552 L 13.2: M 66/12/966
- 15432 Why women work. [Aug. 1966.] 3 p. 4° ([WB 67-6.]) †  
L 13.2: W 84/44/966
- 15433 Women workers in Wisconsin, 1960. [Revised July 1966.] [1966.] 14 p. 4° ([WB 67-30.]) †  
L.C. card L 64-17 L 13.22: W 75/960-3

First Session of the Legislature  
of the State of New York  
January 1st, 1880

REPORT OF THE  
COMMISSIONER OF THE LAND OFFICE  
IN RESPONSE TO A RESOLUTION  
PASSED BY THE SENATE  
JANUARY 1ST, 1880

ALBANY:  
J. B. LIPPINCOTT & CO. PRINTERS  
1880



# Index

MONTHLY CATALOG OCTOBER 1966

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

A.M.C., *see* Army Materiel Command.  
 A.P.R.O., *see* Army Personnel Research Office.  
 A.R.S. series, 14100-113  
 Ability, perceptual-psychomotor tests in air-crew selection, historical review and advanced concepts, 14184  
 Abrahams, John H., jr., preparation of soil samples, laboratory techniques, 15277  
 Abrahamsen, Martin A., agricultural co-operation, pioneer to modern, 14591  
 Abstracts, *see* subjects.  
 Academy of Sciences, Hungary: activities of corporate bodies, 14835 recent activities, 14859  
 Academy of Sciences, Kazakh SSR, Biological Sciences Department, scientific activity of institutions, 14923  
 Academy of Sciences, Turkmen SSR, annual meeting, 14894  
 Academy of Sciences, USSR, vestnik, translations, 14792, 14935  
 Acceleration, airplane, effects on sonic-boom ground pressure patterns, 15152  
 Accidents, *see* Aircraft accidents—Railroad accidents.  
 Acids, nonhazardous acid etches weld samples, 15108  
 L'action sociale dans un monde en pleine evolution, la place des affaires sociales dans le processus de developpement, 15426  
 Activities in science related to space, 15036  
 Acts of Congress, *see* Law.  
 Addresses, lectures, etc.: by—  
 Barr, Joseph W., 15399-400  
 Brenner, Edward J., 15256  
 Brimmer, Andrew F., 14637  
 Bolles, Edgar H., 14742  
 Chinitz, Benjamin, 14322  
 Collins, LeRoy, 14319  
 Connor, John T., 14320, 14328  
 Crafts, Edward C., 15254  
 Faulkner, Rafford L., 14240  
 Flood, Daniel E., print additional copies, report, 14462  
 Freeman, Orville L., 14120-129, 14134, 14151-158, 14160  
 Hanke, Byron R., 14631  
 Harlee, John, 14633  
 Johnson, Wilfrid E., 14241  
 Moore, J. Cordell, 14769  
 Murphy, Robert T., 14286  
 Nace, Raymond L., 14753  
 O'Brien, Lawrence F., 15258  
 Paret, Peter, 14166  
 President Johnson, 15261  
 Randall, K. A., 14623  
 Romm, Joseph, 14292  
 Sableski, Joseph J., 15274  
 Schmeltzer, Edward, 14634  
 Schnellbacher, E. E., 14780  
 Seaborg, Glenn T., 14238, 14242  
 Shaw, William H., 14321  
 Stewart, William H., 15271  
 Surrey, Stanley S., 15392  
 Udall, Stewart L., 14768  
 Whitton, Rex M., 15316  
 Williams, Thomas F., 15270  
 FMC SP series, 14633-634  
 Harmon memorial lectures in military history (series), 14166

Adhesion, ice to hydrophobic surfaces, 15252  
 Adhesives:  
 dot patterns provide reproducible flaw areas for study of adhesive bonds, 15098  
 restorative dental materials 2, proceedings, 15269  
 Adjustment Board, National Railroad, *see* National Railroad Adjustment Board.  
 Administration, *see* Administrative management.  
 Administrative management:  
 Army Supply and Maintenance Command project listing, 14221  
 career, National Institutes of Health, 15273  
 dental administration, Navy manual, change, 15245  
 factors in job-satisfaction, spontaneous comments, analysis, 14192  
 hospital central medical and surgical supply services, 15282  
 staff development, public welfare programs, progress report, 1965, HEW, 14585  
 Administrators, representatives, Federal aviation regulations, 14617  
 Adults, blood glucose levels, 15309  
 Advertising, tires, guides adopted by Federal Trade Commission, 14647  
 Advisory Corrections Council, create, hearings, 14429  
 Aerial photography:  
 aerial-photographic, topographic-geodetic and cartographic work of Soviet Union in Antarctica, 14866  
 spectrozonal aerial photographs for topographic interpretation, USSR study, 14900  
 television cloud photography, meteorological satellite data—  
 ESSA 1, catalogue, 14580  
 TIROS VIII, catalogue, 14579  
 Aerodontalgia under hyperbaric conditions, 14995  
 Aerodynamics:  
 supersonic aerodynamic characteristics of series of related bodies with cross-sectional ellipticity, 15157  
 two-dimensional wedge and triangular plan-form wings, hypersonic laminar viscous interaction effects, 15153  
*see also* Spacecraft.  
 Aeromedical reviews, 14188-189  
 Aeronautics:  
 air transport services, agreement with—  
 Japan, 15346  
 Norway, 15365  
 civil aviation, publications, price list, 15266  
 Federal aviation act of 1958, amend, report, 14463  
 Federal aviation regulations, 14599-617  
 naval aviation, publications, price list, 15266  
 weather procedures handbook, change, 14198  
 Aerosols, viral, and immunization, USSR studies, 14891  
 Aerospace medicine, *see* Medicine.  
 Aerotitis media, *see* Otitis media.  
 Aesthetics, application in industry, USSR study, 14802  
 Africa, market profiles, 14323

# INDEX

- AFSCP, *see* Air Force Systems Command.
- Age, projections of white and nonwhite population to 1985, by age, 14275
- Aged:
- foster grandparent program, new role for older Americans, 14526
  - health insurance, conditions for participating hospitals, correction, 15326
  - health insurance for the aged, HIM (series), 15326
  - nursing homes, etc., employees, 1984 statistics, 15310
  - tax consequences of contributions to needy older relatives, hearing, 14469
  - working with older people, practitioner and the elderly, practice guide, 15312
- Agents, *see* Foreign agents.
- Aging, Special Committee on, Senate, hearing, 14469
- Agricultural commodities, *see* Agricultural products.
- Agricultural economics, *see* Agriculture.
- Agricultural marketing agreement act, *see* Agricultural products.
- Agricultural products:
- agricultural commodities, agreement with—
    - Burma, 15370
    - Greece, 15363
    - Iceland, 15374
    - Indonesia, 15361
    - Israel, 15364
    - Ivory Coast, 15368
    - Kenya, Tanzania, Uganda, and East African Common Services Organization, 15357
    - Pakistan, 15358
    - Tunisia, 15355
    - Vietnam, 15349
    - Yugoslavia, 15369
  - commercial dollar sales of agricultural commodities to foreign countries purchasing same type commodities for foreign currencies under Public law 480, precautions taken for protection, Agriculture Dept., GAO review, 14737
  - market development and promotion, workshop seminar, 14536
  - marketing agreement act of 1937, include certain fruits, hearing, 14406
  - marketing bulletin, 14139
  - marketing research reports, 14140-144
  - production research report, 14150
  - promote international trade, extend public law 480, etc., report, 14467
  - sale under public law 480 to countries trading with North Vietnam, hearings, 14471
- Agricultural Research Service, ARS series, 14100-113
- Agricultural trade development and assistance act of 1954:
- activities under, 1965 annual report, 14383
  - commercial dollar sales of agricultural commodities to foreign countries purchasing same type commodities for foreign currencies under Public law 480, precautions taken for protection, Agriculture Dept., GAO review, 14737
  - extend, etc., report, 14467
  - sale of agricultural commodities to nations trading with North Vietnam, hearings, 14471
- Agriculture:
- agricultural cooperation, pioneer to modern, 14591
  - agriculture handbooks, 14130-131
  - agriculture information bulletin, 14133
  - agronomic studies of phormium in western Oregon, 14150
  - bibliographies and lists available, 15204
  - Cyprus' agricultural economy in brief, 14544
  - Europe and Soviet Union situation, mid-year review, 14545
- Agriculture—Continued
- Far East and Oceania situation, midyear review, 14546
  - front and center (address), 14128
  - full parity of income—
    - adequate size family farming operation (statement), 14158
    - farming operations (address), 14122
  - increasing agricultural production in developing nations (remarks), 14153
  - scientific cultivation of agricultural plants, Rumanian study, 14917
  - significant progress since 1960, report and review statement, 14154-157
  - see also* Farmers cooperative organizations.
- Agriculture and Forestry Committee, Senate:
- hearings, 14505
  - report, 14467
- Agriculture Committee, House:
- committee print, 14407
  - hearings, 14403-406
  - report, 14398
- Agriculture Department:
- appropriations, 1967, hearings, 14471
  - consumer expenditure survey reports, 14117-118
  - marketing bulletin, 14139
  - marketing research reports, 14140-144
  - miscellaneous publications, 14145-146
  - opportunities for doctors of veterinary medicine, 14135
  - PA [program aid] series, 14147-149
  - precautions taken to protect dollar sales of agricultural commodities to foreign countries purchasing same type commodities for foreign currencies under Public law 480, GAO review, 14737
  - production research reports, 14150
  - statistical bulletin, 14161
  - technical bulletins, 14162-164
- AIB series, 14133
- AID, *see* International Development Agency.
- Aids to navigation, *see* Navigation.
- Air:
- brazing retort manifold design concept may minimize air contamination, 15101
  - radiation tables, spectral distribution functions for molecular band systems, 15060
- Air almanacs, *see* Almanacs.
- Air carriers:
- certification and operations, Federal aviation regulations, changes, 14609-610
  - labor dispute, settlement, hearings, 14428
  - regional air cargo workshop (remarks), 14286
  - scheduled, helicopters, certification and operations, Federal aviation regulations, changes, 14611-612
  - strike impact on defense posture, hearing, 14411
  - supplemental—
    - inclusive tours, CAB special regulations, 14288
    - terms, conditions, and limitations of certificates to engage in air transportation, CAB economic regulations, 14284
  - temporary international route authority, report, 14463
  - transportation of dangerous articles and magnetized materials, Federal aviation regulations, change, 14608
  - United States carriers, list, 14285
- Air Force:
- librarians, employment, 14173
  - officers, leadership, 14167
  - publications, price list, 15266
  - report to our shareholders, 1966, 14197
- Air Force Academy, Colo., assembly, 1966, final report, 14165
- Air Force Department:
- administrative military aircraft, savings through improved utilization of space, GAO report, 14731

## Air Force Department—Continued

- Air Force manuals, 14107-172
- Air Force pamphlets, 14173-177
- lunar charts and mosaic series, 14179-182, 14186-187
- management of selected time compliance technical orders requiring modifications to engines for F-100 aircraft, GAO report, 14725
- Personnel Research Laboratory, technical reports, 14183-184
- Air Force Systems Command:
  - pamphlet, 14178
  - research and development, guide for design, conduct, and analysis of Air Force tests, pamphlet, 14178
- Air freight forwarders, *see* Freight forwarders.
- Air lines, *see* Air carriers.
- Air navigation, TACAN systems course, electronics technician, class C, trainee's guide, 15249
- Air pollution:
  - clubwomen accept the challenge (address), 15270
  - comparative method for studying costs, 15275
  - control, automobile crankcase ventilation systems, performance, 15293
  - odor, community surveys and evaluation (paper), 15274
  - time for action (address), 15271
  - we can help clear the air, Jaycee community action program, 15311
- Air raid shelters, creation of fallout shelter through slanting and cost reduction techniques, 14291
- Air speed:
  - approach speed, application of criteria derived from closed-loop pilot-vehicle systems analyses to ogee wing aircraft, 15072
  - hypersonic laminar viscous interaction effects on aerodynamics of 2-dimensional wedge and triangular planform wings, 15153
  - transonic speeds, pressure distributions on orifice cylinder, 15148
- Air traffic, navigable airspace, objects affecting, Federal aviation regulations, change, 14606
- Air transportation, *see* Aeronautics—Air carriers—Transportation.
- Aircraft:
  - aircraft and related products, identification and registration marking, Federal aviation regulations, change, 14601
  - Army, automated cargo delivery systems, cost, etc., evaluation, 14233
  - decontaminating, practice guide, 14684
  - IFR altitudes, Federal aviation regulations, 14607
  - large, commercial operators, certification and operations, Federal aviation regulations, changes, 14609-610
  - maintenance, preventive maintenance, rebuilding, and alteration, Federal aviation regulations, change, 14600
  - manned, low-speed tests of 50°-swept parawings, 15144
  - military administrative, savings through improved utilization of space, Air Force Dept., GAO report, 14731
  - ogee wing, application of approach speed criteria derived from closed-loop pilot-vehicle systems analyses, 15072
  - pilot describing function measurements in multiloop task, 15052
  - thunderstorm water content measuring, equipment, data obtained, etc., 15421
  - XV-9A hot cycle research program, summary report, 14232
  - see also* Airplanes—Fighter planes—also names of aircraft parts, e.g., Engines (aircraft).

## Aircraft accidents:

- head and face injury potential of airline seats during crash decelerations, 14243
- rules of CAB, investigations, etc., 14287
- Aircraft engines, *see* Engine (aircraft).
- Aircraft repair stations, Federal aviation regulations, change, 14614
- Aircrews, *see* Flight crews.
- Airlines, *see* Air carriers.
- Airmen:
  - other than flight crewmembers, certification, Federal aviation regulations, change, 14604
  - physical standards, medical certificates, Federal aviation regulations, change, 14605
- Airplanes:
  - accelerations, effects on sonic-boom ground pressure patterns, 15152
  - Denalt performance computer for use with fixed pitch propeller planes, 14681-682
  - supersonic transport—
    - crews, potential roles, flight deck implications, 15064
    - model with high-aspect-ratio variable-sweep wing, pitch-up, 15160
- Airports, construction, alteration, activation, and deactivation notice, FAA regulation, 14616
- Airsickness, *see* Motion sickness.
- Airways, navigable airspace, objects affecting, Federal aviation regulations, change, 14606
- Airworthiness, *see* Engines (aircraft).
- Akron, Ohio, area wage survey, metropolitan area, 14976
- Alabama:
  - census of manufactures, 1963, manufacturing plants, location by county, industry, and employment size, 14259
  - water used in mineral industry, 15033
- Alampl, Phillip, New Jersey's outstanding citizen of the year, ceremonies honoring (address), 14124
- Alaska, migratory birds, Federal regulations governing hunting, etc., 1966-67, 14673
- Albania, mineral industry, minerals yearbook chapter, 15014
- Albert, C. D., fluvial sediment in Little Arkansas River Basin, Kans., 14754
- Alcohol, ethanol-jet atomization in combustor with oscillatory combustion-gas flow, 15147
- Alcoholism:
  - and vocational rehabilitation, proceedings of workshop, 15415
  - social, psychological and economic aspects, 15428
- Aldrich, John W., American eagles and their economic status, 14650
- Alexander, J. A., study of low density, high strength high modulus filaments and composites, 15041
- Alfalfa, dehydrating plants, feasibility of establishing in Northwest resource conservation and development project areas, 14542
- Alfandre, Howard J., aerotitis media in submarine recruits, 14992
- Algorithms, *see* Calculus.
- Alkanes, *see* Paraffins.
- Algeria, background notes, 15337
- Aliens, USSR, regulations governing travel of foreign nationals, 14847
- All-Union:
  - NOTE.—For headings beginning All-Union, *see* Union of Soviet Socialist Republics.
- Allen, Richard A., air radiation tables, etc., 15060
- Alliances, NATO and Warsaw Pact, Yugoslav analysis, 14812
- Allison, Dennis O., thermodynamic properties of gas mixtures, 15156



# INDEX

- Alloys:**  
bearing, with hexagonal crystal structures provide improved friction and wear characteristics, 15103  
columbium-modified NASA TAZ-8 super-alloy, investigation, 15188  
high-strength, electrical discharge machining, USSR studies, 14832  
*see also* names of metals, etc.
- Allsman, Paul L.,** gypsum, 15008
- Almanacs:**  
nir, 1967, 15229  
National Institutes of Health, 15291
- Alphonsus, RLC 14-17,** lunar charts, 14187
- Altitude, operation of aircraft under IFR,** Federal aviation regulations, 14607
- Alumina:**  
aluminum oxide, single crystal and polycrystalline, in contact in vacuum, friction characteristics, 15190  
single-crystal and polycrystalline, in contact with various metals in vacuum, friction characteristics, 15185
- Aluminum,** self-supported thin films produced by vacuum deposition process, 15117
- Aluminum oxide,** *see* Alumina.
- AM series,** 14248
- AMC,** *see* Army Materiel Command.
- Amebiasis,** occurrence, sources and methods of infection, symptoms, etc., 15280
- America,** building rural, rural areas development, press reports, 14597
- Amplifiers,** USSR all-Union scientific session devoted to radio day, 14941
- Analysis,** *see* names of substances analyzed.
- Analytical Mass Spectrometry Section,** instrumentation and procedures for isotopic analysis, 15209
- Anatomical and agronomic studies of phormium** in western Oregon, 14150
- Anatomy, human body density and fat measured** by water displacement of adult male, 14235
- Anderson, Norman G.,** zonal centrifuges and ancillary systems for tissue fractionation and analysis, 15289
- Anderson, William W.,** shrimp and shrimp fishery of southern United States, 14654
- Andrasteck, Donald A.,** cost, etc., evaluation of automated cargo delivery systems in Army aircraft, 14233
- Andreassl, John L.,** physiological correlates of learning and overlearning, 15251
- Anesthesia,** *see* Electrococarcosis.
- Animals:**  
burned, toxic and serological shifts in blood, USSR study, 14879  
small-animal payload integration with sounding rocket, 15081  
*see also* Diseases of animals.
- Annapolis, Md.,** *see* Naval Academy, Annapolis.
- Annuitants, trusts, tax exemption, procedures** and guides for qualification under internal revenue code, 14779  
*see also* Civil service pensions.
- Anomalies:**  
gold geochemical, Cortez district, Nev., 14751  
southwestern Sakhalin, nature of gravity, USSR study, 14805
- Antarctic regions, aerial-photographic, topographic-geodetic and cartographic work of** Soviet Union, 14866
- Antarctica,** *see* Antarctic regions.
- Anthropometry, human body density and fat** measured by water displacement of adult male, 14235
- Antidotes,** *see* Poisons.
- Antimony, minerals yearbook chapter,** 14999
- Antipoverty program,** *see* Poverty.
- Apanasewicz, Nelle,** textbooks for Soviet schools, 14565
- Aphids, balsam woolly aphid eggs, collection** techniques, 14710
- Aplite, minerals yearbook chapter,** 15005
- Apples, sorting and sizing before storage** with prototype hydrohandling system, 14112
- Appleseed, Johnny,** 5-cent commemorative postage stamp (poster), 15260
- Apollo Project,** *see* Project Apollo (man-in-space program).
- Apprentices:**  
automobile mechanic, body repairman and painter, apprenticeship and training standards, 14201  
dental laboratory technicians, apprenticeship and training policy, 14200
- Appropriations, legislative, 1967, report,** 14395  
*see also* Government offices—*also* subjects, or names of departments, etc., for which appropriations are made.
- Appropriations Committee, House, hearings,** 14408
- Appropriations Committee, Senate, hearings,** 14471-472
- Apricots, production, use, value, 1964-65,** by States, 15379
- APRO,** *see* Army Personnel Research Office.
- Aquatic animals, morphological features,** USSR study, 14921
- Arago, AIC 60C,** lunar chart, 14180
- Aransas National Wildlife Refuge, general** information, 14658
- Arc welding,** *see* Welding.
- Architect of Capitol:**  
appropriations, 1967, legislative, report, 14395  
report, semiannual, 14449
- Architecture:**  
architectural-engineering documents for health research facilities construction grants, guidelines, 15267  
Army medical facilities, design technical manual, change, 14224
- Arctic Ocean, Soviet, lunar-solar semi-**monthly and monthly tides, USSR study, 14796
- Arctic regions:**  
and subarctic construction site selection and development, Army technical manual, 14226  
biology and medicine symposia, proceedings, 14185  
emergency construction, technical manuals—  
general provisions, 14227  
site selection and development, 14228
- Area wage surveys,** *see* Wages.
- Argentina-Uruguay boundary, study,** 15342
- Argon, reaction of coal in argon and argon-**hydrogen plasmas, 15030
- Arizona:**  
census of manufactures, 1963, area statistics, 14250  
manufacturing plants, location by county, industry, and employment size, 1963 census, 14260  
nonpegmatitic beryllium occurrences, 15029
- Armed Forces:**  
additional accumulation of leave in certain foreign areas, hearings, 14410  
members, motor vehicles, transportation at Government expense, amend U.S. Code, hearing, 14409  
women, 14204
- Armed Forces Industrial College,** *see* Industrial College of Armed Forces.
- Armed Forces Information and Education,** DOD pamphlets, 14203-205
- Armed Forces Institute, correspondence** courses offered by colleges, etc. DOD pamphlet, 14203
- Armed Services Committee, House:**  
committee print, 14408A  
hearings, 14409-412
- Armed services papers,** 14409-412
- Arms (firearms),** *see* Firearms.

- Arms Control and Disarmament Agency, telephone directory, 15344
- Army:
- aircraft, automated cargo delivery systems, cost, etc., evaluation, 14233
  - enlisted personnel dining facilities, technical manual, 14225
  - facilities, basic criteria and construction standards, technical manual, 14222
  - history, painting exhibit at Pentagon, 14213
  - medical facilities, design, technical manual, change, 14224
- Army Aviation Materiel Laboratories, technical reports, 14232-233
- Army Department:
- maintenance of combat vehicles, GAO review, 14736
  - pamphlets, 14214-219
  - technical manuals, 14222-231
- Army hospitals, *see* Military hospitals.
- Army Materiel Command, AMC pamphlets, 14208-209
- Army Medical Research and Nutrition Laboratory, Fitzsimons General Hospital, report, 14235
- Army Personnel Research Office, USAPRO technical research note, 14234
- Army rations, *see* Rations.
- Arnoff, Franklin N., National Institute of Mental Health student research stipend program in social work, 15290
- ARS series, 14100-113
- Art, *see* Paintings.
- Arthritis, *see* Osteoarthritis—Rheumatoid arthritis.
- Artificial satellites, *see* Satellites.
- Ashby, Lowell D., growth patterns in employment by county, 1940-50 and 1950-60, Far West, 14247
- Asia:
- central, statistical structure of wind field, USSR study, 14877
  - Soviet Central, Volga Germans, 14934
  - United States policy, report, 14387
  - United States trade, 1963-65, Communist areas, 14327
- Asian Development Bank, ceremonies marking deposit of United States' instrument of ratification (remarks), 15400
- Aspen, Minnesota's, and projected supply, 14703
- Assets and liabilities, *see* Banks and banking.
- Astronautics:
- manned space flight, influence on cardiovascular function, 14196
  - physiological methods in cosmonautics, USSR study, 14821
  - see also* Navigator (interplanetary) missions.
- Astronauts, ability to establish lunar orbit using simplified guidance technique, 15154
- Astronomy, space, 1958-64, significant achievements, 15080
- Atlantic Coast:
- storm warning facilities chart—
  - Eastport, Me. to Montauk Point, N.Y., 15418
  - Montauk Point, N.Y. to Manasquan, N.J., 15419
- Atlantic Coast Line R.R., accident, 14785
- Atlantic Ocean, radio navigational aids, change, 15238
- Atlantic States:
- Middle, manufacturing plants, location by county, industry, and employment size, 1963 census, 14255
  - soil sampling small wetland forest plots in Coastal Plain, 14711
  - south Atlantic region, standard metropolitan statistical areas, facts for marketers, 14246
  - South, manufacturing plants, location by county, industry, and employment size, 14258
- Atlases, Indian Ocean, bathythermograph data, 15231
- Atmosphere:
- particles, settling rate, USSR study, 14911
  - planetary, continuing bibliography, 15091
  - upper—
  - hydromagnetic wave propagation near 1 c/s, 15211
  - radioactivity sampling, agreement with Australia, 15362
- Atmospheric entry:
- Project Sparta in Australia, agreement with Australia and United Kingdom, 15348
  - tension shell entry configuration, longitudinal aerodynamic characteristics, 15159
- Atmospheric refraction, effects on sonoboom ground-pressure patterns, 15152
- Atomic energy:
- application of safeguards by IAEA, agreement with Austria, 15345
  - peaceful uses, Bulgaria, progress noted at session of permanent commission, 14952
- Atomic Energy Commission, AEC research and development reports, 14236-237
- Atomic physics, *see* Nuclear physics.
- Atomic warfare, civil defense and current damage limiting studies (speech), 14292
- Atomic weapons, *see* Weapons.
- Atomization, ethanol jets in combustor with oscillatory combustion-gas flow, 15147
- Attenuation, radiation from artificial earth satellites, USSR study, 14890
- Attitude control, *see* Spacecraft.
- Attorney General, *see* Justice Department.
- Auditing, *see* for audit reports, names of corporations, etc.
- Aukerman, Carl A., rocket performance of Apollo storable propellants in engines with large area ration nozzles, 15173
- Ausmus, Norma F., current employment market for engineers, scientists and technicians, 14567
- Australia:
- Project Sparta, flight reentry program, agreement, 15348
  - radioactivity sampling of upper atmosphere, agreement, 15362
- Austria, atomic energy, cooperation for civil uses, application of safeguards, agreement, 15345
- Authors, L.C. national union catalog, cumulative list, register of additional locations, 14986
- Automatic protective vent has fail-safe feature, 15099
- Automation:
- aircraft cargo delivery systems, cost, etc., evaluation, 14233
  - automatic instruments and equipment, production, USSR study, 14928
  - automatic regulation and control, USSR studies, 15203
  - cybernetics and automation, USSR studies, 14810
  - manpower, research monographs, 14961
  - synthesis of nonlinear control laws, USSR study, cancellation, 14790
- Automobile-body repairmen, apprenticeship and training standards, 14201
- Automobile mechanics, *see* Mechanics (persons).
- Automobile painters, *see* Painters.
- Automobiles:
- consumer buying intentions, 14278
  - crankcase ventilation systems, performance, 15293
  - travel by Federal employees, cost reductions through use of Govt.-owned vehicles, GAO report, 14730
- Automotive trades, *see* Motor vehicles.
- Aviation, *see* Aeronautics.
- Aviation accidents, *see* Aircraft accidents.

# INDEX

Aviation machinists mate J 1 & C, Navy training course, 15241  
 Aviation medicine, *see* Medicine.  
 Aviators:  
   comfortable approach speed criteria derived from closed-loop pilot-vehicle systems analyses, application to ogee wing aircraft, 15072  
   gyroplane commercial pilot, flight test guide, 14683  
   human tracking performance in uncoupled and coupled 2-axis systems, 15045  
   motion sickness, speed of recovery from coriolis stimulation, 14194  
   pilot describing function measurements in multiloop task, 15052  
   pilot proficiency, assessment, 15250  
   plots and flight instructors, certification, Federal aviation regulations, change, 14602  
 Awards (arbitration):  
   National Railroad Adjustment Board, 15226-228  
 Awards (incentive), *see* Rewards (prizes, etc.).  
 Axial compression, buckling of imperfect cylinders, 15051  
 Axial flow, *see* Flow.  
 Ayudando a la gente en grupos, seis documento de trabajo presentados en el Seminario sobre Servicios de Grupo, 14584  
 Azerbaydzhan Soviet Socialist Republic, water resources of administrative regions, estimate, 14892

## B

Baber, Clayton E., Fortran IV 2-dimensional discrete angular segmentation transport program, 15178  
 Bail, agency, establish in D.C., report, 14454  
 Baker, B. B., jr., glossary of oceanographic terms, 15239  
 Bakers and bakeries, bakery products companies, 1959-64, ownership changes made, 14539  
 Balance of payments:  
   and discriminatory ocean freight rates, hearings, 14369  
   commercial dollar sales of agricultural commodities to foreign countries purchasing same type commodities for foreign currencies under Public law 480, precautions taken for protection, Agriculture Dept., GAO review, 14737  
   discriminatory ocean freight rates, report, 14370  
   saving dollars through use of foreign currencies to transport personnel effects abroad, GAO report, 14728  
 Bald eagle, *see* Eagles.  
 Baldanza, Nicholas T., fiber reinforced thermoplastics, 14521  
 Balloons, radioactivity sampling of upper atmosphere, agreement with Australia, 15362  
 Balsam fir, *see* Fir.  
 Balsam woolly aphids, *see* Aphids.  
 Baltic Sea, sailing directions, change, 15233  
 Baltimore, Md., reduced defense spending, potential impact, 14207  
 Bamboo, fiber and papermaking characteristics, 14164  
 Bangkok, Thailand, U.S. trade center, 14783  
 Banking and Currency Committee, House:  
   committee print, 14413  
   hearings, 14414  
   list of publications, hearings and committee prints, 89th Congress, 14413  
   report, 14388  
 Banking and Currency Committee, Senate, hearings, 14474-477

Banks and banking:  
   assets, liabilities, capital accounts, commercial and mutual savings banks, 14624  
   control of time and savings deposits (address), 14623  
   insured banks, maximum rates of interest paid, regulation, hearing, 14476  
   interest payable on deposits, etc., provide more flexible regulation of maximum rates, hearing, 14474  
   monetary policy and allocation of commercial bank credit (remarks), 14637  
   *see also* Federal land banks—Federal reserve member banks—*also* names of banks or places where located.  
 Bargaining cooperatives look to future, 14595  
 Barnes, Farrell F., geology and coal resources of Beluga-Yentna region, Alaska, 14746  
 Baron, Norton, manufacture of lithium-diffused silicon surface-barrier semiconductor counters, 15166  
 Barr, Joseph W.:  
   remarks—  
     Aug. 16, 1966, 15400  
     Sept. 13, 1966, 15399  
 Barracks and quarters, charges for Government-owned quarters at Mount Edgecumbe, Alaska, by Public Health Service, GAO review, 14735  
 Bascom, W. D., adhesion of ice to hydrophobic surfaces, 15252  
 Bathymographs, atlas of data, Indian Ocean, 15231  
 Batte, William G., digital higher order interpolation path controller, 15182  
 Battlegrounds, *see* names of certain national parks, etc.  
 Battles, *see* names of battles, or places where fought.  
 Bayard-Alpert ionization gages, *see* Ionization gages.  
 Beach erosion, *see* names of localities.  
 Beams, uniform, with linearly varying in-plane and axial load, eigenvalue problem, 15056  
 Bear River Migratory Bird Refuge:  
   birds, list, 14665  
   general information, 14657  
 Bearings (machinery):  
   bearing alloys with hexagonal crystal structures provide improved friction and wear characteristics, 15103  
 Beaufort, William R., fire planning in Inter-mountain West, 14713  
 Beautification:  
   America, 5-cent commemorative postage stamp, 15259  
   preservation of America's natural beauty and enhancement of landscape, Federal-State coordination (remarks), 14328  
 Beck, W. J., Northwest Shellfish Sanitation Research Planning Conference, proceedings, 15276  
 Beef, exports, expand, hearings, 14505  
 Beetles:  
   California, 5-spined ips, general information, 14696  
   western pine, general information, 14694  
 Bell, G. R., quality feed water for Webster, S. Dak., electrodiolysis plant, 14773  
 Belluzia, Josephine A., relief, 14349  
 Beluga-Yentna region, Alaska, geology and coal resources, 14746  
 Benzimidazole, *see* Polybenzimidazoles.  
 Berg, A. I., interview on programmed instruction, Chairman of Interdepartmental Scientific Council on Programmed Instruction, USSR, 14791  
 Berkeley County, W. Va., soil survey report, 15334  
 Bernot, Peter T., static stability characteristics of cone, etc., configurations, 15162



- Berries, production, use, value, 1964-65 by States, 15379
- Bertram, Mitchel H., hypersonic laminar viscous interaction effects on aerodynamics of 2-dimensional wedge and triangular planform wings, 15153
- Beryllium:  
chemistry of beryllides, USSR study, 14854  
nonpegmatitic occurrence in Arizona, etc., 15029
- Bethlahmy, Nedavia, controlling soil movement from steep road fills, 14699
- Bettendorf, Edna S., relief, 14354
- Beverages, vending, food sanitation requirements, 14997
- Bibliography:  
aerospace medicine and biology, 15090  
agriculture, library list, 15204  
crambe abyssinica, 14543  
environmental engineering and food protection, 15272  
flood damage prevention, index, 15389  
forest genetics and related research, annotated, 14715  
lasers and masers, 15089  
marketing economics research publications, 14534  
medical translations, 15219  
North American geology, 14748  
plant location planning, a look at the labor side, Labor Statistics Bureau publications and studies, list, 14982  
red-winged blackbird, 14677  
regional cotton mechanization research projects S-2 and W-24, 14104  
retail credit and collections, 15324  
right-of-way acquisition, supplement, 15313  
scientific documentation, current research and development, 15320  
small business, 15324  
soybean, processing and utilization, 15205  
technology transfer and innovation, 14329  
see also names of departments, etc., issuing lists of publications.
- El bienestar social en un mundo en desarrollo, la función del bienestar social en el proceso de desarrollo, 15425
- Bienvenidos a los Estados Unidos de Norte America, 15401
- Bienvenue aux Etats-Unis!, 15402
- Bills (congressional):  
armed services, hearings on miscellaneous bills, 14412
- Blossay, see Biological assay.
- Biochemistry, Intraspecies biologic and behavioral variability, 14193
- Biography, sketch of Soviet chemical scientist academician N. N. Semenov, 14882
- Biological assay, evaluation of p,p'-DDT as reference toxicant in bioassays, 14674
- Biological chemistry, see Biochemistry.
- Biological Laboratory, Gulf Breeze, report, 14651
- Biological products, produced in licensed establishments, list, 14119
- Biological Sciences Department, Academy of Sciences Kazakh SSR, scientific activity of institutions, 14923
- Biological warfare, agents, Yugoslav comment, 14899
- Biology:  
aerospace, bibliography, 15090  
arctic biology and medicine symposia, proceedings, 14185  
development of biological research in Hungary, 14834  
Hungary, biological sciences, development, 14845  
solute and water transport across biologic membranes, 14774
- Bionics, status and trends in development, USSR study, 14950
- Birch, yellow seedlings, growth response to humus-mineral soil mixtures, 14705
- Birds:  
Bear River Migratory Bird Refuge, list, 14665  
Great Meadows National Wildlife Refuge, list, 14666  
Havasu Lake National Wildlife Refuge, list, 14662  
Isle Royale in Lake Superior, 14676  
Laguna Atascosa National Wildlife Refuge, list, 14664  
protected by Federal law, list, 14680  
Santee National Wildlife Refuge, list, 14663  
Swan Lake National Wildlife Refuge, list, 14667  
William L. Finley National Wildlife Refuge, list, 14668
- Birth control, oral contraceptives, FDA report, 14685
- Bittker, David A., hydrogen-fluorine propellant system, 15195
- Blackbirds, red-winged, selected bibliography, 14677
- Blackwell, James A., Jr., supersonic investigation of effects of configuration geometry on pressure-coefficient and section normal-force-coefficient distributions for 2-stage launch vehicle, 15139
- Blade, Robert J., attenuation of sinusoidal disturbances in nonviscous fluid flowing in long line with distributed leakage, 15171
- Blades, element performance of axial-flow pump rotor with blade tip diffusion factor of 0.66, 15191
- Blair, B. E., long-term performance of rubidium vapor frequency standards, 15210
- Blood:  
burned animals, toxic and serological shifts, USSR study, 14879  
existence of plasma flow in pericapillary lymph space, 15146  
glucose levels in adults, 15309
- Blood pressure, renal disease and hypertension, Public Health Service cooperative studies, conferences, proceedings, 15296
- BLS report series, 14968-969
- Blue spruce, see Spruce.
- Bluestem, Flint Hills, and Osage pasture report, Kansas and Oklahoma, 15375
- Blunt bodies, roughness effects on boundary-layer transition for blunt-leading-edge plates, 15149
- Board of Foreign Scholarships, see Foreign Scholarships Board.
- Body measurements, see Anthropometry.
- Body weight, density and fat of adult male population measured by water displacement, 14235
- Rollers, materials, construction, etc., marine engineering regulations, 14316
- Boiling, nitrogen, visual study of velocity and buoyancy effects, 15138
- Boland, John V., Construction Co., see John V. Boland Construction Co.
- Bolin, Stanley F., team procedures in image interpretation, 14234
- Boll weevils, see Weevils.
- Bolles, Edgar H., talk, May 4, 1965, 14742
- Bonavito, N. L., computation procedure for Vinti's accurate reference orbit with inclusion of 3d zonal harmonic, 15170
- Bonding of materials, dot patterns provide reproducible flaw areas for study of adhesive bonds, 15098
- Bonds, TVA power program financing, increase limitation, hearing, 14503
- Books:  
former Communist Party chairman publishes books, 14903  
Last battle, by Cornelius Ryan, Soviet colonel reviews, 14925  
Library of Congress author catalog, register of additional locations, 14986  
library, price fixing, hearings, 14492  
see also Textbooks.
- Boosters (rocket), see Rockets.

# INDEX

- Boron:  
 deoxidized copper withstands brazing temperatures, 15092  
 minerals yearbook chapter, 15000  
 Boron hydrides, pharmacology and toxicology, 14188  
 Botanic Garden, appropriations, 1967, legislative, report, 14395  
 Boulder County, Colo., land conveyance to W. F. Stover, 14357  
 Boundaries, international boundary study, 15342  
 Boundary layer:  
   laminar and turbulent—  
     hypersonic pressure and heat transfer tests, 15047  
     pressure and heat transfer tests on surface roughness elements, 15049  
     transition, roughness effects for blunt-leading-edge plates, 15149  
 Bowen, Hugh M., study, assessment of pilot proficiency, 15250  
 Bowie, Robert K., nomination, hearings, 14481  
 Boycotts, private boycotts vs. national interest, 15338  
 Bradley, Nell B., disabling work-injury experience of oil industry and natural gas industry in U.S., 15004  
 Brakensiek, D. L., storage flood routing without coefficients, 14102  
 Branford, Fla., railroad accident, 14785  
 Branstetter, J. Robert, surface temperature measurement by optical and ratio pyrometers, 15193  
 Brazing, *see* Solder and soldering.  
 Breakwaters, rubble-mound designs for Dana Point Harbor, Calif., hydraulic model investigation, 14575  
 Brenner, Edward J., address, Sept. 13, 1966, 15256  
 Bricker, Neal S., solute and water transport across biologic membranes, 14774  
 Brimmer, Andrew F., remarks, Sept. 11, 1966, 14637  
 Briquets, mineral yearbook chapter, 15006  
 Broadcasting, *see* Radio broadcasting—Radio stations.  
 Broilers, *see* Chickens.  
 Brown, H., navigator study of electric propulsion for unmanned scientific missions, 15066  
 Brown, James K., firebreak maintenance with soil sterilants, 14707  
 Buckley, Donald H.:  
   friction characteristics—  
     aluminum oxide in contact with various metals in vacuum, 15185  
     single crystal and polycrystalline aluminum oxide in contact in vacuum, 15190  
 Buckling, *see* Strains and stresses.  
 Budget Bureau:  
   Interagency Committee on Occupational Classification, collection and classification procedures in Federal agencies, progress report, 14245  
   legislative policy, hearing, 14404  
   working papers, 14244-245  
 Bugz, Frank M., low-speed tests of 50°-swept parawings applied to 0.17-scale model of manned flight vehicle, 15144  
 Building:  
   college campus construction and rehabilitation, 14556  
   construction projects, fire safety (talk), 14742  
   housing construction, 1889-1964, statistics, 14280  
   mortgage credit for residential construction, stimulate flow, hearing, 14474  
   permits, 14263  
   housing authorized, summary statistics, 14263  
   school and hospital construction program, agreement with Burma, 15370  
 Building rural America, 14597  
 Buildings, seismic design, Army technical manual, 14223  
 Bulgaria:  
   Central Council of Trade Unions, officers, members, etc., 14848  
   inventors and efficiency experts receive awards, 14951  
   National Assembly's permanent commission on industry and energy progress noted at session, 14952  
   scientific and technological progress, 14954  
 Bulletins, *see* Farmers' bulletins—also names of departments, etc., issuing bulletins—also subjects.  
 Burma:  
   agricultural commodities, agreement, 15370  
   school and hospital construction program, agreement, 15370  
 Burnett, Earle S., calibration of rotating piston deadweight gage by means of mercury column, 15025  
 Burt, Eddie C., boll weevil control in field experiment with machine designed to destroy shed cotton squares, 14106  
 Buses, *see* Motorbuses.  
 Business:  
   census, 1963, area statistics, announcement and order form, 14248  
   county business patterns—  
     CBP series, 14264-268  
     1964 bound volumes—  
       announcement and order form, 14268  
       Pennsylvania-Wyoming, 14267  
   executives march ahead, Ghana request shows progress by U.S. volunteer international corps, 14781  
 International, publications, checklist, 14782  
 overseas business reports, 14323-14327  
 scientific and technological advances, State-Federal coordination (remarks), 14328  
 small business—  
   bibliographies, 15324  
   distribution problems, hearings, 14495  
   export marketing, manual, 15323  
   investment act amendments of 1966, hearings, 14477  
   regional procurement, New York State, hearings, 14506  
   role in air transportation industry, hearings, 14442  
 Buying, *see* Purchasing.

## C

- C.A.B., *see* Civil Aeronautics Board.  
 C&MS, *see* Consumer and Marketing Service.  
 C.C.C., *see* Commodity Credit Corporation.  
 C.R.R.E.L., *see* Cold Regions Research and Engineering Laboratory.  
 CAB, *see* Civil Aeronautics Board.  
 Cabbage caterpillars, chemical compounds for control, field evaluation, 14100  
 Cable, Louella E., plankton, 14653  
 Cables, length determinations for deep-sea oceanographic operations, 14314  
 Calculators, *see* Denalt performance computers.  
 Calculus, propositional, machine search algorithm for derivation, USSR study, 14856  
 Calibration, rotating piston deadweight gage by means of mercury column, 15025  
 California:  
   five-spined 1ns, 14696  
   Indians judgment funds, disposition, hearings, 14427  
 Call, David L., private label products in food retailing, 15218  
 Callipteridae, *see* Tinsleya.  
 Callis, Linwood B., analysis of supersonic flow phenomena in conical nozzles by method of characteristics, 15164  
 Calloway, Anthony A., relief, 14344

- Cameras, television, use of junction connectors for strategic placement, 15121
- Canada:  
loan of vessels, extension, agreement, 15354  
sewage disposal system, agreement, 15372  
steel jacks, determination of likelihood of injury, 15386
- Cancer, community health planning grants, 14757
- Cantrell, George K.:  
factors in job-satisfaction, 14191  
analysis of spontaneous comments, 14192
- Capella, AIC 79A, lunar chart, 14182
- Capillaries, dynamics, and existence of plasma flow in pericapillary lymph space, 15146
- Capital of United States:  
regional development guide, 1966-2000, National Capital area, 15213  
welcome to Washington, 15224
- Capital stock tax, State taxation of interstate commerce, report, print additional copies, report, 14461
- Carbon, liquid uranium, metal, and carbon systems, vaporization, 15076
- Cardiac activity, *see* Heart.
- Cardiography, phase analysis of cardiac activity, USSR study, 14953
- Cardiovascular system:  
manned space flight, influence on cardiovascular function, 14196  
monitoring, NASA contributions, 15084
- Careers, *see* Civil service—Government officials and employees—Occupations.
- Cargo, *see* Shipping.
- Cargo handling:  
automated delivery systems in Army aircraft, cost, etc., evaluation, 14233  
rigging cargo gear, 14965
- Cargo services, *see* Air carriers.
- Carlson, R. L., buckling of complete spherical shells, 15057
- Carlson stress meter, improved, supplementary tests, 14576
- Carpenter, Eugene M., forest-product imports and exports via Great Lakes-St. Lawrence Seaway through upper lakes ports, 14706
- Carpenter, John A., evaluation of 2 percent gold visor, 14195
- Carpets, Wilton, Brussels, etc., Tariff Commission report, 15388
- Carriers, interstate, water supplies, by States and Public Health Service regions, inventory, 15285  
*see also* Telegraph—Telephone.
- Cartographers, examination announcement, 14298
- Cartography, *see* Maps and charts.
- Caspian depression, southeastern margin, structure, USSR study, 14806
- Cataloging, cataloging handbook, H series, 14514
- Catalogs:  
Civil Rights Commission publications, 14294  
Federal Aviation Agency Academy, 14598  
films, 1966, Public Health Service, 15299  
Library of Congress, national union catalog, register of additional locations, 14986  
meteorological satellite data, television cloud photography—  
ESSA 1, 14580  
TIROS VIII, 14579  
stores stock catalog, hand tools, supplement, 14646
- Catalysis, surface activity, effect of discontinuities on laminar heat transfer, 15198
- Caterpillars, *see* names of caterpillars.
- Catfish, parasites, 14652
- Cathey, Henry M., growing flowering perennials, 14138
- Cattle, fed, 1962-64, marketed, number, 15383
- Cattle ranches, *see* Ranches.
- Caucasus, Greater, water resources of administrative regions, estimate, 14892
- CCC, *see* Commodity Credit Corporation.
- Census:  
business, 1963, area statistics, announcement and order form, 14248  
manufactures, 1963—  
area statistics, 14250-253  
special reports, 14254-260  
mineral industries, 1963, industry statistics, 14261-262
- Census Bureau, publications on governments, recurrent reports scheduled, 14281
- Central nervous system, *see* Nervous system.
- Central States:  
East North, manufacturing plants, location by county, industry, and employment size, 1963 census, 14256  
East South Central division, manufacturing plants, location by county, industry, and employment size, 1963 census, 14259  
north central region, rural farm population consumer expenditures and income, 14117  
West North Central Division, manufacturing plants, location by county, industry and employment size, 1963 census, 14257
- Centrifuges, zonal and ancillary systems development for tissue fractionation and analysis, 15289
- Certificates, *see* types of certificates or subjects involved.
- Cesium:  
determination by flame photometry, 15023  
multiple adsorbates, cesium with fluorine on molybdenum and tungsten, desorption kinetics, 15187
- Cetacea, toothed cetaceans (odontoceti), structure of population, USSR study, 14922
- Ceylon, investment guaranties, agreement, 15347
- Chalmette National Historical Park, general information, 15220
- Chambers, Harriet C., relief, 14338
- Chamizal Memorial Highway, construct border highway along U.S. bank of Rio Grande, report, 14390
- Chapman, Jane R., Oak Glen, training camp for unemployed youth, 14961
- Charleston, W. Va., area wage survey, metropolitan area, 14971
- Charts, *see* Maps and charts—*also* subjects.
- Check lists, *see* subjects.
- Chemical analysis, *see* names of substances analyzed.
- Chemicals:  
coal, mineral industry survey, advance data, 14998  
compounds, control of cabbage caterpillars, field evaluation, 14100  
Hungarian Chemical Society, 1966 general assembly, report, 14933
- Chemistry:  
chemistry of beryllides, USSR study, 14854  
Mendeleev Society 1965 prize winners, USSR, 14930
- Chemists, examination announcement, 14302
- Chen, Li Tsn (Nako):  
relief, 14361
- Chen, Ta Shen, stresses in rock disk subjected to peripheral thermal shock, 15024
- Cherries:  
firmness and its relationship to pitter loss, 14105  
production, use, value, 1964-65 by States, 15379
- Chicago, Ill., area wage survey, metropolitan area, 14970



# INDEX

- Chickenpox, health information, 15270
- Chickens:
  - broiler-fryers, homemakers' opinions and preferences, 14141
  - number raised, 1966, estimates, 15376
- Child welfare institutions, quest for equality, story of how 6 institutions opened their doors to serve Negro children, 14282
- Children:
  - mentally retarded, social security benefits, 15329
  - school health program, outline for school and community, 15302
  - sleep and electric sleep, USSR study, 14850
- Children's Bureau, publication, 14282
- Chilling injury of eggplant fruits, 14140
- Chilman, Catherine S., social, psychological, and economic aspects of alcoholism, 15428
- Chimeras, radiation, and transplant immunity, USSR study, 14920
- China:
  - Communist, military, political, and economic policy, present and immediate future, report, 14387
  - people's war, 20th anniversary of victory, commemoration, national policy, etc., 14690
  - political geography, Chinese study, 14808
- Chinitz, Benjamin, paper, Sept. 1, 1966, 14322
- Cholinesterase, metallic complexes role in reactivation of cholinesterase inhibited by organic phosphorus compounds, USSR study, 14943
- Chouman, Yusuf A., relief, 14356
- Chromatography:
  - chromatographic separation, radiochemical water analysis in reactor, USSR study, 14952
  - thin-layer, cleanup and confirmation of identity of pesticide residues, 14113
- Churchin, James, International Indian Ocean Expedition track charts, 15232
- Cigars, U.S. clear leaf tobacco, changed market, 14540
- Cincinnati, Ohio, automobile crankcase ventilation systems, performance, 15293
- Circuit Court of Appeals, uniform civil appellate rules, report, 14455
- Circuits, low power nanosecond pulse and logic circuits using tunnel diodes, 15163
- Circulars, *see* names of departments, etc., issuing leaflets.
- Cities and towns:
  - center of our society, the American city (remarks), 15261
  - city demonstration programs, report, 14388
  - community adjustment to reduced defense spending, 14207
  - community employment program, developments, 14568
  - demonstration cities program, general information, 14760
  - metropolitan areas, population, provisional estimates, 14274
  - transportation problems (remarks), 15316
- Citric acid, nonhazardous acid etches weld samples, 15108
- Citrus fruit, Florida cooperatives, pooling after 1962 freeze, 14142
- Civil Aeronautics Board:
  - economic regulations, 14284
  - safety investigation regulations, rules pertaining to aircraft accidents, etc., 14287
  - special regulations, 14288
  - U.S. air carriers, list, 14245
- Civil aviation, *see* Aeronautics.
- Civil defense, *see* Civilian defense.
- Civil Defense Office:
  - FG series, 11289
  - leaflets, 14290
  - technical memorandum, 14291
  - technical report, 14292
- Civil procedure, U.S. Courts of Appeals, uniform civil appellate rules, report, 14455
- Civil rights:
  - act of 1964—
    - interpretations issued, etc., by Equal Employment Opportunity Commission, digest, 14582
    - sex discrimination in employment, 15430
  - act of 1966, hearings, 14493
  - housing, education, etc., hearing before Civil Rights Commission, 14293
  - miscellaneous proposals, hearings, 14403
  - White House Conference, To Fulfill These Rights, report, 15429
- Civil Rights Commission:
  - hearing, 14293
  - publications catalog, 14294
- Civil service:
  - career opportunities, economists, 14304
  - examination announcements—
    - cartographer, 14298
    - chemist, mathematician, physicist, engineer, metallurgist, amendment, 14302
    - current, 14305
    - digital computer systems operator, 14300
    - economist, amendment, 14304
    - engineering and scientific technician, suspension notice, 14312
    - entomologist, 14307
  - Federal service entrance examination, 1967, 14310
  - geodesist, 14295
  - geophysicist, 14296
  - job opportunities, local and regional, 14311
  - mathematical statistician, amdt., 14303
  - meteorologist, 14299
  - pathologist, forest and forest products, 14307
  - savings and loan examiner, discontinuance notice, 14306
  - statistician and survey statistician, amdt., 14303
  - surveying aid, 14301
  - technical aids in science and engineering, amendment, 14297
- see also* Government officials and employees.
- Civil service pensions, survivors of reemployed annuitants, computing annuities, report, 14465
- Civil War, 1861-65, official records of Union and Confederate Armies guide-index, prospectus, 14313
- Civil works, *see* Public works.
- Civilian defense:
  - background, and current damage limiting studies (speech), 14292
  - fallout shelter analysts, national directory, 14289
  - FG series, 14289
  - professional development services to aid in providing fallout shelters, 14290
- Clarke, James W., bibliography of North American geology, 1962, 14748
- Class struggle, classes and class struggle in Turkey, USSR study, 14898
- Classification:
  - Government publications available to depository libraries, 15264
  - Soviet, universal classification table, some principal divisions, 14878
- Clergy, Soviet clergyman attacks U.S. action in Dominican Republic, 14904
- Climate, is it possible to influence, USSR study, 14797
- Clinical medicine (USSR periodical):
  - translations, 14827
- Closures, single service, for milk and milk products, fabrication, sanitation standards guide, 15278
- Clothing, young people's use and appraisal of natural and competing fibers in wearing apparel, 14144
- Cloud modification, *see* Weather control.

- Clouds:**  
 high-level mesovortex, characteristics, USSR study, 14875  
 numerical model for short-range forecasting of stratiform cloud cover, USSR study, 14795  
 television photography, meteorological satellite data, catalogue—  
 ESSA 1, 14580  
 Tiros VIII, 14579  
**Clover, see White clover.**  
**Clutches (machinery):**  
 diaphragm spring gives clutch over-center toggle effect, 15094  
**Coal:**  
 chemicals, mineral industry surveys, 1965 advance data, 14998  
 forms of sulfur in U.S. coals, 15010  
 Mongolia, industry, USSR study, 14865  
 reaction in argon and argon-hydrogen plasmas, 15030  
 resources of Beluga-Yentna region, Alaska, 14746  
 Webster County, W. Va., preparation characteristics, 15026  
**Coalition governments, anatomy of Communist takeovers, study, 14497**  
**Coast and Geodetic Survey, technical bulletin, 14314**  
**Coast Guard, oceanographic report, 14317**  
**Coastal Plain, see Atlantic States.**  
**Coastal warning facilities chart:**  
 Eastport, Me. to Montauk Point, N.Y., 15418  
 Montauk, Point, N.Y. to Manasquan, N.J., 15419  
**Coates, Edward M., Jr., stagnation and static pressures on nose-mounted 15° conical probe with various forebody configurations, 16155**  
**Cobalt, minerals yearbook chapter, 15001**  
**Code of Federal regulations, general provisions, 14636**  
*see also* or titles, chapters, etc., of the code printed separately, subject involved.  
**Cog'e, B. A., transfer of land title in Marengo County, Ala., 14365**  
**Cohan, S., XV-9A hot cycle research aircraft program, summary report, 14232**  
**Cohn, Edward A., ownership changes made by bakery and dairy products companies, 14539**  
**Coke:**  
 mineral industry survey, 1965 advance data, 14998  
 producers in U.S., 15002  
**Colabuca, Mario A., heat-rejection characteristics of space radiator panels utilizing shared fins, 15189**  
**Cold (weather):**  
 nutritional requirements for survival in cold and at altitude, symposia, proceedings, 14185  
**Cold Regions Research and Engineering Laboratory:**  
 research report, 14210  
 special report, 14211  
 technical report, 14212  
**Coleman, James S., equality of educational opportunity, 15551**  
**Coleman, Ralph E., infrared spectroscopy studies of xanthatagelena system, 15021**  
**Coles, Willard D., superconducting magnetic bottle for plasma physics experiments, 15186**  
**Colleges and universities:**  
 facilities, construction and rehabilitation on campuses, 14556  
 rights granted to institutions of higher learning suggested expansions, USSR study, 14924  
 sea grant colleges and program act, hearing, 14431  
 selective service, college qualification test, bulletin of information, 15322  
**Collins, LeRoy, address, Sept. 1, 1966, 14319**  
**Collins, Vincent P., physiological observations on race car drivers, 15068**  
**Colombia:**  
 patent, trademark, industrial design and copyright protection, 14326  
 trade in cotton textiles, agreement, 15367  
**Colorado:**  
 manufacturing plants, location by county, industry, and employment size, 1963 census, 14260  
 nonpegmatitic beryllium occurrences, 15029  
**Colorado River Basin project, construct, etc., report, 14392**  
**Columbium, see Niobium.**  
**Combat vehicles, see Motor vehicles.**  
**Combustion, physics of, USSR research, 14958**  
**Combustion gases, see Gases.**  
**Combustors, ethanol-jet atomization with oscillatory combustion-gas flow, 15147**  
**Commerce:**  
 domestic and foreign, promote by modernizing practices relating to inspection of persons, merchandise, etc., report, 14460  
 economic impact of U.S. ocean ports, 14988  
 expanded commercial trade in developing countries (address), 14125  
 foreign trade and markets, publications available, directory, 14625  
 foreign trade, United States 1958-65, 14324  
 United States trade with Communist areas in eastern Europe and Asia, 14327  
*see also* names or classes of articles of commerce.  
**Commerce Committee, Senate:**  
 committee print, 14479  
 hearings, 14478  
 history, membership, and jurisdiction, 150th anniversary, 14448  
 reports, 14456-457, 14459-460, 14463-464, 14466  
**Commercial banks, see Banks and banking.**  
**Commercial fisheries, see Fish and fisheries.**  
**Commercial Fisheries Bureau:**  
 Biological Laboratory, Gulf Breeze, report, 14651  
 fishery motion pictures, 14655  
**Commercial growing of sweet corn, 14135**  
**Commercial policy, private boycotts of Communist countries vs national interest, 15338**  
**Commercial policy series, 15338**  
**Commissarymen, 3 & 2, Navy training course, 15242**  
**Commission on Revision of Federal Criminal Laws, establish, hearings, 14420**  
**Commissions, see names of commissions.**  
**Commodities, see Agricultural products.**  
**Commodity Credit Corporation, financial statements, 1965, GAO examination, 14381**  
**Communications:**  
 satellites, historical background, etc., 15078  
 Soviet research with dolphins, 14957  
 vital to cooperatives, 14592  
*see also* Wire communication.  
**Communism:**  
 anatomy of Communist takeovers, study, 14497  
 Eastern Europe, science and Communist society, USSR study, 14929  
 Marxism-Leninism, developed through struggle against left-wing and right-wing opportunism, North Korean study, 14820  
 private boycotts vs national interest, 15338  
**Communist China, see China.**  
**Communist Party of Soviet Union, activities of Maksim Litvinov as ISKRA agent, 14837**  
**Communist Party of Sweden, former chairman publishes book, 14903**

# INDEX

- Communities, *see* Cities and towns.
- Community development programs:  
development district act of 1966, rural America, planning of public services, etc., hearings, 14403  
social welfare's place in process of development—  
French edition, 15426  
Spanish edition, 15425  
we can help clear the air, Jaycee community action program, 15311
- Community health, *see* Health.
- Community surveys, odor surveys and evaluation (paper), 15274
- Companies, filing annual reports with SEC, directory, 15321
- Composite materials:  
filamentary, mechanics, errata, 15037  
gaskets, compatible with liquid oxygen, etc., 15125  
glass-resin, initiation of failure mechanisms, 15039  
micromechanics, stresses and failure mechanics induced by inclusions, 15073  
non-glassy inorganic fibers and composites, 15086  
tungsten-fiber-reinforced copper, electrical resistivity and conductivity, 15183
- Composites:  
cylindrical, precision winding with shaped glass filaments, 15038  
low density, high strength high modulus, study, 15041
- Compounds, *see* names or classes of compounds, or purpose for which used.
- Computers, *see* Denalt performance computers—Electronic computers—Perception.
- Conceptual design study for Mars entry vehicle damper, 15042
- Conductors (electric), *see* Electric conductors.
- Cones and half-cone-pyramid configurations, static stability characteristics, 15162
- Conference committees, reports, 14394-395, 14399-402
- Conference on Selected Technology for Petroleum, Purposes, Lewis Research Center, general information, 15085
- Conferences, congresses, etc., *see* names of conferences, etc.—also subject of conference.
- Configurations:  
cone and half-cone-pyramid, static stability characteristics, 15162  
forebody, of nose-mounted 15° conical probe, stagnation and static pressures, 15155
- Congo (Leopoldville):  
educational developments, 14550
- Congress, Joint Committee on Organization of, hearings, 14368
- Congress of United States:  
code of Federal regulations, 14636  
congressional record, 89th Cong., 1st sess., bound volumes, 14330-331  
joint activities, appropriations, 1967, legislative, report, 14395  
major legislative actions, 89th Congress, 14378  
organization, hearings, index, 14368
- Congressional record, *see* Congress of United States.
- Congressional serial set, 14332-333
- Connecticut, census of manufactures, 1963, manufacturing plants, location by county, industry, and employment size, 14254
- Connectors (electric):  
junction connectors for strategic placement of television cameras, 15121
- Connor, John T.:  
addresses:  
June 16, 1966, 14328  
June 22, 1966, 14320
- Conscription, selective service college qualification test, bulletin of information, 15322
- Conservation, *see* Natural resources—also subjects.
- Construction, *see* Building—Installations (military).
- Construction industry, construction reports, 14263
- Consumer and Marketing Service, C&MS series, 14507-511
- Consumer income, *see* Income.
- Consumers:  
buying indicators, series, 14278  
expenditures and income, 1961, rural farm population—  
north central region, 14117  
southern region, 14118  
Negro, in the West, 14983  
USDA consumer expenditure survey reports, 14117-118
- Contacts (electric), *see* Electric contacts.
- Contagion and contagious diseases, treatment and prophylaxis of infectious diseases with immune gamma globulins, USSR study, 14822
- Containers:  
CHIENIS container for lowering liquid dye to any sea depths, USSR study, 14799  
single service, for milk and milk products, fabrication, sanitation standards guide, 15278
- Contraception, *see* Birth control.
- Contractor report NASA CR (series), 15037-77
- Contractors, *see* Government contracts.
- Contracts, franchising agreements, effect on small business, hearings, 14495  
*see also* Government contracts.
- Control (vehicle), *see* Satellites.
- Control systems:  
attitude control of space-vehicle upper-stage, use of rotating-solid-rocket control system, errata, 15132  
automatic regulation and control, USSR studies, 15203  
cybernetics and control theory, USSR study, 14853  
human transfer functions used to predict system performance parameters, 15109  
in-flight synthesis, data requirements, and multiple blender studies, 15055  
phase-locked-loop control for driving ultrasonic transducers, 15174  
uncoupled and coupled manual systems, human tracking performance, 15045  
variable-structure automatic, with low sensitivity to rapid, broad changes in parameters of object of control, USSR study, 14913  
*see also* Feedback control systems.
- Controllers, *see* Interpolation path controllers.
- Converters (electric), *see* Electric current converters.
- Cookery, *see* Recipes.
- Cooling, *see* names of commodities.
- Cooperative Month, observance, 14593
- Cooperatives:  
bargaining, look to future, 14595  
basic features, 14590  
communications vital to cooperatives, 14592  
supply cooperatives, general information, 14589  
*see also* Farmers cooperative organizations.



- Coot, hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations governing, 14673
- Copper:  
boron-deoxidized, withstands brazing temperatures, 15092  
electrical resistivity and conductivity of tungsten-fiber-reinforced copper composites, 15183
- Copyright, Colombia, protection, laws, etc., 14326
- Coriolls stimulation, motion sickness, speed of recovery in relation to pilots and non-pilots, 14194
- Corkern, Ray, crambe abyssinica, 1945-65, bibliography, 14543
- Corn:  
shelled, 4 inert dusts for protection in Georgia from insect attack, evaluation, 14109  
shelled, protection against insects, progress report, evaluation in Illinois, 14108  
sweet, commercial growing, 14135  
value of mature corn for silage, 14107
- Corn Belt, commercial farms, 1965, costs and returns, 14533
- Correlation (statistics):  
heat-transfer coefficient and friction factor data for dilute gas-solid suspensions, 15192
- Correspondence schools and courses, USAFI offerings by colleges, etc., DoD pamphlet, 14203
- Corrosives, diaphragm valve for flow control has unique features, 15096
- Cortez district, Nev., gold geochemical anomaly, 14751
- Cosmonautics, *see* Astronautics.
- Cost:  
farm costs and returns, 1965, 14530-533  
commercial Corn Belt farms, 14533  
commercial egg-producing farms, New Jersey, 14532  
commercial tobacco-livestock farms, Bluegrass area, Ky., 14531  
commercial wheat farms, Pacific Northwest, Northern and Southern Plains, 14530  
reduction program, Defense Dept., examination, 14408A  
western livestock ranches, 14529  
*see also* names of commodities, e.g. Tobacco—*also* subjects.
- Cost and standard of living, improving rural living conditions through new economic opportunities (address), 14127
- Costa Rica, military mission, agreement, 15351
- Costumers, wearing apparel, wood, general office, Federal standard, 14644
- Cote, William A., performance of positive crankcase ventilation systems on automobiles in Cincinnati, Ohio, 15293
- Cotton:  
boll weevil control in field experiment with machine designed to destroy shed cotton squares, 14106  
regional cotton mechanization research projects S-2 and W-24, references, list, 14104
- Textiles—  
industry wage survey, 14979  
trade agreement with—  
Colombia, 15367  
Greece, 15356  
Poland, 15371
- USSR production, report of U.S. technical study group, addendum, 14159
- Count your benefits, 15414
- Counters, *see* Semiconductor counters.
- Counties:  
county business patterns, bound volumes, 1964—  
announcement and order form, 14268  
Pennsylvania-Wyoming, 14267
- Counties—Continued  
county business patterns, CBP series, 14264-267  
sources of milk for Federal order markets, 14511
- Courts of Appeals, *see* Circuit Courts of Appeals.
- Crafts, Edward C., remarks, Sept. 6, 1966, 15254
- Crambe abyssinica, 1945-65, bibliography, 14543
- Cranberries, indicated production, 1966, 15377
- Cranes (birds):  
hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations governing, 14673
- Craters, Project Pre-Schooner II, subsurface effects measurements, 14237
- Creatinuria, postirradiation, in *Macaca mulatta* primates, 14190
- Credit:  
master or servant, Defense Dept. pamphlet, 14206  
monetary policy and allocation of commercial bank credit (remarks), 14637  
mortgage, for residential construction, stimulate flow, hearing, 14474  
recent credit and monetary developments, 14638  
*see also* Retail credit.
- Creel, Theodore R., Jr., longitudinal aerodynamic characteristics of tension shell entry configuration, 15159
- Creighton, C. S., field evaluation of chemical compounds for control of cabbage caterpillars, 14100
- Creveling, Cyrus J., comparison of performance of PCM and PFM telemetry systems, 15142
- Crews, *see* Flight crews.
- Crime and criminals:  
criminological distinction of similar handwritings by computers, USSR study, 14864  
persons under supervision of Federal probation system, 14098
- Crime in District of Columbia, President's Commission on, *see* President's Commission on Crime in District of Columbia.
- Criminology, *see* Crimes and criminals.
- Critical mass, zero power reactor, ZPR-II, studies, 15167
- Crop lands, *see* Land.
- Crops:  
Federal reclamation projects, 1965 crop report, statistical appendix, 15317  
report, 1866-1966, development and progress, 15378  
*see also* names of crops.
- CRREL, *see* Cold Regions Research and Engineering Laboratory.
- Cruises, operators, require to file evidence of financial security, etc., report, 14466
- Crushed stone, *see* Stone.
- Cryogenics, high pressure liquid flow sight assembly for easy observation, 15124
- Cryopumping, solid nitrogen formed, 15058
- Crystals:  
aluminum oxide, single crystal and polycrystalline, in contact in vacuum, friction characteristics, 15190  
hexagonal structures, provide improved friction and wear characteristics in bearing alloys, 15103
- Cuba, hydrometeorology, USSR study, 14872
- Cubans:  
refugee problem, hearings, 14494  
status, adjustment, hearings, 14430
- Culture, cultural affairs and foreign relations, Air Force Academy assembly, final report, 14165
- Curandero de la tribu Shoshone, Thermopolis, Estado de Wyoming, 15409
- Current retail trade reports, 14279

# INDEX

Curriculum, foreign specialists, overseas projects in education, 14553

## Cybernetics:

- and automation, USSR studies, 14810
- and society, 14908
- application in industry, USSR study, 14802
- cybernetics and control theory, USSR study, 14853
- interview with Lenin prize winner, Viktor Glushkov, USSR, 14857
- technical, large systems, theory, USSR studies, 14815
- technical, USSR translation, 14862
- viewpoint, evolutionary role of division into 2 sexes, USSR study, 14846

## Cylinders:

- boundary conditions influence on buckling load of cylindrical shells under axial compression, 15061
- heterogeneous arrays of cylindrical voids, critical mass studies with NASA zero power reactor II, 15167
- imperfect, buckling under axial compression, 15051
- ogive—
  - drags due to 2-dimensional fabrication-type surface roughness, 15151
  - pressure distributions due to 2-dimensional fabrication-type surface roughness, 15148
  - precision winding of cylindrical composites with shaped glass filaments, 15038
  - shells, axisymmetric response to time dependent loading, 15009
- Cyprus, agricultural economy in brief, 1544
- Czarnecki, K. R.:
  - pressure drags due to 2-dimensional fabrication-type surface roughness on ogive cylinder, 15151
  - pressure distribution due to 2-dimensional fabrication-type surface roughness on ogive cylinder at transonic speeds, 15148

## D

- D.S.A., *see* Defense Supply Agency.
- Dal, Yin-ben, designs for rubble-mound breakwaters, Dana Point Harbor, Calif., 14575
- Dairy products, dairy products companies, 1959-64, ownership changes made, 14539
- Dalrymple, Dana G., directory of publications available on foreign trade and markets, 14625
- Damage control, impact- and puncture-resistant material protects parts from damage, 15105
- Dampers, conceptual design for Mars entry vehicle, 15042
- Dana Point Harbor, Calif., designs for rubble-mound breakwaters hydraulic model investigation, 14575
- Dangerous articles, *see* Hazardous substances.
- Darling, Robert C., cable length determinations for deep-sea oceanographic operations, 14314
- Data, *see* subjects.
- Datos informativos sobre Estados Unidos, 15403
- Davis, Charles T., jr., relief, 14334
- Davis, Sallie M., relief, 14334
- Dawson, David H., performance of 7 seed sources of blue spruce in central North Dakota, 14704
- Dawson, John A., hydromagnetic wave propagation near 1 c/s in upper atmosphere and properties and interpretation of Pc 1 micropulsations, 15211
- DDT, evaluation of p.p'-DDT as reference toxicant in bioassays, 14674
- Dealers, securities, relationships under banking act of 1933, regulation, 14642

- DeBald, Paul S., Kentucky forests, Western Coalfield Unit, 14720
- Deceleration, airline crash, head and face injury potential of seats, 14243
- Deciduous fruits, *see* Fruit.
- Decoding, time, error detection and correction approach, 15145
- Decontamination, aircraft, practice guide, 14684
- Deductions, *see* Income tax.
- Defense, *see* Civilian defense—National defense.
- Defense Department:
  - cataloging handbook H series, 14514
  - contractor performance evaluation (development and production), guide, 14518
  - cost reduction program, examination, 14408A
  - Granite City Defense Depot, employees relief, 14362
  - handbook DSAH series, 14516
  - interservice action needed when management policies and practices differ for similar items, GAO report, 14726
  - manufacturers part and drawing numbering systems, 14514
  - overseas household goods shipments, charges for diversion, GAO review, 14734
  - specifications and standards, index, 14519
  - standardization documents, supply classification listing, 14517
  - surplus personal property classes sold, 14515
- Defense Documentation Center, descriptors thesaurus, 14524
- Defense scrap yard handbook, 14516
- Defense Supply Agency:
  - handbook DSAH series, 14516
  - MILSTRIP, military standard requisitioning and issue procedures, manual change, 14520
- Deformations (mechanics), *see* Plasticity.
- Degrees (colleges, universities, etc.):
  - Hungary, new doctors and candidates, list, 14836
- Dehydration, *see* names of commodities.
- Delaware, census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258
- Delta wings, *see* Wings (aircraft)
- Demmerle, A. M., error detection and correction approach to time decoding problem, 15145
- Demonstration cities program, why it is needed, etc., 14760
- Denalt performance computers:
  - for use with—
    - fixed pitch propeller airplanes, 14681
    - variable pitch propeller airplanes, 14682
- Density, human body, measured by water displacement of adult male, 14235
- Dental administration, Navy manual, 15245
- Dental laboratories, technicians, apprenticeship and training policy, 14200
- Dental materials, *see* Dental supplies.
- Dental supplies, adhesive restorative materials, workshop proceedings, 15269
- Dental technicians, laboratory, apprenticeship and training policy, 14200
- Dentistry:
  - aerodontalgia under hyperbaric conditions, 14995
  - dental administration, Navy manual, change, 15245
  - group practice facilities, financial assistance for constructing and equipping, report, 14388
- Department stores, *see* Stores.
- Desalting of sea water, *see* Sea water.
- Descriptors, *see* Subject headings.
- Design procedure for weight optimization of straight finned radiators, 15143
- Designs (architectural), *see* Architecture.

## Designs (Industrial):

- Colombia, protection, laws, etc., 14326
- equations of swept frequency spectrum analyzers, 15196
- orbiting radiotelescope, large, preliminary studies, 15070
- seismic design for buildings, Army technical manual, 14223
- Desorption, kinetics of multiple adsorbates, cesium with fluorine on molybdenum and tungsten, 15187
- Detectors, solid state, monitor relay contacts, 15128
- Detonations, initiation in alkane-oxygen mixtures, 15031
- Detroit, Mich., vision and hearing screening in selected classes for mentally retarded, 14283
- Deurbrouck, A. W., preparation characteristics of coal from Webster County, W. Va., 15026
- Devices, pneumatic separator gives quick release to heavy loads, 15093
- Dextran, treatment of edematous states, USSR study, 14906
- DeYoung, Alan, relief, 14359
- Diabetes, conference on methodological approaches to population studies, proceedings, 15294
- Diamond Creek, Gila trout, ecology, 14679
- Diaphragms:
  - diffusion technique, electrolytes, principles and practices, 14771
  - spring gives clutch over-center toggle effect, 15004
  - valve for corrosive and high temperature fluid flow control, 15096
- Diatomite, minerals yearbook chapter, 15003
- Diesel fuel, *see* Fuel oil.
- Differential equations, *see* Equations.
- Diffraction, X-ray, powder patterns, 15206
- Diffusion:
  - electrolytes, diaphragm techniques, principles and practices, 14771
  - properties of duplex refractory metal thermionic emitters, 15044
- Digital computer systems operator, examination announcement, amdt., 14300
- Digital computers, *see* Electronic computers.
- Diluzio, Frank C., nomination, hearing, 14487
- Dimension stone, *see* Stone.
- Dining facilities for enlisted personnel, 14225
- Diodes, tunnel, low power nanosecond and logic circuits using, 15168
- Direction, U.S.A., 15404
- Directories:
  - foreign trade and markets, publications available, 14625
  - qualified fallout shelter analysts, 14280
- Securities and Exchange Commission, companies filing annual reports, 15321
- telephone, State Department, International Development Agency, Arms Control and Disarmament Agency, 15344
- urban planning assistance program, projects, 14761
- Disabled, disability separation, facts for your future, 14205
- Disarmament, arms control and disarmament studies in progress or recently completed, 15336
- Disasters, major, additional assistance to areas suffering, hearings, 14437
- Disbursements, House of Representatives, detailed statement, 14426
- Discharges (electric), *see* Electric discharges.
- Discrimination, *see* Race problems.
- Discrimination in employment, sex discrimination, laws on, 15480
- Discriminatory shipping practices of foreign nations, 14479
- Diseases, *see* Diseases of animals—also names or classes of diseases.

- Diseases of animals, animal morbidity report, calendar year 1965, 14099
- see also* names of diseases, or animals affected.
- Diseases of fish, fish disease leaflet FDL—(series), 14652
- Distillation, solar, utilizing multiple-effect humidification, 14770
- Distribution (economics):
  - problems affecting small business, hearings, 14495
- District of Columbia:
  - bail agency, establish, report, 14454
  - census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258
  - income tax, withholding regulations for Federal agencies, rescissions, 15396
  - Police Department, report of President's Commission on Crime in D.C., 15262
  - stadium construction, change orders and other matters, GAO review, 14733
  - trust funds, legal investments, list, 14525
  - United Planning Organization, antipoverty programs, investigation, hearing, 14415
- District of Columbia Armory Board, change orders and other matters, construction of stadium, GAO review, 14733
- District of Columbia Committee, Senate, report, 14454
- Diuron, effect on seed yields of perennial grasses, 14163
- Dividends, *see* Stocks.
- Doctors' degrees, *see* Degrees (colleges, universities, etc.).
- Documents, *see* Government publications—Records.
- Documents Office, *see* Public Documents Division.
- DOD pamphlets, 14203-205
- Doherty, Ellen M., education in Spain, 14549
- Dollar drain, *see* Balance of payments.
- Dollars, standard silver, held by Treasury, sale to American Cancer Society and American Heart Association, hearings, 14414
- Dolphins, Soviet communications research, 14957
- Domestic Gold Production, Select Committee on, Senate, create, hearing, 14486
- Dominican Republic, Soviet clergyman attacks U.S. action in, 14904
- Donaldson, Erle C., two- and 3-phase relative permeability studies, 15027
- Donnelly, Charles H.:
  - national security management review, 14786
  - United States defense policies in 1965, 14780
- Dot patterns provide reproducible flaw areas for study of adhesive bonds, 15098
- Doud, Bobbie, publications of Office of Education, 14562
- Doves, *see* Mourning doves.
- Dowd, Patrick J., speed of recovery from coriols stimulation in motion sickness in relation to pilots and nonpilots, 14194
- Drag (aerodynamics):
  - pressure drag due to 2-dimensional fabrication-type surface roughness, 15151
- Drainage, sedimentation in small drainage basins (series), 14754
- Drawings, manufacturers part and drawing numbering systems, Defense Dept., 14514
- Dreams, during normal sleep and hypnosis, USSR study, 14849
- Drivers, *see* Race car drivers.
- Drooz, A. T., obtaining individual eggs from egg-mass-depositing insect, 14709
- Drowning, *see* Near-drowning.
- Drugs, safety, hearings, 14423
- see also* Narcotics—also names of drugs.
- Dry cleaning, military fixed drycleaning plant, Army technical manual, 14229
- Drying, trays, malathion-treated to protect raisins from insects, 14111
- DSA, *see* Defense Supply Agency.



# INDEX

Dunmire, Daniel E., effect of initial moisture content on performance of hardwood pallets, 14714  
 Dunn, M. G., nonequilibrium ionization phenomenon in inviscid Apollo plasma sheath, 15077  
 Dunning, Robert S., determination of orbit of spacecraft with respect to object in known circular orbit, 15150  
 Dust:  
   inert, evaluation as protectant against insect attack on—  
     shelled corn in Georgia, 14109  
     stored shell corn in Illinois, 14108  
     stored wheat in Kansas, 14110  
 Dyes, liquid, CHENIS container for lowering to any sea depths, USSR study, 14799  
 Dynamics:  
   capillaries and existence of plasma flow in pericapillary lymph space, 15146  
   model investigation of landings and slide-outs of recoverable booster, 15141  
 Dysentery, *see* Amebiasis.

## E

E.R.S., *see* Economic Research Service.  
 Eagles, American (golden and bald), and their economic status, 14650  
 Eakins, William J., initiation of failure mechanisms in glass-resin composites, 15039  
 Ear, *see* Vestibular apparatus.  
 Early, Larry J., development of small animal payload and integration with sounding rocket, 15081  
 Earnings, *see* Wages.  
 Earth:  
   crust and upper mantle in eastern regions of USSR, coordinating conference, 14803  
   crustal structure, in transition zone from Siberian platform to Taymyr downwarp, experience in using industrial explosions, USSR study, 14804  
   fourth order gravity field, drift of inclined-orbit 24-hour satellite, 15136  
   gravity potential and force field through 4th order, 15137  
   secrets of earth's interior, USSR study, 14807  
 Earth mantle, *see* Earth.  
 Earthquakes, prediction, ESSA symposium, 14577  
 East (Far East):  
   agricultural situation, midyear review, 14546  
   Far Eastern series, 15340  
 East (Near East):  
   western oil interests in Near East, USSR view, 14926  
 East African Common Services Organization, agricultural commodities, agreement, 15357  
 East North Central States, *see* Central States.  
 East South Central States, *see* Central States.  
 Eastern Europe, *see* Europe.  
 Eastport, Maine, to Moutauk Point, N.Y., coastal warning facilities chart, 15418  
 Echo satellites, *see* Satellites.  
 Ecology, Gila trout, 14679  
 Economic conditions:  
   parity of income and opportunity for rural America (address), 14128  
   perspective and prospects of economy (remarks), 14321  
   *see also* Negroes—also names of countries, States, etc.  
 Economic cooperation, *see* Foreign aid.  
 Economic development, *see* Economic policy.  
 Economic impact of U.S. ocean ports, 14988

Economic Joint Committee:  
   committee prints, 14370-372, 14374, 14377  
   hearings, 14369, 14373, 14375  
   supplement, 14376  
   publications, supplement, 14374  
 Economic Opportunity Office, deputy director, nomination of Bertrand M. Harding, hearing, 14500  
 Economic order quantity, principle and applications, 14740  
 Economic policy:  
   community development district act of 1966, rural public services, etc., hearings, 14403  
   economic opportunity act, amendments, hearings, 14498  
   international economic cooperation, appeal for renewal, 20 years after, 14377  
   maintenance of stability in economy (address), 14320  
   marketing and regional development (paper), 14322  
   President's program for national economic responsibility (remarks), 15399  
   rebuilding economic foundations of long-term unemployment and low family income communities, Federal-State coordination (remarks), 14328  
   Socialist countries, levels of economic development, USSR study, 14811  
   USSR, expansion of scientific research for economic development, 14897  
 Economic regulations, Civil Aeronautics Board, 14284  
 Economic Research Service:  
   ERS-foreign series, 14544-546  
   ERS series, 14534-543  
 Economic stabilization, *see* Stabilization.  
 Economics:  
   alcoholism, economic aspects, 15428  
   marketing research publications, reference list, 14534  
   USSR, economic-mathematical methods applied to economy, 14855  
 Economies in National Government, Defense Dept. cost reduction program, examination, 14408A  
 Economists:  
   examination announcement, amendment, 14304  
   Federal Government careers, 14304  
 Edema, administration of polyglucin (dextran) in treatment of edematous states, USSR study, 14906  
 Edinger, L. D., data requirements for in-flight synthesis and multiple blender studies, 15053  
 Education:  
   Congo (Leopoldville), developments, 14550  
   equality of educational opportunity, report of survey, 14551  
   correlation tables, 14552  
   exchange scholars, 14691  
   overseas projects, foreign curriculum specialists, 14553  
   public, progress in United States, 1965-66, report—  
     French edition, 14559  
     Russian edition, 14561  
     Spanish edition, 14560  
   safety education series, 14681-682  
   Spain, data, 14549  
   teachers, exchange opportunities, 14558  
   technology, educational, hearings, 14375  
   USSR, changing guideposts, 14372  
   *see also* Elementary education—Vocational education.  
 Education and Labor Committee, House, hearings, 14415-417  
 Education Office:  
   bulletin 1966 (series), 14550  
   publications, 14562  
   records handbook, standard filing system, 14557

- Education, White House Conference on, *see* White House Conference on Education.
- Edwards, Frederick G., use of reaction wheels and nonlinear control for satellite scanning small celestial area, 15184
- Eggplant, chilling injury of fruits, 14140
- Eggs:
- balsam woolly aphid eggs, collection techniques, 14710
  - commercial egg-producing farms, New Jersey, 1965, costs and returns, 14532
  - individual from egg-mass-depositing insects, 14709
- Eigenfunctions, eigenvalue problem for beams and rectangular plates with linearly varying in-plane and axial load, 15056
- Eigenvalues, *see* Eigenfunctions.
- Elections, where votes are, profile of mid-1960's, rel. to voting habits of future, 14451
- Electric conductivity, tungsten-fiber-reinforced copper composites, 15183
- Electric conductors, perfect rectangular conductor, magnetic field outside, 15177
- Electric contacts, solid state detectors monitor relay contacts, 15126
- Electric current converters, dc to dc converter eliminates large stray magnetic fields, 15106
- Electric discharges, electrical discharge machining of high-strength metals and alloys, USSR studies, 14832
- Electric lines, precision, coaxial, air-dielectric transmission lines, electrical parameters, errata, 15207
- Electric machinery, *see* Machinery.
- Electric power, *see* Electricity.
- Electric propulsion, *see* Propulsion.
- Electric resistance, tungsten-fiber-reinforced copper composites, 15183
- Electrical, *see* headings beginning Electric.
- Electricians, construction, 1 & C, Navy training program, 15243
- Electricity:
- electric power systems by means of computers, investigation of transient conditions, USSR study, 14840
  - rural, materials acceptable on systems of REA borrowers, list, 15319
- Electroacoustics, USSR all-Union scientific session devoted to radio day, 14937
- Electroluminescence, *see* Luminescence.
- Electrolytes:
- diffusion, diaphragm technique, principles and practices, 14771
  - electrorefining hafnium, 15022
- Electromagnetic current meter, current measurements with EMIT in Gulf Stream region, USSR study, 14800
- Electromagnetic fields, influence on central nervous system, USSR study, 14823
- Electron bombardment, thruster, 5-centimeter-diameter, with permanent magnets, 15199
- Electronarcosis, sleep and electric sleep in children, USSR study, 14850
- Electronic computers:
- computer and invasion of privacy by Government agencies, hearings, 14422
  - digital—
    - higher order interpolation path controller, 15182
    - root locus diagrams, 15059
  - general-purpose computer developed in Rumania, 14912
  - hydrometeorological observations for processing, preparation of results, USSR study, 14869
  - investigation of transient conditions of electric-power systems, USSR study, 14840
  - machine search algorithm for derivation in propositional calculus, USSR study, 14856
- Electronic computers—Continued
- MN-7 and EMU, operation experience, USSR study, 14851
  - system monitors discrete computer inputs, 15119
- Electronic data processing systems, Fortran program, two-dimensional discrete angular segmentation transport, 15178
- Electronic technicians, class C, TACAN systems course, trainee's guide, 15249
- Electronics:
- fundamentals, transparencies, cross reference index, 15244
  - method of measuring hematocrits of fish, evaluation, 14674
  - treatment of materials, USSR study, 14918
  - USSR all-Union scientific session devoted to radio day, 14831, 14838
- Electrons, emission properties of duplex refractory metal thermionic emitters, 15044
- Electrophysiology, *see* Physiology.
- Electroplating, hollow spherical rotors fabricated, 15097
- Electrorefining, *see* Smelting.
- Elementary education:
- act of 1965, instructions for title 1, 1967 application forms, 14554
  - conservation in elementary schools, outline, 14147
  - elementary and secondary education act, amendments of 1966, hearings, 14416
  - impact aid to strengthen and improve programs of assistance, hearings, 14417
- Elias, Z. M., dual formulation of thin shell theory, 15067
- Ellipticity, series of related bodies with cross-sectional ellipticity, supersonic aerodynamic characteristics, 15157
- Elm spanworms, *see* Spanworms.
- El Paso, Tex., Chamizal boundary, border highway, report, 14390
- Elson, Jo Ann, abstracts of personnel research reports, 14183
- Emission, *see* Thermionic emission.
- EMIT (electromagnitny izmeritel'techny), *see* Electromagnetic current meter.
- Employee benefit plans, welfare and pension plans disclosure act, regulations and interpretative bulletins, 14963
- Employees:
- air transportation industry, 1947-64 indexes of output, 14969
  - earnings and hours in retail trade, June 1965, summary release, 14984
  - nursing and personal care homes, 1964 statistics, 15310
- Employment:
- act of 1946, 20th anniversary, symposium, hearing, supplement, 14376
  - community program, developments, 14568
  - current market for engineers, scientists, and technicians, 14567
  - Far West, growth patterns by county, 1940-50 and 1950-60, 14247
  - self-employed retirement deduction for taxable year 1964, Treasury Dept. report, 14445
  - see also* Handicapped—Women.
- Employment taxes, IRS looseleaf system, 14777
- Encoders, pneumatic binary, replaces multiple solenoid system, 15104
- Energy, *see* Atomic energy—Radiant energy.
- Engel, Arnold, rheumatoid arthritis in adults, 15308
- Engineering:
- architectural-engineering documents for health research facilities construction grants, guidelines, 15267
  - highway engineering productivity, conference proceedings, 15314
  - technical aids, examination announcement, amendment, 14297
  - see also* Environmental engineering—Marine engineering—Radio engineering.

# INDEX

- Engineers :  
current employment market, 14567  
examination announcement, 14302
- Engineers Corps, Army :  
report, 1965, civil works activities—  
departmental edition, 14570  
document edition, 14379
- Engines (aircraft) :  
airworthiness standards, Federal aviation  
regulations, change, 14599  
modifications, for F-100 aircraft, manage-  
ment of selected time compliance tech-  
nical orders, Air Force Dept., GAO re-  
port, 14725  
*see also* Rockets.
- England, *see* Great Britain.
- Engraver beetles, *see* Beetles.
- Enlisted personnel, *see* Army.
- Entomologists, examination announcement,  
14307
- Entry into atmosphere, *see* Atmospheric  
entry.
- Environment :  
health series—  
food protection, 15276  
radiological health, 15277  
reduced-pressure, vibrational characteris-  
tics of sandwich panels, 15163  
space, portable lightweight cell provides  
controlled environment, 15100
- Environmental engineering, selected publica-  
tions, bibliography, 15272
- Environmental Science Services Administra-  
tion :  
ESSA symposium on earthquake predic-  
tion, 14577  
ESSA world, official employee publication,  
14578
- Equal Employment Opportunity Commis-  
sion, legal interpretations issued or  
adopted by, digest, 14582
- Equality of educational opportunity, 14551-  
552
- Equations :  
differential, perturbed periodic systems,  
study, stroboscopic method, 15074  
transport, Fortran 2-dimensional discrete  
angular segmentation program, 15178
- Equations of motion :  
beams and rectangular plates with linearly  
varying in-plane and axial load, eigen-  
value problem, 15056  
drift of inclined-orbit 24-hour satellite in  
earth gravity field through 4th order,  
15136  
flutter of multiple-streamwise bay rectan-  
gular panels at low supersonic Mach  
number, analysis, 15050
- Equipment operators, 1 & C, Navy training  
course, 15246
- Erickson, R. I., gold geochemical anomaly in  
Cortez district, Nev., 14751
- Erie, Lake, small craft, gale and whole gale  
warning facilities chart, 15423
- Erosion, *see* Soil erosion.
- Erosion control, *see* Soil erosion.
- Errors, rate reduction of parity checked  
telemetry data by likelihood deletion  
strategy, 15181
- ERS, *see* Economic Research Service.
- ERS-foreign series, 14544-546
- ERS series, 14534-543
- ESEA (Elementary and secondary education  
act), *see* Elementary education—Second-  
ary education.
- ESSA, *see* Environmental Science Services  
Administration.
- ESSA 1 (meteorological satellite), *see* Satel-  
lites.
- Estuaries :  
Potomac River, water quality, 14749  
preserve, develop, etc., for sport, recrea-  
tion, etc., hearings, 14432
- Etching, nonhazardous acid etches weld sam-  
ples, 15108
- Ethanol, *see* Alcohol.
- Europe :  
agricultural situation, midyear review,  
14545
- Eastern—  
science and Communist society, USSR  
study, 14929  
United States trade, 1963-65, Commu-  
nist areas, 14327
- Socialist countries, scientific conferences  
and events, 14860
- weather records, 1951-60, 14581
- Evolution, division into 2 sexes, cybernetics  
viewpoint, USSR study, 14846
- Examinations, *see* Civil service.
- Executive Corridor, painting exhibit at  
Pentagon, 14213
- Executive departments, *see* Government sup-  
plies.
- Executive Seminar Center, Berkeley, Calif.,  
general information, 14308.
- Executive Seminar Center, Kings Point, N.Y.,  
general information, 14309
- Executives, international corps from U.S.  
business shows progress in Ghana, 14781
- Expenditures :  
consumer expenditures and income, rural  
farm population—  
north central region, 14117  
southern region, 14118  
defense spending, community adjustment  
to reductions, 14207
- Experts, Bulgarian efficiency, awards, 14951
- Explosions :  
industrial, experience in using for crustal  
studies in transition zone from Siberian  
platform to Taymyr downwarp, USSR  
study, 14804  
physics of USSR research, 14958  
Project Pre-schooner subsurface effects  
measurements, 14237  
research and technologic work, 15012
- Explosives, research and technologic work,  
15012
- Exports :  
dynamics of exporting (address), 14780  
small firms, marketing manual, 15323  
*see also* names or classes of articles  
exported.
- Extension Service, Federal, *see* Federal Ex-  
tension Service.
- Eyes :  
ionizing radiation effects in nuclear-pow-  
ered submarines, 14991  
television ophthalmoscopy, workshop pro-  
ceedings, 15297

## F

- F.A.A., *see* Federal Aviation Agency.
- F.C.S., *see* Farmer Cooperative Service.
- F.H.A., *see* Federal Housing Administration.
- FAA, *see* Federal Aviation Agency.
- Fabrication, *see* names of materials fab-  
ricated.
- Factors in job-satisfaction, 14191
- Facts for marketers, 14246
- Fair employment practices, *see* Discrimina-  
tion in employment.
- Fair labor standards act, *see* Labor stand-  
ards.
- Fall out, *see* Radioactivity.
- Fallout, *see* Radioactivity.
- Families :  
by type, 1965, population characteristics,  
14270  
family planning program, hearing, 14499  
income, 1965 median, 14277  
poverty areas, population characteristics,  
14272
- Far East, *see* East (Far East).
- Farallon National Wildlife Refuge, general  
information, 14671
- Farley, Kenneth R., determination of ce-  
sium and rubidium by flame photometry,  
15023
- Farm income, *see* Income.



- Farm labor:
- injuries to young farmworkers, 14967
  - migratory problem in U.S., report, 14468
  - old-age, survivors, disability, and health insurance, farm workers under, 15332
  - Farm mortgages, *see* Mortgages.
  - Farm work, *see* Farm labor.
  - Farmer Cooperative Service:
    - FCS bulletin, reprints, 14589-592
    - general report, 14594
  - Farmers:
    - agricultural cooperation, pioneer to modern, 14591
    - farmers under old-age, survivors, disability, and health insurance, 15332
    - gas tax credit, 14775
    - income gains made since 1960, statement, 14154-157
    - see also* Farmers cooperative organizations.
  - Farmers' bulletins, 14135-136
  - Farmers cooperative organizations:
    - citrus cooperatives, Florida, pooling following 1962 freeze, 14142
    - cooperatives-partners in American life, 1965, observance, proceedings, 14593
    - losses in transporting and handling grain, 14143
    - news for farmer cooperatives, reprint, 14595
    - statistics, 14594
  - Farmers Home Administration:
    - farm mortgage lending experience, 14547
    - loans on leased lands in Hawaii, authorize, report, 14398
    - recreation facilities and services operated by FHA borrowers, 14541
  - Farming, *see* Agriculture.
  - Farms:
    - costs and returns, 14530-533
    - commercial Corn Belt, 14533
    - commercial egg-producing farms, New Jersey, 14532
    - commercial tobacco-livestock, Bluegrass area, Ky., 14531
    - commercial wheat farms, Pacific Northwest, Southern and Northern Plains, 14530
    - farm population, 1965 estimates, 14537
    - real estate market developments, 14548
  - Fats, human body fat, measured by water displacement of adult male, 14235
  - Fauconneau, Guy, eigenvalue problem for beams and rectangular plates with linearly varying in-plane and axial load, 15056
  - Faulkner, Rafford L., remarks, Sept. 8, 1966, 14240
  - FCR series, 14530-533
  - FCS, *see* Farmer Cooperative Service.
  - FDL (series), 14652
  - Federal aid, *see* Grants-in-aid.
  - Federal Aviation Agency:
    - airmen, other than flight crewmembers, certification, Federal aviation regulations, 14604
    - Federal aviation regulations, 14599-617
    - status, 14618
  - Federal Aviation Agency Academy, Okla., catalog, 14598
  - Federal credit unions:
    - report, 1965, 14622
    - 31st anniversary, 14622
  - Federal Deposit Insurance Corporation, report of call, 14624
  - Federal employees, *see* Government officials and employees.
  - Federal Extension Service, what it does, time invested, and whom it serves, 14626
  - Federal Fire Council, films and slides for safety programs, list, 14741
  - Federal Government, *see* Government.
  - Federal Home Loan Bank Board, audit report, 1965, 14721
  - Federal home loan banks:
    - financial report, 1965, GAO examination, 14385
    - financial statements, 1965, GAO examination, 14722
  - Federal Housing Administration:
    - financing for home purchases and home improvements, consumer bulletin, 14629
    - savings by discontinuing liability insurance on acquired property, GAO report, 14729
  - Federal land banks, farm mortgage lending experience, 14547
  - Federal Maritime Commission:
    - authority to exempt water carrier operations from certain provisions of shipping act, 1916, report, 14456
    - SP series, 14633-634
  - Federal Mediation and Conciliation Service:
    - appropriations, 1967, hearings, 14472
    - report, 14635
  - Federal property, *see* Public property.
  - Federal Radiation Council, appropriations, 1967, hearings, 14472
  - Federal regulations, *see* Code of Federal regulations—also subjects.
  - Federal reserve member banks, reserves of member banks, regulations, supplement, 14639
  - Federal reserve system, Federal reserve act, amend, hearing, 14476
  - Federal Reserve System Board of Governors, regulation series, 14639-642
  - Federal Savings and Loan Insurance Corporation, insured savings and loan associations, average annual dividend rates paid, 14627
  - Federal seed act, 14510
  - Federal service, *see* Civil service.
  - Federal specifications, *see* Government supplies.
  - Federal standards, 14644
  - Federal-State Crop and Livestock Reporting Service:
    - 100 years, 1866-1966, crop and livestock reports, development and progress, chronology, 15378
  - Federal test method standard, 14645
  - Feed water, quality improvement, Webster, S. Dak., electro dialysis plant, pilot study, 14773
  - Feedback control systems, quasi-optimum techniques, study, 15043
  - Feedback delay, *see* Time delay.
  - Feedback loop compensates for rectifier non-linearity, 15112
  - Feedlots, cattle, size groups, number, 15383
  - Fees, establish, for abstracts of medical records furnished by PHS to private parties, GAO report, 14727
  - Feldspar, minerals yearbook chapter, 15005
  - Feole, Maria G. I., relief, 14363
  - Ferrites, thin film, vapor deposition by one-step process in vacuum, 15128
  - Fertilizers:
    - commercial, consumption in United States, 1850-1964, by States, 1945-64, 14161
    - storage shed, 40 ton capacity, 14146
    - FG series, 14289
  - FHA, *see* Farmers Home Administration—Federal Housing Administration.
  - Fibers:
    - bamboo, characteristics, 14164
    - natural and competing, young people's use and appraisal in wearing apparel, 14144
    - non-glassy inorganic fibers and composites, 15086
    - see also* names of certain plants, textiles, etc.
  - Fighter planes, F-100, modifications to engines, management of time compliance technical orders, GAO report, 14725
  - Figs, production, use, value, 1964-65 by States, 15379

# INDEX

- Filamentary materials, filamentary composites, studies of mechanics, errata, 15037
- Filaments:
- low density, high strength high modulus, study, 15041
  - precision winding of cylindrical composites with shaped glass filaments, 15038
  - wound toroids, use as pneumatic shock absorbers, 15071
- Files and filing (documents):
- Education Office records handbook, standard filing system, 14557
- Film slides, *see* Filmslides.
- Films (coating):
- aluminum, thin, self-supported, produced by vacuum deposition process, 15117
- Films (photography), *see* Motion pictures.
- Filmslides, fire safety slides, list, 14741
- Filmstrips, Public Health Service, 1966 film catalog, 15299
- Filters and filtration, *see* Microwave filters.
- Finance:
- assistance programs administered by Health, Education, and Welfare Dept., 14758
  - financial statements, 1965—
    - Commodity Credit Corporation, GAO examination, 14381
    - Federal Home Loan Banks, GAO examinations, 14385, 14722
    - Government Printing Office, examination, GAO report, 14723
    - Saint Lawrence Seaway Development Corporation, examination, GAO report, 14724
  - Finance Committee, Senate, hearings, 14480
  - Financial assistance, *see* Grants-in-aid.
  - Financial statements, *see* Finance.
- Fins (aircraft):
- straight finned radiators, weight optimization, design procedure, 15143
- Fins (cooling):
- heat-rejection characteristics of space radiator panels utilizing shared fins, 15189
- Fir, balsam, heart rots, 14695
- Fire Island National Seashore, general information, 15221
- Fire protection, *see* Fires.
- Firearms, national and Federal acts, text, 14778
- Fires:
- safety, construction projects (talk), 14742
  - safety programs, films and slides, list, 14741
  - see also* Forest fires.
- Fish and fisheries:
- conservation, protection, and propagation of endangered native species of fish, report, 14459
  - electronic method of measuring hematocrits, evaluation, 14674
  - fish control investigations, 14674
  - fish toxicity in nitrosalicylanilides and related compounds, chemical structure relation, 14674
  - fishery leaflets, 14653-655
  - fishery marketing development series, 14656
  - fishery statistics, 14678
  - Florida fish recipes, 14656
  - Hempstead, South Oyster Bay coastal wetlands, preserve, etc., hearings, 14432
  - motion pictures, 14655
  - parasites of freshwater fishes, 14652
  - shrimp fishery of southern United States, 14654
  - special scientific reports, fisheries series, 14675
  - sport and commercial, estuarine areas, preserve, etc., hearings, 14432
  - statistical digest, 14678
  - see also* Diseases of fish.
- Fish and Wildlife Service:
- circular, 14651
  - fishery marketing development series, 14656
  - refuge leaflets, 14657-672
  - regulatory announcement, 14673
  - special scientific reports—
    - fisheries series, 14675
    - wildlife series, 14676-677
  - Fish disease leaflet FDL—(series), 14652
  - Fisheries, *see* Fish and fisheries.
  - Fishery marketing development series, 14656
  - Fitzsimons General Hospital, Medical Research and Nutrition Laboratory, report, 14235
  - Flame photometry, *see* Photometry.
  - Flames, research and technologic work, 15012
  - Flax, Lawrence, magnetic field outside perfect rectangular conductors, 15177
  - Flight:
    - in-flight vibration analysis, 15196
    - information manual, international, 14199
    - instructors, certification, Federal aviation regulations, change, 14602
    - parameters and vehicle performance for Project Fire flight II, 15176  - Flight crews:
    - air crew selection, perceptual-psychomotor tests, historical review and advanced concepts, 14184
    - members other than pilots, engineer certificates and training courses, Federal Aviation regulations, change, 14603
    - supersonic transport, potential roles, implications for flight deck, 15064  - Flight engineers, certificates and training course, Federal aviation regulations, change, 14603
  - Flint Hills, Kansas and Oklahoma, bluestem and Osage pasture report, 15375
  - Flood, Daniel F., Isthmian Canal policy, etc. (addresses), print additional copies, report, 14462
  - Flood control, *see* Floods.
  - Floods:
    - damage prevention, indexed bibliography, 15380
    - storage flood routing without coefficients, 14102
    - see also* names of rivers, etc.  - Floor coverings, resilient, nontextile, sampling and testing, Federal test method standard, 14645
  - Florida:
    - census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258
    - citrus cooperatives, pooling following 1962 freeze, 14142
    - northwest coast, hurricane survey, engineer report—
      - departmental edition, 14572
      - document edition, 14384
    - Florida fish recipes, 14656  - Flounders, summer *Paralichthys dentatus* (Linnaeus) length-weight relation, 14675
  - Flow:
    - and pressure field analysis of parallel groove geometry for incompressible fluid, etc., 15201
    - axial flow pump rotor with blade tip diffusion factor of 0.66, blade element performance, 15191
    - brazing retort manifold design concept may minimize air contamination and enhance uniform gas flow, 15101
    - diaphragm valve for corrosive and high temperature fluid control, 15096
    - fields about delta and double-delta wings at low speeds, 15040
    - high pressure cryogenic liquid flow, slight assembly for easy observation, 15124
    - laminar heat transfer in arc-heated nitrogen streams, effect of discontinuities, 15198

## Flow—Continued

- nonviscous liquid flowing in long line with distributed leakage, attention of sinusoidal disturbances, 15171
- nonwetting, condensing, mercury vapor in constant-diameter tube in 1-g and zero-gravity environments, pressure-drop investigation, errata, 15133
- radiative interactions between absorbing-emitting and flowing media with internal energy generation, 15197
- supersonic, phenomena in conical nozzles, analysis by method of characteristics, 15164
- transient, hydrogen in heated passages in laminar-turbulent transition region, analysis, 15200
- Flowers, growing perennials, 14138
- Fluid flow, *see* Flow.
- Fluids:
  - conducting, inductive system detects level, 15122
  - diaphragm valve for corrosive and high temperature flow control, 15096
  - incompressible, flow and pressure field analysis of parallel groove geometry, 15201
- Fluorination, of iron, kinetics, 15180
- Fluorine, hydrogen-fluorine propellant system, comparison of experimental and kinetically limited theoretical performance, 15195
- Flutter (aircraft):
  - delta-planform surfaces, effects of leading-edge sweep at Mach number of 15.4, errata, 15131
  - multiple streamwise bay rectangular panels at low supersonic Mach number, 15050
- Fluvial sediment in Little Arkansas River basin, Kansas, 14754
- FMC SP series, 14633-634
- Fobes, Eugene W., pulpwood chip production and markets in Lake States, 14701
- Fog signals, Naval Oceanographic Office, list, Greenland, etc., 15237
- Fogs, methods to modify, experience, USSR study, 14949
- Food:
  - Army food service, rations, packets, and supplements, pamphlet, 14214
  - assistance policy and agricultural development to avert world famine (speech), 14160
  - assistance policy to win war on hunger (address), 14134
  - food for freedom program to help hungry nations help themselves (address), 14120
  - food for peace act of 1966, report, 14467
  - food for peace, activities under Public law 480, 14383
  - increasing production for new war against hunger (address), 14129
  - low-cost abundance, high level quality, and exciting variety (address), 14124
  - marketing, special studies, 15218
  - protection—
    - environmental health series, 15276
    - selected publications, bibliography, 15272
  - retailing—
    - organization and competition, miscellaneous statistical data, 15217
    - private label products, prices, regulations, etc., 15218
  - vending, food sanitation requirements, 14997
- Food and Drug Administration, report on oral contraceptives, 14685
- Foot rot in sheep, cause, detection, treatment, and prevention, 14136
- Forecasts, *see* Precipitation.
- Foreign Affairs Committee, House:
  - committee prints, 14418, 14420
  - hearings, 14419, 14421

- Foreign agents, registration act, administration, report, 14960
- Foreign aid:
  - appeal for renewal on grand scale, twenty years after, 14377
  - disposal of surplus property abroad, hearings, 14483
  - foreign assistance act of 1961, amend, hearings, 14419
  - foreign assistance act of 1966, hearings, 14419
- Foreign countries, shipping, discriminatory practices, reports, 14479
- see also* Foreign agents.
- Foreign currencies, *see* Money.
- Foreign curriculum specialists, overseas projects in education, 14553
- Foreign relations, *see* International relations.
- Foreign Relations Committee, Senate, hearings, 14481
- Foreign Scholarships Board, major activities, Sept. 1965-Aug. 1966, summary, 14691
- Foreign Service:
  - department and foreign service series, 15339
  - employees, salary rates, 14434
- Foreign trade, *see* Commerce.
- Foreign-trade zones, laws, regulations, etc., 14692
- Foreigners, *see* Aliens.
- Forest fires:
  - fire planning in Intermountain West, 14713
  - firebreak maintenance with soil sterilants, 14707
  - prevention and control, hearing, 14405
  - statistics, 14693
- Forest pest leaflets, 14694-696
- Forest planting, yellow birch seedlings, growth response to humus-mineral soil mixtures, 14705
- Forest products:
  - imports and exports via Great Lakes, etc., 14706
  - industries, progress in general economy (address), 14121
- Forest Service:
  - research notes, 14699-711
  - research papers, 14712-716
  - resource bulletins, 14717-720
- Forests and forestry:
  - genetics and related research, annotated bibliography, 14715
  - Kentucky's resources—
    - Blue Grass Unit, 14718
    - Pennyroyal Unit, 14717
    - Western Coalfield Unit, 14720
    - Western Unit, 14719
  - McIntire-Stennis cooperative forestry research program, administrative manual, 14132
  - northern hardwood stands, 4 methods of marking 2d growth, 14700
  - research notes, 14699-711
  - research papers, 14712-716
  - resource bulletins, 14717-720
  - soil sampling, wetland plots in Coastal Plain, 14711
- see also* Forest fires.
- Forms, blanks, etc., *see* subjects.
- Fortran, *see* Electronic data processing systems.
- Foster grandparent program, 14526
- Foundations (construction):
  - spread footing tests on snow, 14212
- Fournier, Roger H.:
  - supersonic aerodynamic characteristics of series of related bodies with cross-sectional ellipticity, 15157
- Fox, Thomas A., critical mass studies with NASA zero power reactor II, heterogeneous arrays of cylindrical voids, 15167



# INDEX

- Fractionation, tissue, zonal centrifuges and ancillary systems development, 15289
- Fram Corporation, Tariff Commission report to Automotive Agreement Adjustment Assistance Board in case pertaining to certain workers, 15387
- France, withdrawal from military cooperation in NATO, report, 14418
- Franchises (business):  
franchising agreements, effect on small business, hearings, 14495
- Frankfurt, Germany, U.S. trade center, 14783
- Free enterprise, *see* Laissez faire.
- Freeman, Orville L.:  
addresses, etc.—  
Apr. 13, 1966, 14160  
May 4, 1966, 14121  
May 13, 1966, 14128  
May 14, 1966, 14126  
May 25, 1966, 14153  
May 26, 1966, 14152  
June 9, 1966, 14124  
June 11, 1966, 14134  
June 16, 1966, 14151  
June 18, 1966, 14123, 14158  
June 23, 1966, 14125  
June 29, 1966, 14122  
July 22, 1966, 14127, 14156-157  
July 23, 1966, 14154-155  
July 29, 1966, 14120
- Freezing, home freezing of fruits and vegetables, 14137
- Freight forwarders:  
air freight forwarders, role in air transportation industry, hearings, 14442  
regional air cargo workshop (remarks), 14286
- Freight rates:  
discriminatory ocean, and balance of payments—  
hearings, 14369  
report, 14370  
ocean, military cargoes, by U.S.-flag ships at reduced rates, hearings, 14478
- Frequency modulation, *see* Radio frequency modulation.
- Frequency standards, rubidium vapor, long-term performance, 15210
- Fresh-water fishes, *see* Fish and fisheries.
- Friction:  
aluminum oxide in contact with various metals in vacuum, 15185  
bearing alloys with hexagonal crystal structure provide improved friction and wear characteristics, 15103  
characteristics of single crystal and polycrystalline aluminum oxide in contact in vacuum, 15190  
heat-transfer coefficient and friction factor data for dilute gas-solid suspensions, analysis and correlation, 15192
- Friedland, Bernard, study of quasi-optimum feedback control techniques, 15043
- Frozen foods, *see* names or classes of foods frozen.
- Fruit:  
fresh, shipments, by commodities, States, etc., 14508  
home freezing, 14137  
include certain fruits in agricultural marketing agreement act of 1937, hearing, 14406  
industry, organization and competition, 15215  
insect pests of deciduous fruits in West, 14130  
noncitrus, production, use, value, 1964-65 by States, 15379
- Fruits, *see* Fruit.
- FSLIC, *see* Federal Savings and Loan Insurance Corporation.
- Fuel:  
briquets and packaged fuel, minerals year-book chapter, 15006  
economical fuels, savings by using at VA field stations, GAO report, 14739  
propellant fuels, pharmacology and toxicology, boron hydrides, 14188  
Fuel briquets, *see* Briquets.  
Fuel oil, farmers tax credit, 14775  
Fuels, *see* Fuel.  
Fundamentals of electronics, cross reference index of transparencies, 15244  
Funds:  
foreign funds control, regulations and related documents, 15398  
land water conservation, 1st year and a half, 15255  
*see also* Nonappropriated funds.  
Furbay, Walter M., bargaining cooperatives look to future, 14595
- ## G
- Gages, *see* Ionization gages—Piston gages.  
Gaging stations, Pacific Northwest, annual peak water discharge, 1965-66, 14745  
Gahn, Randall F., determination of oxygen in potassium, 15135  
Galena, infrared spectroscopy studies of xanthate-galena system, 15021  
Gales, *see* Storms.  
Gallinules, hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations governing, 14673  
Game and game birds:  
Bear River Migratory Bird Refuge, 14657  
migratory birds, Federal regulations governing hunting, possession, transportation, importation, in Alaska, 14673  
Gamma globulin, immune, treatment and prophylaxis of infectious diseases, USSR study, 14822  
Gansner, David A.:  
Kentucky forests—  
Blue Grass Unit, 14718  
Pennyroyal Unit, 14717  
Western Unit, 14719  
Gardening, *see* Gardens.  
Gardens, home and garden bulletins, 14137-138  
Garst, Caroline C., blood glucose levels in adults, United States, 1960-62, 15309  
Gas:  
brazing retort manifold design concept may enhance uniform gas flow, 15101  
industry, injury experience, 15004  
natural gas, United States, 1964, analyses, 15011  
Gas-injection valve operates at high speed, 15111  
Gases:  
combustion, detonation initiation in alkane-oxygen mixtures, 15031  
dilute gas-solid suspensions, analysis and correlation of heat-transfer coefficient and friction factor data, 15192  
ionized, transport phenomena, initial value problem, 15062  
oscillatory combustion-gas flow, ethanol-jet atomization in combustor, 15147  
thermodynamic properties of arbitrary mixtures—  
calculation of specific heats with tabulated results, 15158  
calculation with modified vibrational-rotational corrections, 15156  
Gaskets, composite, compatible with liquid oxygen, etc., 15125  
Gasoline, tax credit farmers, 14775  
Gear drive automatically indexes rotary table, 15113  
Gems, *see* Precious stones.

- General agreement on tariffs and trade, Kennedy Round, beef exports, problems, hearings, 14505
- General Services Administration, administrator to accept title to John Fitzgerald Kennedy Library, authorize, hearing, 14424
- Genetics, forest, annotated bibliography, 14715
- Genetics Workshop of Society of American Foresters, *see* Society of American Foresters, Genetics Workshop.
- Gentry, Thomas R., technique for rapid collection of balsam woolly aphid eggs, 14710
- Geodesists, examination announcement, 14295
- Geodesy, accuracy of geodetic measurements in geological survey operations, pro and con, USSR study, 14907
- Geodetic instruments, Hungary, application, 14956
- Geographic Names Board, gazetteers, 14743-744
- Geographic reports, State Department, 15341
- Geographical names: gazetteers, 14743-744  
Sierra Leone, 14744  
Thailand, standard place names, 14743
- Geography, geographic reports, State Department, 15341  
*see also* names of places.
- Geological review (Chinese periodical): translations, 14896
- Geological Survey: bulletins, 14746-748  
circulars, 14749-751  
professional paper, 14752  
water supply papers, 14754-756
- Geology: Beluga-Yentna region, Alaska, 14746  
contributions to economic geology (series), 14746  
North American, bibliography, 14748
- Geometry: configuration geometry, effects on pressure coefficient and section normal-force coefficient distributions for 2-stage launch vehicle, supersonic investigation, 15139  
parallel groove, for incompressible fluid, flow and pressure field analysis, 15201
- Geophysicists, examination announcement, 14296
- Geophysics, Rumania, development in last 2 decades, 14895
- Georgia: census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258  
4 inert dusts for protection of shelled corn from insect attack, evaluation, 14109
- George, Betty, educational developments in Congo (Leopoldville), 14550
- George Washington Memorial Parkway, Mount Vernon section, general information, 15222
- Germans, Volga, in Soviet central Asia, 14934
- Gettysburg National Military Park, general information, 15223
- Ghana, executives march ahead, progress by international corps from U.S. business, 14781
- Gibson, Pryce B., white clover, 14131
- Giesler, Raymond, general hospitals admitting psychiatric patients, 15303
- Gila trout, *see* Trout.
- Giles, H. L., hypersonic pressure and heat transfer tests on flat plate, etc., 15048
- Gillingham, Kent K., primer of vestibular function, spatial disorientation, and motion sickness, 14189
- Glass: helium permeation, in vacuum systems, special treatment reduces, 15102  
precision winding of cylindrical composites with shaped glass filaments, 15038
- Glass fibers, initiation of failure mechanisms in glass-resin composites, 15039
- Glasser, W. A., minimax studies, 15054
- Glassworkers, *see* Glaziers.
- Glaziers, apprenticeship and training, national standards, 14202
- Glidden, David B., relief, 14341
- Glossaries, oceanographic terms, 15239
- Glucose, blood glucose levels in adults, 15309
- Glushkov, Viktor M., Lenin prize winner, interview about cybernetics, 14857
- Gold: geochemical anomaly in Cortez district, Nev., 14751  
mining industry, production incentives, hearing, 14486  
visors, evaluation, 14195
- Golden eagle, *see* Eagles.
- Goodman, George E., community health planning grants for heart disease, cancer, and stroke, 14757
- Goodsell, Wylie D., costs and returns, 1965, western livestock ranches, 14629
- Gordon, C. H., value of mature corn for silage, 14107
- Gorman, John L., soil survey report, Berkeley County, W. Va., 15334
- Government: Census Bureau publications, recurrent reports scheduled, announcement, 14281  
creative federalism functions, close relationship among Federal, State, and local areas (remarks), 14151  
Federal, price statistics, 14371  
local law enforcement, Federal assistance, amend law, hearings, 14429  
*see also* headings beginning Government.
- Government agencies, dollar savings possible through expanded use of foreign currencies to transport personal effects abroad, GAO report, 14728
- Government contracts: contractor performance evaluation (development and production), guide, 14518  
labor compliance manual, direct Federal and Federal-aid highway construction, amdt., 15315  
patent policy, report, 14458  
regional procurement, hearings, 14506  
renegotiation rulings, 15318  
Walsh-Healey public contracts act, sheltered workshops, questions and answers, 15417
- Government offices: Federal-State-local cooperative arrangements for selected statistical activities, programs and problems, statements, 14244  
independent offices, appropriations, 1967, report, 14401  
Interagency Committee on Occupational Classification, Budget Bureau, collection and classification procedures and plans for future work, progress report, 14245  
*see also* Government supplies.
- Government officials and employees: automotive travel cost reductions through use of Govt.-owned vehicles, GAO report, 14730  
community action agencies, etc., prevent engaging in pernicious political activities, hearings, 14498  
District of Columbia income taxes, withholding regulations, rescission, 15396  
Federal employees, allotments of pay for State income tax withholding, regulations, rescission, 15397  
Interagency training programs, Executive Seminar Center, Berkeley, Calif., 14308  
salary rates, 14434  
seafaring, additional leave, report of Civil Service Commission, 14435  
voluntary payroll savings plan for purchase of U.S. savings bonds, rescission, 15394

# INDEX

- Government officials and employees—Con.  
withholding on compensation of Federal  
employees for State and territorial in-  
come tax purposes, regulations, rescis-  
sion, 15395
- Government Operations Committee, House,  
hearings, 14422-425
- Government Operations Committee, Senate,  
hearings, 14482-485
- Government Printing Office:  
appropriations, 1967, legislative, report,  
14395  
financial statements, 1965, examination,  
GAO report, 14723
- Government publications:  
classified list, 15264  
price lists, Public Documents Division,  
PL series, 15265-266  
*see also* names of departments, etc., issu-  
ing publications—*also* subjects.
- Government reorganization plans:  
Health, Education, and Welfare Depart-  
ment, hearings, 14484  
National Capital Regional Planning Coun-  
cil, hearing, 14425  
State Department, hearings, 14484
- Government supplies:  
Federal specifications, 14643  
Federal standards, 14644  
Federal test method standard, 14645  
stores stock catalog, hand tools, supple-  
ment, 14646
- Grading of commercial products, *see* names  
of products.
- Graham, K. D., minimax control of large  
launch boosters, 15053
- Grafting (physiology):  
transplant immunity and radiation  
chimera, USSR study, 14920
- Grain:  
losses in transportation and handling by  
marketing cooperatives, 14143  
standards act, provide uniform national in-  
spection system, etc., proposed changes,  
summary, 14407
- Grand Banks, Newfoundland, oceanography  
of region, 14317
- Grandparents, foster grandparent program,  
14526
- Granite City Defense Depot, employees  
relief, 14362
- Grants-in-aid:  
academic grants awarded, by country and  
area, 14691  
administered by Health, Education, and  
Welfare Dept., 14753  
community development district act of  
1966, rural America, hearings, 14403  
community health planning grants for  
heart disease, cancer, and stroke, 14757  
education—  
elementary and secondary, amendments  
of 1966, hearings, 14416  
federally affected areas, impact aid,  
hearings, 14417  
vocational and technical, review of ac-  
tivities, 14563  
family planning program, Federal financial  
assistance to public agencies, etc., hear-  
ing, 14499  
health research facilities, guidelines for  
architectural-engineering documents,  
15267  
highway construction act of 1966, section-  
by-section analysis, 14441  
highway program, toll facilities relation-  
ship, hearings, 14440  
housing and urban development act of  
1966, report, 14388  
law enforcement, Federal assistance to  
State and local governments, amend  
law, hearings, 14429  
McIntire-Stennis cooperative forestry re-  
search program, administrative manual,  
14132
- Grants-in-aid—Continued  
mental health research grant awards,  
15288  
outdoor recreation grants-in-aid manual,  
15253  
population conference, hearings, 14484  
sea grant colleges, hearing, 14431  
Grapes, production, use, value, 1964-65 by  
States, 15379  
Grasses, perennial, seed yields, effect of  
diuron, 14163  
*see also* Bluestem.
- Gravity:  
anomalies of southwestern Sakhalin, na-  
ture, USSR study, 14805  
drift of inclined-orbit 24-hour satellite in  
earth gravity field through 4th order,  
15136  
potential and force field of earth through  
4th order, 15137
- Great Britain:  
economy, basic data, 14325  
England, plant quarantine requirements,  
14116  
Project Sparta, Australia, flight reentry  
program, agreement, 15348
- Great Lakes:  
forest-product imports and exports, 14706  
pilot, survey, supplement, 14985  
small craft, gale and whole gale warning  
facilities charts, 15423-424  
transportation lines, 14574
- Great Lakes States:  
pulpwood chip production and markets,  
14701  
pulpwood production hampered by adverse  
weather and labor shortage, 14702
- Great Meadows National Wildlife Refuge,  
birds, list, 14666
- Great Plains:  
commercial wheat farmed, 1965 costs and  
returns, 14530  
thunderstorms, measurements by aircraft  
of condensed water, 15421  
wheat yields, variability, 14538
- Greece:  
agricultural commodities, agreement,  
15363  
trade in cotton textiles, agreement, 15356
- Greenland:  
DEWline ice cap stations, 1963, perform-  
ance study, 14211  
lights and fog signals, list, change, 15237  
Gregg, Randolph M., occupations in care and  
rehabilitation of mentally retarded, 14569  
Griffin, George E., near-drowning, pathophys-  
iology, etc., 14996  
Griffith, Eugene, plant inventories, plant ma-  
terial introduced, 14115  
Groceries, manufacturing, organization and  
competition, studies, 15216  
Groff, Richard W., Minnesota's aspen and its  
projected supply, 14703  
Gross receipts tax, State taxation of inter-  
state commerce, report, print additional  
copies, report, 14461
- Groton, Conn., reduced defense spending,  
potential impact, 14207
- Group behavior, learning nonsense syllables,  
comparison with individual performance,  
14994
- Group Services, Workshop on, *see* Workshop  
on Group Services.
- Les groupes à l'aide de l'individu, 6 rapports  
d'informations générales présentés au  
Séminaire des Services par Groupes, 14583
- Growing flowering perennials, 14138
- Growth patterns in employment by county,  
1940-50 and 1950-60, 14247
- Guaranties and sureties:  
investments, agreement with—  
Ceylon, 15347  
Honduras, 15360  
Singapore, 15352
- Guidance systems, simplified technique to  
establish lunar orbit, 15154



## Guide books:

- welcome to U.S.A.—
  - French edition, 15402
  - Spanish edition, 15401
- Guided missiles, *see* Missiles.
- Gula, Martin, quest for equality, 14282
- Gulf Coast, Indians, general information, 14764
- Gypsum, mineral yearbook chapter, 15008
- Gyroplanes, commercial pilot flight test guide, 14683

## H

- Hafnium:
  - Electrorefining, electrolytes for, 15022
  - minerals yearbook chapter, 15034
- Hagberg, Hilding, former Communist Party chairman publishes book, 14903
- Haida Indians:
  - totem pole, colored poster with—
    - French text, 15407
    - German text, 15405
    - Spanish text, 15406, 15408
- Hall, forming processes, USSR study, 14949
- Hall, J. Richard, polybenzimidazoles, review, 14522
- Hampton, Va., area wage survey, metropolitan area, 14974
- Hand tools, stores stock catalog, supplement, 14646
- Handbooks, *see* names of departments, etc., issuing handbooks—*also* subjects.
- Handicapped, jobs for, program guide, pursuit of happiness, 14966
- Handwriting, criminological distinction of similar handwritings by computers, USSR study, 14864
- Hanke, Byron R., land-use intensity standards, LUI scale and zoning, 14631
- Hannaford, Mary M., proportion of surgical bill paid by insurance, etc., 15306
- Hansen, John P., reaction interface speed as reducibility index for iron ore, 15028
- Harding, Bertrand M., nomination, hearing, 14500
- Hardwoods:
  - northern stands, 4 methods of marking 2d growth, 14700
  - pallets, performance, effect of initial moisture content, 14714
- Harlee, John, address, Sept. 14, 1966, 14633
- Harman, Cameron G., non-glassy inorganic fibers and composites, 15086
- Harmon, Hubert R., memorial lectures in military history (series), 14166
- Harmonic functions, Vinti's accurate reference orbit with inclusion of 3d zonal harmonic computational procedure, 15170
- Harris, Dale W., design procedure for weight optimization of straight finned radiators, 15143
- Harris, J. Donald, monaural and binaural speech intelligibility and stereophonic effect based on temporal cues, 14993
- Harris Neck National Wildlife Refuge, general information, 14689
- Hatches, cover plate, inflatable O-ring seal would ease closing, 15115
- Hau, J. R., fiber and papermaking characteristics of bamboo, 14164
- Havasus Lake National Wildlife Refuge, birds, list, 14662
- Haverhill, Mass., area wage survey, metropolitan area, 14975
- Hawaii:
  - elementary and secondary education amendments of 1966, hearings, 14416
  - leased lands, authorize Farmers Home Admin. loans, report, 14398
- Hazardous substances, transportation of dangerous articles, etc., Federal aviation regulation, change, 14608

Head, injury, potential, from airline seats during crash decelerations, 14243

## Health:

- community planning grants for heart disease, cancer, and stroke, 14757
- environmental health series—
  - food protection, 15276
  - radiological health, 15277
- health information leaflets and pamphlets, list, 15286
- health information series, 15279-281
- Indian, highlights, 15284
- Indian program, Operation SAM, systems analysis module for development, 15292
- Kazakhstan, progress, 14915
- radiological health mobile training laboratory, 15300
- research facilities, guidelines for architectural-engineering documents for grants, 15267
- school program, outline for school and community, 15302
- services, job development and training for workers, 14759
- statistics—
  - data evaluation and methods research, 15305
  - data from national health survey, 15306-310
- Tadzhikistan public health, 14905
- Health, Education, and Welfare Department:
  - appropriations, 1967, hearings, 14472
  - grants-in-aid and other financial assistance programs administered, 14758
  - reorganization, hearings, 14484
  - staff development, progress, report, 1965 fiscal year, 14585
- Health insurance:
  - aged persons, conditions for participating hospitals, correction, 15326
  - farmers and farm workers under, 15332
  - health insurance for the aged, HIM (series), 15326
  - independent plans, 15331
  - interview response compared with insurance records, 15305
  - proportion of surgical bill paid by insurance, 15306
- Health service workers, training, critical challenge, conference proceedings, 14759A
- Hearing:
  - monaural and binaural speech intelligibility and stereophonic effect based on temporal cues, 14993
  - screening in selected classes for mentally retarded, Detroit, Mich., 14283
- Hearing aids:
  - ear, Tariff Commission report, 15385
  - monaural and binaural speech intelligibility and stereophonic effect based on temporal cues, 14993
- Heart, cardiac activity, phase analysis, USSR study, 14953
- Heart diseases, community health planning grants, 14757
- Heart River, drainage basin, surface water, sedimentation and chemical quality, 14755
- Heart rot, balsam fir, 14695
- Heat exchangers, vapor reheat liquid-liquid heat exchange process, analysis data correlation and optimization, 14772
- Heat transfer:
  - coefficient and friction factor data for dilute gas-solid suspensions, analysis and correlation, 15192
  - laminar, in arc-heated nitrogen streams, effect of discontinuities in surface catalytic activity, 15198
  - Plum Brook reactor, analysis, 15165
  - radiator panels utilizing shared fins, heat-rejection characteristics, 15189

# INDEX

## Heat transfer—Continued

- tests—
  - delta wings with laminar and turbulent boundary layers, 15047
  - flat plate with flap and delta wing, etc., 15048
  - surface roughness elements with laminar and turbulent boundary layers, 15049
- vapor reheat liquid-liquid heat exchange process, analysis data correlation and optimization, 14772

Helfand, Sol. D., retail sales, 14279

## Helicopters:

- certification and operations of scheduled air carriers with helicopters, Federal aviation regulations, change, 14611-612
- small business, role in air transportation industry, hearings, 14442

## Helium:

- minerals yearbook chapter, 15009
- permeation of glass in vacuum systems, treatment reduces, 15102

Helmets, assembly, one-piece transparent shell improves design, 15120

Helping people in groups, 6 background papers from Workshop on Group Services, Apr. 19-23, 1965:

French edition, 14583

Spanish edition, 14584

Hematocrit, fish, electronic method of measuring, evaluation, 14674

Hepatitis, description, etc., 15281

## Herbicides:

firebreak maintenance with soil sterilants, 14707

granular, application to ornamental plant materials in nurseries, 14103

see also Diuron.

Heterogeneous reactors, see Reactors (atomic).

Heusinkveld, M., subsurface effects measurements, Project Pre-Schooner, 14237

## High schools:

impact aid to strengthen and improve programs of assistance, hearings, 14417

Soviet, social science, syllabus of new course, 14564

Higher education, see Colleges and universities.

Highway safety, see Safety of life.

Highways, see Roads and highways.

Hill-Burton program, hospital and medical facilities series under Hill-Burton program, 15282-283

HIM series, 15326

Hirshhorn Museum and Sculpture Garden, see Joseph H. Hirshhorn Museum and Sculpture Garden.

History, see names of departments, etc.

Hoe tap (North Vietnam periodical):

translations, 14884

Hodges, Carl N., solar distillation utilizing multiple-effect humidification, 14770

Hoffman, Anthony C., instrument system for determining temperature effects on maximum induction of magnetic materials, 15175

Holloway, Paul F., roughness effects on boundary-layer transition for blunt-leading-edge plates, 15149

## Home economics:

home and garden bulletins, 14137-138

homemakers' opinions and preferences for broiler-fryers and turkeys, 14141

Home loans, see Loans.

Homemaker service, see Visiting housekeepers.

Homemaking, see Home economics.

## Homes:

employees in nursing, etc., homes for aged or chronically ill, 1964 statistics, 15310

FHA financing for home purchases and home improvements, consumer bulletin, 14629

Honduras, investment guaranties, agreement, 15360

Honey production, 15380

Hong Kong, refugee problems, report, 14389

Honold, V. R., transistor design effects on radiation resistance, 15075

Horn, Arthur G., Lake States pulpwood production hampered by adverse weather and labor shortage, 14702

Hosiery industry, 1947-64, indexes of output per man-hour, 14968

Hospitalization insurance, good news for household workers, 15328

## Hospitals:

administrative aspects of central medical and surgical supply services, 15282

conditions for participation in health insurance for aged program, correction, 15326

conference Hill-Burton and mental retardation construction authorities with Surgeon General, 1965, proceedings, 15283

construction program, agreement with Burma, 15370

general, admittance of psychiatric patients, survey, 15303

hospital and medical facilities series under Hill-Burton program, 15282-283

see also Military hospitals—Veterans hospitals.

Hours of labor, employee earnings, retail trade, June 1965, summary release, 14984

House Administration Committee, House, committee print, 14426

House documents, 14379-387

## House of Representatives:

appropriations, 1967, legislative report, 14395

disbursements, detailed statement, 14426

House reports, public bills, 14388-402

## Household goods:

consumer buying intentions, 14278

shipments overseas, charges for diversion in continental U.S., GAO review, 14734

Household workers, see Servants.

Households by type, 1965, population characteristics, 14270

## Housing:

authorized, construction reports, summary statistics, 14263

construction, 1889-1964, statistics, 14280

consumer buying intentions, 14278

current reports, housing characteristics, 14269

discrimination in sale, etc., eliminate, hearings, 14493

housing and urban development act of 1966, report, 14388

living units, minimum property standards, interim revision, 14632

people in Washington, D.C., problems, synopsis of findings, 15212

vacant units in U.S., 14269

Housing and Urban Development Department, appropriations, 1967, report, 14401

How extension spends its time and with whom, 14626

Howe, John T., dynamics of capillaries and existence of plasma flow in pericapillary lymph space, 15146

Howell, John R., radiative interactions between absorbing-emitting and flowing media with internal energy generation, 15197

Hudson, R. G., diffusion and electron emission properties of duplex refractory metal thermionic emitters, 15044

Hudson Bay, surface water quality of basin, 14756

Hudson River and Valley, mid-Hudson rural development project, 14596

Huff, Judith M., recreation facilities and services operated by FHA borrowers, 14541

- Huff, Lyman C., mineral resources of Sycamore Canyon, primitive area, Ariz., 14747
- Hulse, Fred E., pooling by Florida citrus cooperatives following 1962 freeze, 14142
- Human centrifuges, *see* Centrifuges.
- Human Rights Year, International, *see* International Human Rights Year.
- Human transfer functions used to predict system performance parameters, 15109
- Humidity, multiple-effect humidification utilized by solar distillation process, 14770
- Humphrey, Richard A., precision winding of cylindrical composites with shaped glass filaments, 15038
- Hungarian Chemical Society, general assembly, 1966 report, 14933
- Hungary:
- Academy of Sciences—
    - activities of corporate bodies, 14835
    - recent activities, 14859
    - biological research, development, 14834
    - biological sciences, development, 14845
    - doctors and candidates, for doctorate, Hst, 14836
    - geodetic instruments, application, 14956
  - Hungarian observation network for artificial satellites, activities, 14833
- Hunger:
- balance agricultural productivity and population to prevent famine (address), 14129
  - dimensions of world hunger problem (address), 14120
  - magnitude of impending food crisis (speech), 14160
- Hunting, migratory birds, Alaska, 1966-67. Federal regulations governing, 14673
- Hurd, Edgar B., costs and returns, 1965, commercial wheat farms, Pacific Northwest, northern and southern Plains, 14530
- Huron, Lake, small craft, gale and whole gale warning facilities chart, 15423
- Hurricanes:
- surveys, engineer reports, Florida north-west coast—
    - departmental edition, 14572
    - document edition, 14384
- Hutchison, S. Blair, timber management issues on Utah's north slope, 14712
- Hutchital, D. A., transport phenomena in ionized gases as initial value problem, 15062
- Hydraulics, model investigation, Dana Point Harbor, Calif., 14575
- Hydrogen:
- argon-hydrogen plasmas, reaction of coal, 15030
  - hydrogen-fluorine propellant system, comparison of experimental and kinetically limited theoretical performance, 15195
  - transient flow in heated passages in laminar-turbulent transition region, analysis, 15200
- Hydrohandling system, sorting and sizing apples before storage, 14112
- Hydromagnetic waves, *see* Magnetohydrodynamics.
- Hydrometeorology:
- Cuba, USSR study, 14872
  - hydrometeorological observations for processing on electronic computers, preparation of results, USSR study, 14869
  - hydrometeorological report, 15420
  - USSR, scientific work at institutes of hydrometeorological service, 14873
- Hypatia, RLC6, lunar chart, 14186
- Hypersonic speed, *see* Air speed.
- Hypertension, *see* Blood pressure.
- Hypnosis, dreams during, USSR study, 14849
- IAEA, *see* International Atomic Energy Agency.
- ICA, *see* Industrial College of Armed Forces.
- Ice:
- adhesion to hydrophobic surfaces, 15252
- Iceland:
- agricultural commodities, agreement, 15374
- Idaho, manufacturing plants, location by county, industry, and employment size, 1963 census, 14260
- Identification, aircraft and related products, Federal aviation regulations, change, 14601
- IESC, *see* International Executive Service Corps.
- IFR, *see* Instrument flight rules.
- Illinois:
- 4 inert dusts on stored shell corn for protection against insects, progress report, evaluation, 14108
  - manufacturing plants, location by county, industry, and employment size, 1963 census, 14256
- Image (psychology):
- team procedures in image interpretation, 14234
- Immersion, near-drowning, pathophysiology and treatment, 14906
- Immigration and emigration:
- immigration and nationality act, amend, hearings, 14430, 14496
  - laws, administrative decisions, index, 14762
- Immunization, and viral aerosols, USSR studies, 14891
- Impact, and puncture-resistant material protects parts from damage, 15105
- Impacted areas, *see* Schools.
- Imports, *see* names or classes of articles imported.
- Income:
- consumer expenditures and income—
    - rural farm population—
      - north central region, 14117
      - southern region, 14118
    - consumer income, series, 14277
    - family, 1965 median, 14277
    - farm costs and returns—
      - commercial Corn Belt farms, 14533
      - commercial egg-producing farms, New Jersey, 14532
      - commercial tobacco-livestock farm, Bluegrass area, Ky., 14531
      - commercial wheat farms, Pacific Northwest, northern and southern Plains, 14530
      - western livestock ranches, 14529
  - Income tax:
    - contributions to needy older relatives, tax consequences, hearing, 14469
  - District of Columbia, withholding by Federal agencies, regulations, rescission, 15396
  - IRS looseleaf system, 14776
  - self-employed retirement deduction for 1964, Treasury Dept. report, 14445
- State—
- and territorial, withholding on compensation of Federal employees, regulations, rescission, 15395
  - withholding from salaries of Federal employees, regulations, rescission, 15397
- Independent offices, *see* Government offices.
- Index numbers, *see* subjects, e.g. Production.
- Indexes:
- broadcasting stations of world—
    - amplitude modulation—
      - frequency, 14687
    - indexed by country and city, 14686
    - frequency modulation, by country, city, frequency, 14688
    - television, 14689
  - Civil War military operations, prospectus, 14313
  - Defense Department specifications and standards, 14519
  - flood damage prevention, bibliography, 15289



# INDEX

## Indexes—Continued

fundamentals of electronics, transparencies, 15244  
 Immigration and Naturalization Service administrative decisions, 14762  
 NASA tech briefs, 15083  
 organization of Congress, hearings, 14368  
 output per man-hour, hosiery industry, 14968  
 planetary atmospheres, continuing bibliography, 15091  
 renegotiation rulings and bulletins, 15318  
 indexing, method, gear drive automatically indexes rotary table, 15113

## India:

amateur alien radio operators, authorization to operate, agreement, 15373  
 refugee problems, report, 14389

## Indian Claims Commission:

cases before, revolving fund to finance assistance, increase authorization, report, 14393  
 termination date, extend, report, 14396

## Indian Ocean:

atlas of bathythermograph data, 15231  
 Indian Ocean Expedition, *see* International Indian Ocean Expedition.

Indian reservations, *see* names of reservations.

Indiana, manufacturing plants, location by county, industry, and employment size, 1963 census, 14256

## Indians:

California, judgment funds, disposition, hearings, 14427  
 Dakotas, general information, 14763  
 Gulf Coast tribes, general information, 14764  
 health program, Operation SAM, systems analysis module for development, 15292  
 Indian health highlights, 15284  
 Montana & Wyoming tribes, general information, 14765  
 New Mexico tribes, general information, 14766  
 Northwest tribes, general information, 14767  
 revolving fund, assistance in cases before Indian Claims Commission, increase authorization, report, 14393  
*see also* names of reservations or tribes.

## Indonesia:

agricultural commodities, agreement, 15361  
 political history and Oct. 1 coup, Swedish leftist view, 14902  
 Inductance, inductive system detects level of conducting fluids, 15122  
 Industrial College of Armed Forces, National Security Seminar, 1966-67 presentation outlines and reading list, 14787

## Industry:

aesthetics and cybernetics, application, USSR study, 14802  
 Bulgarian National Assembly's permanent commission, progress noted at session, 14952  
 questions and answers, QA-IND series, 15417  
 safety of life, mechanical and physical hazards series, 14965  
 wage survey, cotton textiles, 14979  
*see also* names of industries.

## Inertia:

convective, flow and pressure field analysis of parallel groove geometry, etc., 15201  
 system for inertial experiment pointing and attitude control, 15202

Infectious diseases, *see* Contagion and contagious diseases.

Infrared spectroscopy, *see* Spectroscopy.

Infrared spectrum, *see* Spectra.

Ingocho, Robert D., atomization of ethanol jets in combustor with oscillatory combustion-gas flow, 15147

## Injuries:

head and face injury potential of airline seats during crash decelerations, 14243  
 oil and gas industry, 15004  
 spread of injury in somatic muscle fibers, USSR study, 14932

young farmworkers', examples, etc., 14967  
 Innovation and reform in warfare, 14166  
 Inorganic fibers, *see* Fibers.

Insect pests, *see* Insects.

Insecticides, *see* names of insecticides.

## Insects:

evaluation of 4 inert dusts for protection against insect attack on—  
 shelled corn in Georgia, 14109  
 stored shell corn in Illinois, 14108  
 stored wheat in Kansas, 14110  
 individual eggs from egg-mass-depositing insect, obtaining, 14709  
 pests, deciduous fruits in West, 14130  
 inspection services, ports of entry, costs, reports, 14460

## Installations (military):

arctic and subarctic construction, technical manuals—  
 emergency construction—  
 general provisions, 14227  
 site selection and development, 14226, 14228

Army, facilities, basic criteria and construction standards, technical manual, 14222

defense scrap yard handbook, 14516  
 DEWline ice cap stations, Greenland, 1963, performance study, 14211  
 dining facilities for enlisted personnel, technical manual, 14225

Institute of Atomic Physics, Rumania, nuclear installation and computerized weather forecasting, 14841

## Institutions:

rights granted to institutions of higher learning, suggested expansion, USSR study, 14924

*see also* Child welfare institutions.

Instrument flight rules, IFR altitudes, Federal aviation regulations, 14607

Instrument panels, *see* Panels and paneling.

Instrumentation, systems, minimum permissible leakage resistance established, 15127

Instruments, automatic instruments and equipment, production, USSR study, 14928

Insurance, *see* types of insurance.

Insurance companies, *see* Life insurance companies.

Insurance banks, *see* Banks and banking.

Integration, *see* Race problems.

Interagency Committee on Occupational Classification, Budget Bureau, collection and classification procedures for Federal agencies, etc., progress report, 14245

Interagency training programs, *see* Government officials and employees.

Interdepartmental Scientific Council on Programmed Instruction, USSR, interview on programmed instruction with Academician A. I. Berg, Chairman, 14791

## Interest and usury:

insured banks, paid on savings, maximum interest rates, regulation, hearing, 14476

interest rates and mortgage credit, hearing, 14474

payment of interest on deposits, Federal Reserve regulation Q—

amendment, 14640

supplement, 14641

Interest rates, *see* Interest and usury.

Intergovernmental relations, responsibilities and cooperation of Federal, State and local Governments (remarks), 14151

Interior and Insular Affairs Committee,

House:

hearings, 14427

reports, 14392-393, 14396-397

Interior and Insular Affairs Committee,

Senate, hearings, 14486-491

## Interior Department:

Assistant Secretary, nomination of Frank C. DiLuzio, hearing, 14487  
saline water research and development progress report, 14770-774  
study control of jellyfish and other such pests, hearings, 14433

Intermountain region, prescribed fire planning, 14713

## Internal revenue:

code of 1954—  
amend, hearings, 14480  
tax exemption, pension trust procedures and guides for qualification, 14779  
*see also* names of certain taxes, e.g., Income tax.

## Internal Revenue Service:

looseleaf regulations system—  
employment tax, 14777  
income tax, 14776

International agreements, *see* subjects, names of countries, etc.

International Atomic Energy Agency, application of safeguards to cooperation agreement with Austria, 15345

International boundary study, 15342

International Commerce Bureau, international business publications, checklist, 14782

International Congress on Home Help Services, proceedings, 15427

International Convention for Prevention of Pollution of Sea by Oil, amendments, implementing, report, 14464

International Convention on Load Lines, text, regulations, 1966, 14452

International cooperation, economic, appeal for renewal on grand scale, twenty years after, 14377

International Development Agency, telephone directory, 15344

International exchanges, teacher exchange program, 14558

International Executive Service Corps, executives march ahead, Ghana progress, 14781

International Human Rights Year, U.S. observance, hearings, 14421

International Indian Ocean Expedition, cruises, track charts, 15232

International Load Lines, *see* International Convention on Load Lines.

## International relations:

cultural affairs and foreign relations, Air Force Academy assembly, final report, 14165

promote foreign policy, etc., of U.S. by assisting people of world in efforts toward security, hearings, 14419

United States policy toward Asia, report, 14387

*see also* Alliances.

International trade, *see* Commerce.

International Year for Human Rights, *see* International Human Rights Year.

Interpolation path controllers, digital higher order, 15182

Interstate agreements, bus taxation proration, Massachusetts, consent of Congress, report, 14453

Interstate and Foreign Commerce Committee, House, hearings, 14428

Interstate carriers, *see* Carriers.

Interstate Commission on Potomac River Basin, appropriations, 1967, hearings, 14472

Interview response on health insurance compared with insurance records, U.S., 15305

Interviewing, accuracy of information obtained in interviews on health insurance coverage, cooperative study, 15305

Intoxication, *see* names of poisons.

Intraspecies biologic and behavioral variability, 14193

## Inventions:

Federal inventions act of 1966, report, 14458

information aid for inventors, 15257

## Inventories:

interstate carrier water supplies, by States and Public Health Service regions, 15285

management, economic order quantity, principle and applications, GSA handbook, 14740

plant, material received by New Crops Research Branch, 14115

Inventors, Bulgarian, awards, 14951

patents and inventions, information aid, 15257

Investment companies, small business investment act amendments of 1966, hearings, 14477

## Investments:

District of Columbia, legal investments for trust funds, list, 14525

guaranties, agreement with—

Ceylon, 15347

Honduras, 15360

Singapore, 15352

nonfarm mortgages, life insurance companies, 14628

## Investors:

foreign investors tax act of 1965, written statements submitted to Ways and Means Committee, 14446

foreign investors tax act of 1966, hearings, 14480

Ionization, nonequilibrium phenomena in Apollo plasma sheath, estimates, 15077

Ionization gages, Bayard-Alpert, effects of rubidium vapor, 15179

Ionized gases, *see* Gases.

Ionizing radiation, effects on eyes of personnel in nuclear-powered submarines, 14991

## Ionosphere:

layers in infrared spectral region, USSR study, 14794

range residuals in VHF radar tracking, 15169

Ions, metallic complexes, role in reactivation of cholinesterase inhibited by organic phosphorus compounds, USSR study, 14943

Iowa, manufacturing plants, location by county, industry, and employment size, 1963 census, 14257

Ips confusus (Lec.), *see* Beetles.

Iraq, mineral industry, minerals yearbook chapter, 15015

## Iron:

fluorination, kinetics, 15180  
ores, reducibility index, reaction interface speed, 15028

Iron ores, *see* Iron.

Irradiation, *see* Radiation.

IRS, *see* Internal Revenue Service.

Irvine, Dallas, military operations of Civil War, guide index to official records of Armies, 14313

Islam, *see* Mohammedanism.

## Israel:

agricultural commodities, agreement, 15364

amateur alien radio operators, authorization to operate, agreement, 15366

mineral industry, minerals yearbook chapter, 15016

Isle Royale National Park, birds, 14676

Isotopes, analysis, instrumentation and procedures of NBS Analytical Mass Spectrometry Section, 15209

Isthmian Canal, *see* Panama Canal.

Ivory Coast, agricultural commodities, agreement, 15368

# INDEX

## J

- Jacks, steel, from Canada, determination of likelihood of injury, 15386
- Jacobs, Rodney D., silvicultural evaluation of 4 methods of marking 2d growth northern hardwood stands, 14700
- Jaack, C. L. pressure and heat transfer tests on surface roughness elements, 15049
- Janz, George J., diffusion of electrolytes, diaphragm diffusion technique, 14771
- Japan:  
air transport services, agreement, 15346  
ambassador, nomination of U. Alexis Johnson, hearings, 14481  
mutual defense assistance, agreement, 15350  
southern, sailing directions, change, 15236  
Jellyfish, and other such pests, control, hearings, 14433
- Jets, ethanol, atomization in combustor with oscillatory combustion-gas flow, 15147
- Job Corps:  
amendments to economic opportunity act, hearings, 14498  
conservation centers, etc., list, 14527
- Job satisfaction, factors, spontaneous comments, 14192
- Jobs, *see* Occupations—Training—Work.
- John Fitzgerald Kennedy Library, title to, authorize Administrator of General Services to accept, hearing, 14424
- John V. Boland Construction Co., relief, 14348
- Johnson, Lyndon B., *see* President of United States.
- Johnson, Raymond H., jr., ultrasonic dispersion of sediments for size fraction radioanalysis, 15277
- Johnson, U. Alexis, nomination, hearings, 14481
- Johnson, Wilfrid E., remarks, Sept. 14, 1966, 14241
- Joint Publications Research Service, JPRS series, 14789-958
- Jones, John P., commemoration at Annapolis, Apr. 24, 1966, 15240
- Jones, Lawrence A., rural home financing through Voluntary Home Mortgage Credit program, 14535
- Jones, William J., NASA contributions to cardiovascular monitoring, 15084
- Jordan, mineral industry, minerals yearbook chapter, 15017
- Joseph H. Hirshhorn Museum and Sculpture Garden, establish, hearing, 14439
- JPRS series, 14789-958
- Judaism, decline in Moldavia, 14867
- Judicial procedure, *see* Civil procedure.
- Judiciary Committee, House:  
hearings, 14429-430  
report, 14389
- Judiciary Committee, Senate:  
committee print, 14497  
hearings, 14492-496  
reports, 14453, 14455, 14458
- Junction connectors for strategic placement of television cameras, 15121
- Jung Won Loy, relief, 14346
- Jury, selection, protect civil rights, hearings, 14493
- Justice Department, opinions of Attorney General, 14959

## K

- Kansas:  
bluestem, Flint Hills, pasture report, 15375  
4 inert dusts for protection of stored wheat from insect attack, evaluation, 14110  
manufacturing plants, location by county, industry, and employment size, 1963 census, 14257
- Kaufman, L., vaporization of liquid uranium, metal, and carbon systems at 9000° and 10,000° R., 15076

- Kawa, Walter, reaction of coal in argon and argon-hydrogen plasmas, 15030
- Kazakh Soviet Socialist Republic:  
Biological Science Department, Academy of Sciences, scientific activity of institutions, 14923  
public health progress, 14915  
southern, statistical structure of wind field, USSR study, 14877
- Kazakhstan, *see* Kazakh Soviet Socialist Republic.
- Keen, F. P., western pine beetle, 14694
- Kennedy, John Fitzgerald, Library, *see* John Fitzgerald Kennedy Library.
- Kennedy Round, *see* General agreement on tariffs and trade.
- Kentucky:  
Bluegrass area, tobacco-livestock farms, costs and returns, 14531  
census of manufactures, 1963, manufacturing plants, location by county, industry, and employment size, 14259  
forests—  
Blue Grass Unit, 14718  
Pennyroyal Unit, 14717  
Western Coalfield Unit, 14720  
Western Unit, 14719
- Kenya, agricultural commodities, agreement, 15357
- Key to meteorological records documentation, 14579-580
- Kidneys, renal disease and hypertension, Public Health Service cooperative studies, conferences, proceedings, 15296
- Kinetics:  
desorption, multiple adsorbates, cesium with fluorine on molybdenum and tungsten, 15187  
fluorination of iron, 15180
- King, J. Derwin, vibrating diaphragm pressure transducer, 15082
- Kleh, Thomas R., ionizing radiation effects on eyes of personnel in nuclear-powered submarine, 14991
- Knapp, Joseph G., basic cooperative features, 14590
- Kniffin, Fred W., retail credit and collections, 15324
- Knott, Edward M., homemakers' opinions and preferences for broiler-fryers and turkeys, 14141
- Kobayashi, Shigeo, influence of boundary conditions on buckling load of cylindrical shells under axial compression, 15061
- Kobett, D. R., flutter of multiple-streamwise bay rectangular panels at low supersonic Mach number, 15050
- Kollmeyer, Ronald C., oceanography of Grand Banks region of Newfoundland, 14317
- Kolodrubetz, Walter W., private pension plan benefits, 14978
- Konovalov, Nikolay V., obituary, USSR, 14809
- Krall, Allan M., root locus diagrams by digital computer, 15059
- Kramer, Lucy M., training health service workers, critical challenge, 14759A
- Krefting, Laurits W., birds of Isle Royale in Lake Superior, 14676
- Krzykowski, Kazimierz (Casimer):  
relief, 14355
- Krzywicki, Harry J., human body density and fat of adult male population as measured by water displacement, 14235
- Kupper, Hubert J., relief, 14366
- Kurdistan, national liberation movements, 1943-57, 14910
- Kurds, religious activities, USSR study, 14801
- Kurzahls, Peter R., system for inertial experiment pointing and attitude control, 15202



- L**  
**L series, 14290**  
**Labels:**  
 private products in food retailing, 15218  
 tires, labeling guides adopted by Federal Trade Commission, 14647  
**Labor:**  
 Commerce Department plays important role in labor's development (address), 14319  
 controls, USSR, recent changes, 14372  
 indexes of output per man-hour, hosiery industry, 14968  
 job development and training for workers in health services, 14759  
 market, current employment market for engineers, scientists, and technicians, 14567  
 plant location planning, a look at the labor side, Labor Statistics Bureau publications and studies, list, 14982  
 shortage, hampered Lake States pulpwood production, 14702  
*see also* Farm labor.  
 Labor and Public Welfare Committee, Senate:  
 hearings, 14498-501  
 report, 14468  
 Labor Department:  
 appropriations, 1967, hearings, 14472  
 Assistant Secretary, nomination of Stanley H. Rittenberg, hearing, 14501  
 regulations and interpretative bulletins, 14962  
 Labor disputes, airlines and employees, settlement, hearings, 14428  
 Labor-management reporting and disclosure act of 1959, regulations and interpretative bulletins, 14962  
 Labor markets, *see* Labor.  
 Labor standards:  
 fair labor standards act, sheltered workshops, questions and answers, 15417  
 Public Roads Bureau labor compliance manual, amendment, 15315  
 Labor Standards Bureau, bulletin, 14965  
 Labor Statistics Bureau:  
 BLS report series, 14968-969  
 bulletins, 14970-980  
 Labor unions, Bulgarian Central Council of Trade Unions, officers, members, etc., 14848  
 Laboratories, radiological health mobile, training laboratory, 15300  
*see also* Research laboratories—*also* names of laboratories or places where located.  
 Laguna Atascosa National Wildlife Refuge, birds, 14664  
 Laissez faire, strengthening free enterprise, 1965 annual report, Small Business Administration, 15325  
 Lake States, *see* Great Lake States.  
 Lake States Forest Experiment Station, forest genetics and related research, annotated bibliography, 14715  
 Lake States Forest Tree Improvement Conference and Genetics Workshop of Society of American Foresters, joint proceedings, 14716  
 Lake Woodruff National Wildlife Refuge, general information, 14670  
 Lamb, Lawrence R., influence of manned space flight on cardiovascular function, 14196  
 Laminar flow, *see* Flow.  
 Laminated materials, Echo II metal-polymer laminate, mechanical and physical properties, 15140  
**Land:**  
 land and water conservation fund, 1st year and half, 15255  
 retirement programs, aggregate economic effects, linear programming analysis, 14162  
 Land—Continued  
 Rumania, utilization, research, 14886  
 Tennessee Valley, inventory of land and its use, 15390  
 turning cropland into recreational use (remarks), 14152  
 use, intensity standards, LUI scale and zoning (paper), 14631  
 Larson, Donald K., variability of wheat yields in Great Plains, 14538  
 Lasers, bibliography, 15089  
 Launch vehicles, *see* Spacecraft.  
 Launching facilities, minimax control of large launch boosters, 15053  
 Lauritzen, C. W., rain traps for intercepting and storing water for livestock, 14133  
**Law:**  
 publications, price list, 15265  
 ship laws (private), 89th Congress, 14335-367  
 Swedish research in Soviet legal terminology, 14901  
*see also* subjects.  
 Law enforcement, Federal assistance to State and local governments, amend 1965 act, hearings, 14429  
 Lawrence, Mass., area wage survey, metropolitan area, 14975  
 Laws, *see* Law—*also* subjects.  
**Leadership:**  
 Air Force officers, 14167  
 become a leader, apply for OCS, Army, 14219  
 Leaflets, *see* names of departments, etc., issuing leaflets—*also* subjects.  
**Leakage (electrical):**  
 instrumentation systems, minimum permissible leakage resistance established, 15127  
 Lean-to-shelter, *see* Air raid shelters.  
**Learning:**  
 and overlearning, physiological correlates, 15251  
 individual and group, comparison, 14994  
 rights granted to institutions of higher learning, suggested expansion, USSR study, 14924  
 Leases, long-term, on San Xavier and Salt River Pima-Maricopa Indian reservation, report, 14397  
 Leave of absence:  
 additional accumulation of certain foreign areas, hearings, 14410  
 Federal seafaring employees, additional leave, report of Civil Service Commission, 14435  
 Lech, Marie M., administrative aspects of hospital central medical and surgical supply services, 15282  
 Lectures, *see* Addresses, lectures, etc.  
 Lee, William O., effect of annual applications of diuron on seed yields of grasses, 14163  
**Legislation:**  
 Budget Bureau legislative policy, hearing, 14404  
 major legislative action, 89th Congress, 14378  
*see also* Law—*also* subjects.  
 Legislative appropriations, *see* Appropriations.  
 Leko, Robert W., analysis of transient flow of hydrogen in heated passages in laminar-turbulent transition region, 15200  
 Lenin prizes:  
 interview with winner, Viktor Glushkov about cybernetics, USSR, 14857  
 mathematics, winner, Nikolaya V. Yefimov, 14881  
 Leningrad Planning Institute, personnel and economic problems, 14861  
 Leninism, *see* Communism.  
 Leslie, Edward A., basic data on economy of United Kingdom, 14325

# INDEX

- Leslie, John M., effects of time delay in visual feedback loop of man-machine system, 15063
- Lewis, John H., Jr., flight parameters and vehicle performance for Project Fire flight II, 15176
- Li Tsu Chen, *see* Chen, Li Tsu (Nako).
- Liability (law):
- maritime matters, NS *Savannah*, executive agreements waiving sovereign immunity and limitation of shipowner's liability, opinion of Attorney General, 14959
- Liability insurance, savings by discontinuing on FHA acquired property, GAO report, 14720
- Liberty, Kurdish national liberation movements, 14910
- Librarians, employment with Air Force, 14173
- Libraries, books, price fixing, hearings, 14492 *see also* names of libraries, or places where located.
- Library list, National Agricultural Library, 15204-205
- Library of Congress:
- appropriations, 1967, legislative, report, 14395
  - catalogs, national union catalog, register of additional locations, 14986
- Life insurance, national service, refunds, Philippine peso payments, hearings, 14443
- Life insurance companies:
- farm mortgage lending experience, 14547
  - nonfarm mortgage investments, 14628
- Light, measurements in study of primary production in sea, USSR study, 14798
- Light lists, *see* Lights and lighting.
- Lightman, Joseph M., patent, trademark, industrial design and copyright protection in Colombia, 14326
- Lights and lighting:
- Coast Guard list, Pacific Coast and Pacific Islands, 14315
  - Naval Oceanographic Office, list, Greenland, etc., 15237
- Lin Piao, long live victory of people's war, 14690
- Lindemann, Terrance, report from volunteer unit, executives march ahead, Ghana request shows progress being made by international corps from U.S. business, 14781
- Linear programming, analysis, alternative land retirement programs, aggregate economic effects, 14162
- Liquid level indicators, inductive system detects level of conducting fluids, 15122
- Liquid metals, *see* Metals.
- Liquid oxygen, *see* Oxygen.
- Liquid uranium, *see* Uranium.
- Lists, *see* subjects of lists.
- Litchfield, Elton L., detonation initiation in alkane-oxygen mixtures, 15031
- Lithium, manufacture of lithium-drifted silicon surface-barrier semiconductor counters, 15166
- Little Arkansas River and Valley, fluvial sediment in basin, 14754
- Litvinov, Maksim, activities as ISKRA agent, USSR, 14837
- Livestock:
- commercial farms, costs and returns, Bluegrass area, Ky., 14531
  - industry, organization and competition, 15214
  - ranches, western, 1965, costs and returns, 14529
  - report, 1866-1966, development and progress, 15378
  - water provided by rain traps, 14133
- Living conditions, *see* Cost and standard of living.
- Lloyd, Dallas, arms control and disarmament, studies in progress, etc., 15336
- Load (mechanics):
- in-plane and axial eigenvalue problem for beams and rectangular plates, 15056
  - pneumatic separator gives quick release to heavy loads, 15093
  - time-dependent loading, axisymmetric response of cylindrical and hemispherical sheets, 15069
- Load Lines, International Convention on, *see* International Convention on Load Lines.
- Loaders (mechanical):
- universal transloader moves delicate equipment without stress, 15114
- Loading, *see* Load (mechanics).
- Loans:
- Farmers Home Administration, on leased lands in Hawaii, authorize, report, 14398
  - Federal Housing Administration, financing for home purchases and home improvements, consumer bulletin, 14629
  - home mortgage, in rural areas through Voluntary Home Mortgage Credit Program, 14535
  - public works and economic development act, broaden coverage, hearings, 14438 *see also* Mortgages.
- Lockwood, Vernard E., pitch-up on supersonic transport model with variable-sweep wing, 15160
- Logic (symbolic and mathematical):
- low power nanosecond pulse and logic circuits using tunnel diodes, 15168
- Logistics, machining data, AMC pamphlet, 14209
- Logs, overruns, southern yellow pine, 14708
- London, England, U.S. trade center, 14783
- Long Island National Wetlands-Recreation Area, establish, hearings, 14432
- Long live victory of people's war, article by Chinese People's Republic Minister of Defense Lin Piao, 14690
- LSD-25, *see* Lysergic acid diethylamide.
- Lubricants, farmers tax credit, 14775
- Lubricating oil, *see* Lubricants.
- Lumb, Dale R., error rate reduction of parity checked telemetry data by likelihood deletion strategy, 15181
- Luminescence, electroluminescent instrument panels, legibility, 15095
- Lunar:
- NOTE.—For other subjects beginning Lunar, *see* Moon.
  - Lunar charts and mosaic series, U.S.A.F., 14179-182, 14186-187
- Lux, Fred E., length-weight relation of summer flounder, 14675
- Lyles, Charles H., fishery statistics of United States, 14678
- Lymph, pericapillary space, dynamics of capillaries and existence of plasma flow, 15146
- Lynde, Harold W., Jr., cobalt, 15001
- Lysergic acid diethylamide, Soviet reports on LSD, 14880

M

- MacArthur, Douglas:
- campaigns in the Pacific, 14220
  - reports, 14220
- McArthur, J'Wayne, feasibility of establishing alfalfa dehydrating plants in Northwest resource conservation and development project areas, 14542
- McCafferty, James A., persons under supervision of Federal probation system, 14098
- McColloch, Lacy P., chilling injury of eggplant fruits, 14140
- McCoy, Ernest E., Jr., improved Carlson stress meter, 14576
- McDannels, David L., electrical resistivity and conductivity of tungsten-fiber-reinforced copper composites, 15183

- Machinery, electrical discharge machining of high-strength metals and alloys, USSR studies, 14832  
*see also* subjects for which machinery is used.
- Machining:  
 operations, AMC pamphlet, 14209  
 precision, new physical and chemical methods, USSR study, cancellation, 14789
- Machinists, *see* Aviation machinists.
- McIntire-Stennis act, *see* Forests and forestry.
- McKinney, John R., relief, 14367
- MacNeal, Richard H., use of filament wound toroids as pneumatic shock absorbers, 15071
- Maderak, M. L., sedimentation and chemical quality of surface water in Heart River drainage basin, N. Dak., 14755
- Maglieri, Domenic J., experiments on effects of atmospheric refraction and airplane accelerations on sonic-boom ground-pressure patterns, 15152
- Magnesium, compounds, minerals yearbook chapter, 15013
- Magnetic bottles, *see* Stellarators.
- Magnetic fields:  
 dc to dc converter eliminates large stray magnetic fields, 15106  
 influence on central nervous system, USSR study, 14823  
 outside perfect rectangular conductors, 15177
- Magnetic materials:  
 temperature effects on maximum induction, instrument system for determination, 15175  
 transportation of magnetized materials  
 Federal aviation regulations, change, 14608
- Magnetohydrodynamics, hydromagnetic wave propagation near 1 c/s upper atmosphere, 15211
- Mahlstede, J. P., application of granular herbicides to ornamental plant materials in nurseries, 14103
- Mail matter, transportation by regulated motor carrier, hearing, 14436
- Maine:  
 census of manufactures, 1963, manufacturing plants, location by county, industry, and employment size, 14254  
 county business patterns, 14264
- Maintenance:  
 aircraft, maintenance, preventive maintenance, etc., Federal aviation regulations, change, 14600  
 combat vehicles, Army Dept., GAO review, 14736
- Malathlon, drying trays treated to protect raisins from insects, 14111
- Mamay, Sergius H., *Tinsleva*, new genus of seed-bearing callipterid plants, 14752
- Mammals, aquatic, morphological features, USSR study, 14921
- Man, coordination of motor and vegetative functions during muscular activity, USSR studies, 14824  
*see also* Anthropometry.
- Man-hours, *see* Labor.
- Man-machine system, visual feedback loop, effects of time delay, 15063
- Manifolds, brazing retort design concept may minimize air contamination and enhance uniform gas flow, 15101
- Manned Space Flight Office:  
 Apollo program, structural systems and program decisions, 15088  
 errata, 15087
- Manners and customs, Negro in the West, social and economic conditions, 14983
- Manpower:  
 automation research monograph, 14961  
 USSR, trends, etc., 14372
- Manuals, *see* names of departments, etc., issuing manuals—*also* subjects.
- Manufactures and manufacturers:  
 annual survey of manufactures, 14249  
 census, 1963—  
   area statistics, 14250-253  
   special reports, 14254-260  
   general statistics, 1964, divisions and States, 14249  
 manufacturers part and drawing systems, Defense Dept. handbook, 14514  
 plants, location by county, industry, and employment size, 1963 census—  
   East North Central division, 14256  
   East South Central division, 14259  
   Middle Atlantic Division, 14255  
   New England division, 14254  
   Rocky Mountain States, 14260  
   South Atlantic division, 14258  
   West North Central Division, 14257  
*see also* names of manufactured articles.
- Maps and charts:  
 accuracy of geodetic measurements in geological survey operations, pro and con, USSR study, 14907  
 International Indian Ocean Expedition cruises, track charts, 15232  
 lunar charts—  
   AIC 60C, Arago, 14180  
   AIC 61D, Maskelyne D, 14181  
   AIC 79A, Capella, 14182  
   LAC 98, Petavius, 14179  
   RLC 6, Hypatia, 14186  
   RLC 7-9, Sabine, 14186  
   RLC 13, Ptolemaeus, 14187  
   RLC 14-17, Alphonsus, 14187
- Marek, Czeslawa, *see* Piotrowski, Maria A.
- Marengo County, Ala., land held by B. A. Cogle, adjudicate claim, 14365
- Marine aids, *see* Navigation.
- Marine Corps, materials handling equipment and commercial-design trucks, potential savings through improvement in management, GAO report, 14732
- Marine Corps Reserve, history, 1st 50 years, 14987
- Marine engineering, regulations and material specifications, 14316
- Marketing, *see* Markets and marketing.
- Markets and marketing:  
 Africa, market profiles, 14323  
 economics research publications, reference list, 14534  
 export marketing for small firms, manual, 15323  
 facts for marketers, South Atlantic region, standard metropolitan statistical areas, 14246  
 marketing and regional development (paper), 14322  
 marketing bulletin, 14139  
 marketing research reports, 14140-144  
*see also* names or classes of commodities, etc., marketed.
- Marking, Leif L., evaluation of p.p'-DDT as reference toxicant in bioassays, 14674
- Marking, registration, aircraft and related products, Federal aviation regulations, change, 14601
- Mars (planet):  
 entry vehicle damper, conceptual design, 15042
- Marxism, *see* Communism.
- Maryland, census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258
- Masers, bibliography, 15089
- Maskelyne D, AIC 61D, lunar chart, 14181
- Mass spectrometers, *see* Spectrometers.
- Massachusetts:  
 bus taxation proration compact, consent of Congress, report, 14453  
 census of manufactures, 1963, manufacturing plants, location by county, industry, and employment, size, 14254  
 county business patterns, 14265



# INDEX

- Masts and rigging, rigging cargo gear, 14965  
 Mat de totem des Indiens Haida, Saxman, Etat d'Alaska, 15407
- Materials:  
 electronic treatment, USSR study, 14918  
 impact- and puncture-resistant material protects parts from damage, 15105  
 packaging, flexible, transparent, 15208  
*see also* Composite materials.
- Materials handling, equipment, potential savings through improvement in management, Marine Corps, GAO report, 14732
- Mateyka, David T., commercial egg-producing farms, New Jersey, 14532
- Mathematicians, examination announcement, 14302
- Mathematics:  
 economic-mathematical methods applied to economy, USSR study, 14855  
 minimax control of large launch boosters, 15053  
 minimax studies, 15054  
 root locus diagrams by digital computer, 15059  
 Yefimov, Nikolay V., Lenin prize winner, 14881  
*see also* Calculus—Equations.
- Mather, J. Warren, supply cooperatives, 14589
- Matthews, Earle D., soil survey, Somerset County, Md., 15335
- Matzke, Lourdes S. (Delotavo): relief, 14356
- May, Timothy C., perlite, 15020
- Meanley, Brooke, selected bibliography on red-winged blackbird, life history, etc., 14077
- Measurements, *see* subject of measurement.
- Meat, industry organization and competition, 15214
- Mechanical and physical hazards series, 14965
- Mechanics (persons):  
 automobile, apprenticeship and training standards, 14201  
 certificates, knowledge, experience and skill requirements, Federal aviation regulations, change, 14604
- Medical care, public assistance, vendor payment by type of service, tables, 14587
- Medical certificates, airmen, physical standards, Federal aviation regulations, change, 14605
- Medical Department, Navy, manuals, 14989-990
- Medical facilities, *see* Hospitals.
- Medical industry (USSR periodical): translation, 14889
- Medical Nutrition Laboratory, *see* Army Medical Research and Nutrition Laboratory.
- Medical radiology, *see* Radiology.
- Medical records, fees for abstracts furnished by PHS to private parties, GAO report, 14727
- Medical research, *see* Medicine.
- Medical schools, scientific activity of practicing physicians in medical higher educational institutes, USSR study, 14793
- Medical supplies, administrative aspects of hospital central medical supply services, 15282
- Medicine:  
 aeromedical reviews, 14188-189  
 aerospace, all-Union conference, USSR, 14945  
 aerospace, bibliography, 15090  
 arctic biology and medicine symposia, proceedings, 14185  
 aviation medical report AM series, 14243  
 bibliographies, medical translations, 15219  
 clinical (USSR periodical), translations, 14827  
 group practice facilities, financial assistance for constructing and equipping, report, 14388
- Medicine—Continued  
 medical rehabilitation, Public Health Service, new program, 15287  
 medical research program 1965, Veterans Administration, synopsis, 15413  
 preventive medicine manual, 14997  
 School of Aerospace Medicine, technical reports, 14190-196  
 Space Medicine Advisory Group, orbiting research laboratory, medical aspects, study, 15079
- Medicine men:  
 Shoshone tribe, Thermoplis, Wyo., colored poster, with—  
 French text, 15410  
 Spanish text, 15409
- Mediterranean Sea:  
 radio navigational aids, change, 15238  
 sailing directions, changes, 15234-235
- Meeves, Henry C., nonpegmatitic beryllium occurrences in Arizona, Colorado, New Mexico, Utah, and 4 adjacent States, 15029
- Membranes, biologic, solute and water transport across, 14774
- Mental health:  
 career development program, conference proceedings, 15295  
 research grant awards, Public Health Service 1965 funds, 15288
- Mental institutions, *see* Hospitals.
- Mental retardation, conference Hill-Burton and mental retardation construction authorities with Surgeon General, 1965, proceedings, 15283
- Mentally ill, psychiatric patients, admittance to general hospital, survey, 15303
- Mentally retarded:  
 care and rehabilitation, occupations, 14569  
 children, social security benefits, 15329  
 vision and hearing screening classes, Detroit, Mich., 14283
- Merchant marine:  
 act of 1936, amend—  
 hearing, 14431  
 report, 14402  
 act of 1966, amendments, report, 14457  
 maritime matters, NS Savannah, executive agreements waiving sovereign immunity and limitation of shipowner's liability, opinion of Attorney General, 14959
- Merchant Marine and Fisheries Committee, House, hearings, 14431-433
- Mercury:  
 calibration of rotating piston deadweight gage by means of mercury column, 15025  
 nonwetting, condensation pressure drop in uniformly tapered tube in 1-g and zero-gravity environments, errata, 15134  
 vapor, in constant-diameter tube in 1-g and zero-gravity environments, pressure-drop investigation of nonwetting, condensing flow, errata, 15133
- Merritt, James H., pharmacology and toxicology of propellant fuels, boron hydrides, 14188
- Messes:  
 ashore, Navy manual, change, 15247  
 open mess management handbook, AMC pamphlet, 14208
- Metal mines and mining, services, census of mineral industries, 1963, industry statistics, 14261
- Metallurgists, examination announcement, 14302
- Metals:  
 friction characteristics of aluminum oxide in contact with various metals in vacuum, 15185  
 duplex refractory metal thermionic emitters, diffusion and electron emission properties, 15044  
 high-strength, electrical discharge machining, USSR studies, 14832

## Metals—Continued

- liquid uranium, metal, and carbon systems, vaporization, 15076
- minor, minerals yearbook chapter, 15018
- rolling, USSR technology, 14946
- Meteorologists, examination announcement, 14299
- Meteorology:
  - ESSA 1 television cloud photography, catalogue, 14580
  - high-level mesovortex, characteristics, USSR study, 14875
  - probable maximum flood on Yukon River above Rampart, Alaska, 15420
  - records documentation, 14579-580
  - Soviet literature, recent, 14870
  - Soviet news, 14871
  - TIROS VIII television cloud photography, catalogue, 14579
  - see also* Hydrometeorology.
- Meters, *see* names and types of meters, or substance, etc., measured.
- Metropolitan areas, *see* Cities and towns.
- Mexico, Chamizal boundary, construct border highway, report, 14390
- Mexico, Gulf of, current measurements with EMIT in Gulf Stream region, USSR study, 14800
- Meyer, Fred P., parasite of catfishes, 14652
- Meyer, Gerald, regional trends in water-well drilling in United States, 14750
- Michelson, Irving, comparative method for studying costs of air pollution, 15275
- Michigan, manufacturing plants, location by county, industry, and employment size, 1963 census, 14256
- Michigan, Lake, small craft, gale and whole gale warning facilities chart, 15424
- Michigan National Bank, branch offices, establishment and operation, hearing, 14475
- Micromechanics, composite materials, stresses and failure mechanisms induced by inclusions, 15073
- Micropulsations, Pc 1, properties and interpretations, 15211
- Microwave filters, composite filter steepens rejection slopes, 15123
- Middle Atlantic States, *see* Atlantic States.
- Migrant labor:
  - migrant worker programs in rural community action, general information, 14528
  - problem in U.S., report, 14468
- Migratory birds, *see* Game and game birds.
- Migratory workers, *see* Migrant labor.
- Milan, Italy, U.S. trade center, 14783
- Military aid:
  - agreement with—
    - Japan, 15350
    - Paraguay, 15359
  - military assistance and sales act of 1966, hearings, 14419
- Military assistance, *see* Military aid.
- Military construction, *see* Installations (military).
- Military hospitals, design of Army medical facilities, Army technical manual, change, 14224
- Military index, Defense Dept., specifications and standards, 14519
- Military missions, agreement with Costa Rica, 15351
- Military operations of Civil War, guide-index to official records of Union and Confederate Armies, 1861-65, introduction, 14313
- Military supplies:
  - Defense Dept.—
    - specifications and standards, index, 14519
    - standardization documents, supply classification listing, 14517

## Military supplies—Continued

- interservice action needed when management policies and practices differ for similar supply items, Defense Dept., GAO report, 14726
- MILSTRIP, military standard requisitioning and issue procedures, change, 14520
- Milk:
  - and milk products, fabrication of single service containers and closures, sanitation standards guide, 15278
  - bulk cooling tanks on farms supplying Federal milk order markets, 14509
  - Federal orders, market sources by State and county, 14511
  - fluid packaged, sale in Federal milk order markets by size and type of containers, 14507
  - pasteurization, equipment testing procedures, 15298
- Milk tanks, *see* Tanks.
- Miller, Ann R., Interagency Committee on Occupational Classification, Budget Bureau, collection and classification procedures and plans for future work, progress report, 14245
- Miller, Edward F., design equations of swept frequency spectrum analyzers for in-flight vibration analysis, 15196
- Miller, G. Kimball, jr., visual simulation of lunar orbit establishment using simplified guidance technique, 15154
- Miller, Max J., blade element performance of axial-flow pump rotor with blade tip diffusion factor of 0.66, 15191
- Miller, William C., boron, 15000
- MILSTRIP, military standard requisitioning and issue procedures, 14520
- Minerals:
  - industries, census, 1963 industry statistics, 14261-262
- Industry—
  - Alabama, water used in 1962, 15033
  - minerals yearbook chapter—
    - Albania, 15014
    - Iraq, 15015
    - Israel, 15016
    - Jordan, 15017
  - resources, Sycamore Canyon primitive area, Ariz., 14747
- Mines and mining, *see* names of metals and minerals mined.
- Mines Bureau:
  - information circulars, 15010-12
  - report of investigations, 15021-31
- Mingo National Wildlife Refuge, general information, 14659
- Minimax technique, *see* Mathematics.
- Minimum wages, *see* Wages.
- Ministers of religion, *see* Clergy.
- Minnesota:
  - aspen and projected supply, 14703
  - manufacturing plants, location by county, industry, and employment size, 1963 census, 14257
- Miscellaneous publications, *see* names of departments, etc., issuing publications.
- Missiles, guided, principles, Navy training text, 15248
- Missions, *see* Military missions.
- Mississippi, manufacturing plants, location by county, industry, and employment size, 1963 census, 14259
- Mississippi River and Valley, surface water quality, upper basin, 14756
- Missouri, manufacturing plants, location by county, industry, and employment size, 1963 census, 14257
- Missouri River and Valley:
  - basin development, Interior Department program, 14755
  - surface water quality of basin, 14756
- Mohammedanism, Soviet critique on Islam, 14947
- Moisture, content of hardwood pallets, effect on performance, 14714



# INDEX

- Moldavian Soviet Socialist Republic, decline of Judaism, 14867
- Molecules, molecular band systems found in air, spectral distribution functions, 15060
- Molybdenum:  
cesium with fluorine, desorption kinetics, 15187  
minerals yearbook chapter, 15019
- Money:  
dollar savings possible through expanded use of foreign currencies to transport personal effects abroad, State Dept. and other Government agencies, GAO report, 14728  
monetary policy and allocation of commercial bank credit (remarks), 14637  
recent credit and monetary developments, 14638  
*see also* Public funds.
- Mongolia, coal industry, USSR study, 14865
- Monitoring:  
cardiovascular, NASA contributions, 15084  
solid state detectors monitor relay contacts, 15126  
system monitors discrete computer inputs, 15119
- Monkeys, *Macaca mulatta*, postirradiation creatinuria, 14190
- Monographs, *see* names of departments, etc., issuing monographs—*also* subjects.
- Montana:  
Indians, general information, 14765  
manufacturing plants, location by county, industry, and employment size, 1963 census, 14260
- Montauk Point, N.Y. to Manasquan, N.J., coastal warning facilities chart, 15419
- Montellus, Marjorie, working with groups, guide for administration of group services in public welfare, 14588
- Mook, Paul V., heart rots of balsam fir, 14695
- Moon:  
lunar charts—  
AIC 60C, Arago, 14180  
AIC 61D, Maskelyne D. 14181  
AIC 79A, Capella, 14182  
LAC 98, Petavius, 14179  
RLC 6, Hypatia, 14186  
RLC 7-9, Sabine, 14186  
RLC 13, Ptolemaeus, 14187  
RLC 14-17, Alphonseus, 14187  
visual simulation of ability of pilot to establish using simplified guidance technique, 15154  
lunar structures as deduced from Muong Nong tektites, 15172
- Moore, Billy J., analyses of natural gas of United States, 15011
- Moore, J. Cordell, remarks, Sept. 8, 1966, 14769
- Morbidity, *see* Diseases of animals.
- Morning, John L., molybdenum, 15019
- Morphology:  
aquatic mammals, USSR study, 14921  
normal and pathological, Rumanian national conference on problems, 14842  
problems, USSR study, 14825
- Mortgage insurance:  
FHA home financing for home purchases and home improvements, consumer bulletin, 14629  
FHA value costs and maximum amounts, 14630  
group medical and dental practice facilities, constructing and equipping, report, 14388
- Mortgages:  
farm, lending experience of life insurance companies, 14547  
nonfarm, investments of life insurance companies, 1965, 14628  
*see also* Loans.
- Motion pictures:  
fire safety films, list, 14741  
fishery, for TV, etc., 14655  
Public Health Service film catalog, 15299
- Motion sickness:  
etiology, management, etc., 14189  
pilots and nonpilots, speed of recovery from coriolls stimulation, 14194
- Motor carriers, mail transportation, hearings, 14436
- Motor fuel, *see* Gasoline.
- Motor functions, coordination in man during muscular activity, USSR studies, 14824
- Motor vehicles:  
Armed Forces members, transportation at Government expense, amend U.S. Code, hearing, 14409  
combat vehicles, maintenance, Army Dept., GAO review, 14736  
replacement and procurement program, Post Office Dept., GAO review, 14738  
safety standards, establish, report, 14391  
Tariff Commission report to Automotive Agreement Adjustment Assistance Board in case pertaining to Fram Corporation, 15387
- Motorbuses, interstate, proration compact, Massachusetts, consent of Congress, report, 14453
- Motortrucks, commercial-design, potential savings through improvement in management, Marine Corps, GAO report, 14732
- Moulds, Donald E., antimony, 14999
- Mount Edgecumbe, Alaska, charges for Government-owned quarters, by Public Health Service, GAO review, 14735
- Mount Vernon Memorial Highway, *see* George Washington Memorial Parkway.
- Mountain States, *see* Rocky Mountain States.
- Mourning doves, hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations governing, 14673
- Moving, *see* Transportation.
- Mucaca mulatta, *see* Monkeys.
- Muong Nong tektites, *see* Tektites.
- Murphy, Robert T., remarks, Sept. 20, 1966, 14286
- Muscles:  
coordination of motor and vegetative functions in man during muscular activity, USSR studies, 14824  
somatic fibers, spread of injury in, USSR study, 14932
- Muskegon, Mich., area wage survey, metropolitan area, 14972
- Muskegon Heights, Mich., area wage survey, metropolitan area, 14972
- Mutual assistance, *see* Military aid.
- Mutual defense, *see* Military aid.
- N**
- N.A.S.A., *see* National Aeronautics and Space Administration.
- N.A.T.O., *see* North Atlantic Treaty Organization.
- N.B.S., *see* National Bureau of Standards.
- N.R.A.B., *see* National Railroad Adjustment Board.
- N.R.L., *see* Naval Research Laboratory.
- Nace, Raymond L., remarks, Aug. 25, 1966, 14753
- Nagel, A. L., hypersonic pressure and heat transfer tests on delta wings, 15047
- Narcotics, traffic, 15035
- NASA, *see* National Aeronautics and Space Administration.
- NASA EP series, 15078
- NASA SP series, 15079-91
- NASA tech briefs, 15082-129  
index, 15083



- National Aeronautics and Space Administration:  
contractor reports CR (series), 15037-77  
contributions to cardiovascular monitoring, 15084  
EP series, 15078  
SP series, 15079-91  
tech briefs, 15092-129  
index, 15083  
technical memorandum, 15130  
technical notes, 15131-201  
technical report, 15202  
technical translation, 15203
- National Agricultural Library, library list (series), 15204-205
- National Bureau of Standards:  
monographs, 15206-207  
research and development, review of Government reports, 15208  
technical notes, 15209-211
- National Cancer Institute, monograph, 15289
- National Capital, *see* Capital of United States.
- National Capital Regional Planning Council:  
abolish, hearing, 14425  
regional development guide, 15213
- National Commission on Food Marketing, technical study series, 15215-218
- National Data Center, establish, proposal, hearings, 14422
- National defense:  
agreement with Paraguay, 15359  
airline strike impact on defense posture, hearing, 14411  
reduced defense spending, community adjustment, 14207  
United States policies in 1965, 14380  
*see also* Civilian defense.
- National forests, timber sale accomplishments, 14697
- National health survey, vital and health statistics, 15306-310
- National Institute of Mental Health, student research stipend program in social work, survey, 15290
- National Institutes of Health:  
almanac, 15291  
career in administration, 15273  
research profile, 15301
- National Labor Relations Board, appropriations, 1967, hearings, 14472
- National Mediation Board, appropriations, 1967, hearings, 14472
- National Motor Vehicle Safety Advisory Council, create, report, 14391
- National Oceanographic Data Center, publications, 15231-232
- National Railroad Adjustment Board, awards, 15226-228
- National Science Foundation, current research and development in scientific documentation, bibliography, 15320
- National security:  
management review, 14786  
security violations don't just happen, they are caused! poster, 14523
- National Security Seminar, 1966-67 presentation outlines and reading list, 14787
- National service life insurance, *see* Life insurance.
- National Severe Storms Laboratory report (series), 15421
- National Teacher Corps, guidelines, 14555
- National Traffic Safety Agency, establish, report, 14391
- National union catalog, Library of Congress, register of additional locations, 14986
- National Water Commission, establish, report, 14392
- Nationality, immigration and nationality act, amend, hearings, 14430, 14496
- NATO, *see* North Atlantic Treaty Organization.
- Natural gas, *see* Gas.
- Natural resources:  
conservation, teaching in elementary schools, outline, 14147  
new concept of soil and water conservation movement (address), 14123  
resource bulletins, 14717-720  
resource publication (series), 14674
- Naval Academy, Annapolis, John Paul Jones, commemoration at Annapolis, Apr. 24, 1906, 15240
- Naval aviation, *see* Aeronautics.
- Naval education, Navy training courses, 15241-243
- Naval Oceanographic Office:  
publications series, 15233-239  
report, 15230  
special publication SP series, 15239
- Naval Research Laboratory, report series, 15252
- Naval Submarine Medical Center, reports, 14991-996
- Naval Training Device Center, Port Washington, technical reports, 15250-251
- Naval vessels, *see* Ships.
- Navigation:  
aids, Coast Guard list, Pacific Coast and Pacific Islands, 14315  
radio aids, Atlantic and Mediterranean area, change, 15238
- Navigator (interplanetary) missions, electric propulsion study, 15066
- NAVTRADEVCEEN, *see* Naval Training Device Center, Port Washington.
- Navy:  
dental administration, manual, change, 15245  
messes, ashore, manual, changes, 15247
- Navy training courses, *see* Naval education.
- NBS, *see* National Bureau of Standards.
- Near-drowning, pathophysiology and treatment, 14996
- Near East, *see* East (Near East).
- Nebraska, manufacturing plants, location by county, industry, and employment size, 1963 census, 14257
- Nectarines, production, use, value, 1964-65 by States, 15379
- Negroes:  
children, quest for equality, story of how 6 institutions opened their doors, 14282 in the West—  
consumers, 14983  
social and economic conditions, 14983  
White House Conference, To Fulfill These Rights, report, 15429
- Neighborhood Youth Corps, amendments to economic opportunity act, hearings, 14498
- Nelson, Howard D., malathion-treated drying trays to protect raisins from insects, 14111
- Nepheline syenite, minerals yearbook chapter, 15005
- Nervous system, central, electromagnetic and magnetic fields, influence, USSR study, 14823
- Netterstrom, Ralph W., rigging cargo gear, 14965
- Neuromuscular disorders, progress in research, summary, 15301
- Nevada:  
Cortez district, gold geochemical anomaly, 14751  
manufacturing plants, location by county, industry, and employment size, 1963 census, 14260
- New Crop Research Branch, plant material introduced, 14115
- New England, manufacturing plants, location by county, industry, and employment size, 1963 census, 14254
- New Hampshire, manufacturing plants, location by county, industry, and employment size, 1963 census, 14254

# INDEX

- New Jersey:  
commercial egg-producing farms, 1965, costs and returns, 14532  
manufacturing plants, location by county, industry, and employment size, 1963 census, 14255
- New London, Conn., reduced defense spending, potential impact, 14207
- New Mexico:  
Diamond Creek, Gila trout, ecology, 14679  
Indians, general information, 14766  
manufacturing plants, location by county, industry, and employment size, 1963 census, 14260  
nonpegmatitic beryllium occurrences, 15029  
New Orleans, Battle of, commemorating, Chalmette National Historic Park, 15220  
New York City, area wage survey, metropolitan area, 14977  
New York State:  
manufacturing plants, location by county, industry, and employment size, 1963 census, 14255  
small business procurement, hearings, 14506  
Newcomer, S. J., insect pests of deciduous fruits in West, 14130  
Newfoundland, oceanography of Grand Banks region, 14317  
Newman, Perry A., direct calculation of specific heats, etc., of arbitrary gas mixtures, 15158  
Newport News, Va., area wage survey, metropolitan area, 14974  
News for farmer cooperatives, reprints, 14595  
Nichols, Vernon M., relief, 14364  
Niobium, columbium-modified NASA TAZ-8 superalloy, investigation, 15188  
Nitrogen:  
arc-heated streams, effect of discontinuities on laminar heat transfer, 15198  
boiling, visual study of velocity and buoyancy effects, 15138  
solid, formed by cryopumping, 15058  
Nitrosalicylanilides and related compounds, relation of chemical structure to fish toxicity, 14674  
Nominations, *see* names of persons.  
Nonappropriated funds, AMC pamphlet, 14208  
Non-glassy inorganic fibers and composites, 15036  
Nonlinear theories, synthesis of nonlinear control laws, USSR study, cancellation, 14790  
Nonpegmatitic beryllium occurrences in Arizona, Colorado, New Mexico, Utah, and 4 adjacent States, 15029  
Norfolk, Va., area wage survey, metropolitan area, 14974  
North America:  
east coast, lights and fog signals, list, change, 15237  
geology, bibliography, 14748  
North Atlantic Treaty Organization:  
crisis in NATO, report, 14418  
Yugoslav analysis in relation to Warsaw Pact, 14812  
North Carolina, manufacturing plants, location by county, industry, and employment size, 1963 census, 14258  
North Cascades National Park, establish, hearings, 14488  
North central region, *see* Central States.  
North Dakota:  
central, performance of 7 seed sources of blue spruce, 14704  
Indians, general information, 14763  
manufacturing plants, location by county, industry, and employment size, 1963 census, 14257  
Northwest (U.S.):  
commercial wheat farms, 1965 costs and returns, 14530  
Indians, general information, 14767  
water resources, annual peak discharge at selected gaging stations, 1965-66, 14745  
Northwest Shellfish Sanitation Research Planning Conference, 1965 proceedings, 15276  
Norway, air transport services, agreement, 15365  
Norwich, Conn., reduced defense spending, potential impact, 14207  
Nose (aircraft):  
stagnation and static pressures on nose-mounted 15° conical probe, 15155  
Nozzles:  
conical, analysis of supersonic flow phenomena by method of characteristics, 15164  
rockets, large area ratio, performance of Apollo storable propellants, 15173  
NPS national prisoner statistics series, 15263  
NRAR, *see* National Railroad Adjustment Board.  
NRL, *see* Naval Research Laboratory.  
NSLI, *see* Life insurance.  
Nuclear physics, nuclear installation at Rumanian Atomic Physics Institute, 14841  
Nuclear powered ships:  
NS Savannah, executive agreements waiving sovereign immunity and limitation of shipowner's liability, opinion of Attorney General, 14959  
personnel, ionizing radiation effects on eyes, 14991  
Nuclear science, series, 14236  
Nuclear weapons, *see* Weapons.  
Nurseries (horticulture):  
application of granular herbicides to ornamental plant materials, 14103  
Nursing homes, employees in nursing and personal care homes, 1964 statistics, 15310  
Nutrition, requirements for survival in cold and at altitude, symposia, proceedings, 14185  
Nutrition Laboratory, *see* Army Medical Research and Nutrition Laboratory.  
Nutrition of plants, *see* Plants.
- O
- O.A.S.I. series, 15327-330  
O.C.S., *see* Officer candidate schools, Army.  
O-rings, *see* Rings.  
Oak Glen, training camp for unemployed youth, 14961  
OASI series, 15327-330  
Obituaries, Kononov, Nikolay V., 14809  
OBR series, 14323-327  
O'Brien, Lawrence F., address, Aug. 29, 1966, 15258  
Occupational Classification, Interagency Committee on, *see* Interagency Committee on Occupational Classification.  
Occupations:  
care and rehabilitation of mentally retarded, 14569  
career opportunities—  
health services, job development and training for workers, 14759  
veterinarians, Agriculture Department, 14145  
factors in job-satisfaction, 14191  
mental health career development program, conference proceedings, 15295  
Ocean:  
CHENS container for lowering liquid dye to any sea depths, USSR study, 14799  
discriminatory freight rates, and balance of payments—  
hearings, 14369  
report, 14370  
freight rates on military cargoes, by U.S. flag vessels reduced, hearings, 14478



## Ocean—Continued

- homogeneous, steady-state wind circulation, USSR study, 14843
- light measurements in study of primary production in sea, USSR study, 14798
- pollution by oil, international convention for prevention, amendments, implementing, report, 14464
- see also* Arctic Ocean.
- Ocean cruises, *see* Cruises.
- Oceania, agricultural situation, midyear review, 14546
- Oceanography:
  - cable length determinations for deep-sea oceanographic operations, 14314
  - Grand Banks region of Newfoundland, 14317
  - Indian Ocean, international expedition cruises, track charts, 15232
  - National Oceanographic Data Center publications, 15231-232
  - oceanographic report, 14317
  - oceanographic terms, glossary, 15239
  - sea grant college and program act, hearing, 14431
  - underwater research, recent developments, USSR study, 14909
- OCS, *see* Officer candidate schools, Army.
- O'Donnell, Patricia M., kinetics of fluorination of iron, 15180
- Odontoceti, *see* Cetacea.
- Odors, community surveys and evaluation (paper), 15274
- Officer candidate schools, Army, become a leader, apply for OCS, 14219
- Officers, *see* Armed Forces—*also* names of services to which officers belong.
- Official records of Union and Confederate Armies, 1861-65, guide-index, introduction, 14313
- Ogives, cylinder, pressure distributions due to 2-dimensional fabrication-type surface roughness at transonic speeds, 15148
- Ohio, manufacturing plants, location by county, industry, and employment size, 1963 census, 14256
- Oil, *see* Petroleum.
- O'Keefe, J. A., lunar structures as deduced from Muong Nong tektites, 15172
- Oklahoma, Osage pasture report, 15375
- Old-age and survivors insurance, OASI series, 15327-330
- Old-age, survivors, and disability insurance farmers and farm workers under, 15332
- Older persons, *see* Aged.
- Olsen, L. P., Genetics Workshop of Society of American Foresters, etc., 14716
- Olympic National Park, revise boundaries, hearings, 14488
- Ontario, Lake, small craft gale and whole gale warning facilities chart, 15423
- Operation SAM, systems analysis module for development of comprehensive Indian health program, 15292
- Ophthalmoscopy, *see* Television ophthalmoscopy.
- Opinions, *see* names of courts, etc., rendering opinions.
- Opium, traffic, 15035
- Optical pyrometers, *see* Pyrometers.
- Optimal control:
  - minimax control of large launch boosters, 15053
  - minimax studies, 15054
- Optimal processes, weight optimization of straight finned radiators, design procedure, 15143
- Optometry, group practice facilities, financial assistance for constructing and equipping, report, 14388
- Orbits:
  - circular and elliptic, finite-thrust escape from and capture into, 15194
  - lunar, visual simulation of ability of pilot to establish, using simplified guidance technique, 15154

## Orbits—Continued

- orbiting radiotelescope, large, preliminary design studies, 15070
- spacecraft, determination with respect to object in known circular orbit, 15150
- Vinti's accurate reference orbit with inclusion of 3d zonal harmonic, computational procedure, 15170
- Orcutt, John C., vapor reheat liquid-liquid heat exchange process, 14772
- Oregon:
  - seed yields of perennial grasses, effect of diuron, 14163
  - western, phormium, anatomical and agroeconomic studies, 14150
- Ores, miscellaneous metal, census of mineral industries, 1963, industry statistics, 14261
- see also* names of metals or minerals.
- Organization of Congress, Special Committee on, Senate, establish, hearing, 14504
- Organophosphorous compounds, antidotes used for intoxications, Rumanian study, 14844
- Osteen, Fred M., relief, 14343
- Osteoarthritis, prevalence in adults by age, etc., 15307
- Otitis media, aerotitis media in submarine recruits, 14992
- OTR series, 15208
- Outdoor recreation, *see* Recreation.
- Outer space:
  - activities in science teaching related to, 15036
  - astronomy, 1958-64, significant achievements, 15080
  - orbiting research laboratory, medical aspects, Space Medicine Advisory Group study, 15079
  - USSR program, developments, 14885
- Output, *see* Production.
- Overlearning, *see* Learning.
- Overruns (logs):
  - southern yellow pine, 14708
- Overseas business reports, 14323-327
- Overstreet, John M., ESSA world, 14578
- Ownership, *see* Property.
- Oximes, spasmodic action, Rumanian study, 14813
- Oxygen:
  - alkane-oxygen mixtures, detonation initiation, 15031
  - determination in potassium, accuracy of methods, 15135
  - flight type partial pressure sensor, 15046
  - liquid, composite gaskets compatible, 15125
- Oyster Bay, coastal wetlands, protect, etc., hearings, 14432

## P

- P.A. reports, 14583-584
- P.R.L., *see* Personnel Research Laboratory.
- PA series, 14147-149
- Pacific area, southwest, MacArthur's campaigns in the Pacific, 14220
- Pacific Coast, light list, 14315
- Pacific Islands, light list, 14315
- Pacific Northwest, *see* Northwest (U.S.).
- Packaging, materials, flexible, transparent, 15208
- Packers, *see* Packing industry.
- Packing industry, packers and stockyards act, what it is, how it operates, 14148
- Painters, automobile, apprenticeship and training standards, 14201
- Paintings, Army history in Executive Corridor, Pentagon, 14213
- Pakistan, agricultural commodities, agreement, 15358
- Paleontology, contributions to paleontology (series), 14752
- Pallets (materials handling):
  - hardwood, performance, effect of initial moisture content on, 14714



# INDEX

Pamphlets, *see* names of departments, etc.,  
issuing pamphlets.

Panama Canal:  
Isthmian Canal, policy questions, Canal  
Zone, Panama Canal sovereignty, moder-  
nization, new canal, compilations of  
addresses, print additional copies, re-  
port, 14462  
vessel tonnage measurement, customs reg-  
ulations, 14513

Panels (aircraft):  
flutter of multiple-streamwise bay rec-  
tangular panels at low supersonic Mach  
number, 15050

Panels and paneling:  
legibility of electroluminescent instrum-  
ent panels, 15095  
sandwich panels, vibrational character-  
istics in reduced-pressure environment,  
15163

Paper, bamboo, papermaking characteristics,  
14164

Paraboloids, thermal distortions of thin-  
walled paraboloidal shells, 15161

Parachutes, lofts, Federal aviation regula-  
tions, 14615

Paraffins, alkane-oxygen mixtures, detona-  
tion initiation, 15031

Paraguay, military assistance, agreement,  
15359

Paralichthys dentatus, *see* Flounders.

Parallel line raster eliminates ambiguities  
in reading timing of pulses, etc., 15116

Parameters:  
electrical, of precision, coaxial, air-dielec-  
tric transmission lines, errata, 15207  
flight, and vehicle performance for Project  
Fire flight II, 15176  
system performance, human transfer func-  
tions used to predict, 15109

Parasites, freshwater fishes, 14652

Parawings, *see* Wings (aircraft).

Parcel post, *see* Postage.

Parents, of mentally retarded child, social  
security, what it means, 15329

Paret, Peter, innovation and reform in war-  
fare, 14166

Parker, John G., zirconium and hafnium,  
15034

Parker, R. E., cherry firmness and its rela-  
tionship to pitter loss, 14105

Parolees, under supervision of Federal proba-  
tion system, 14098

Particles, atmospheric, settling rate, USSR  
study, 14911

Passenger vessels, *see* Ships.

Passey, George E., perceptual-psychomotor  
tests in aircrew selection, historical review  
and advanced concepts, 14184

Passports, application requirements, care,  
etc., 15339

Pasteurization, milk, equipment testing pro-  
cedures, 15298

Pasture lands, Kansas and Oklahoma, blue-  
stem and Osage pasture, report, 15375

Patent Office and technological progress (ad-  
dress), 15256

Patents:  
basic facts, information aid for inventors  
15257  
Colombia, protection, laws, etc., 14326  
documentation and dissemination prob-  
lems (address), 15256  
*see also* Inventions.

Pathologist, forest and forest products, ex-  
amination announcement, 14307

Patients, surgical bill paid by insurance,  
proportion, 15306

Paull, Stephen, low power nanosecond pulse  
and logic circuits using tunnel diodes,  
15163

Payroll savings, *see* Savings bonds.

PCM (pulse code modulation) telemetry, *see*  
Telemetry.

Peace:  
food for peace—  
act of 1966, report, 14467  
activities under Public law 480, 14383

Peace Corps, act, amend, Ramseyer rule  
print, 14420

Peaches, production, use, value, 1964-65 by  
States, 15379

Pearcy, G. Etzel, geographic aspects of  
struggle in Vietnam, 15340

Pears, production, use, value, 1964-65 by  
States, 15379

Peas, canned, shopper's guide, 14149

Pennsylvania, manufacturing plants, loca-  
tion by county, industry, and employment  
size, 1963 census, 14255

Pensions:  
private plans—  
benefits, 14978  
hearings, 14373  
trusts, tax exemption, procedures and  
qualification under internal revenue  
code, 14779  
welfare and pension plans disclosure act  
regulations and interpretative bulletins,  
14963  
*see also* Civil service pensions.

Pentagon Building, Army history, painting  
exhibit in Executive Corridor, 14213

Perception, visual detection of point source  
targets, 15065

Perceptron, synthesis and application, USSR  
studies, 14916

Perceptual-motor performance, *see* Ability.

Perennials:  
flowering, growing, 14138  
grasses, effect of diuron on seed yields,  
14163

Performance study of DEWline ice cap sta-  
tions, Greenland, 14211

Perlite, minerals yearbook chapter, 15020

Permeability, two- and 3-phase relative stud-  
ies, 15027

Permian period, new genus of seed-bearing  
callipterid plants from Permian of north-  
central Texas, 14752

Permits, *see* classes of persons to whom, or  
subjects for which, permits are issued.

Persimmons, production, use, value, 1964-65  
by States, 15379

Personal property:  
dollar savings possible through expanded  
use of foreign currencies to transport  
personal effects abroad, State Dept., and  
other Government agencies, GAO re-  
port, 14728  
surplus, classes sold by Defense Dept.,  
14515

Personnel management, *see* Administrative  
management.

Personnel Research Laboratory:  
research reports, abstracts, 14183  
technical reports, 14183-184

Persons under supervision of Federal proba-  
tion system, 14098

Pesticides, cleanup and confirmation of  
identity of pesticide residues by thin layer  
chromatography, 14113

Pests, forest pest leaflets, 14694-696

Petavius, LAC 98, lunar chart, 14179

Peters, I. G., postirradiation creatinuria in  
Macaca mulatta primates, 14190

Petkof, Benjamin:  
diatomite, 15003  
gem stones, 15007

Petroleum:  
industry—  
injury experience, 15004  
technology, Lewis Research Center,  
Conference, report, 15085  
International Convention for Prevention  
of Pollution of Sea by Oil, amendments,  
implementing, report, 14464

## Petroleum—Continued

- Near East, western oil interests, USSR view, 14926  
 statistical information system vital for further development of industry (remarks), 14769  
 Petty, C. M., study of perturbed periodic systems of differential equations, stroboscopic method, 15074  
 Pfeffer, Robert, analysis and correlation of heat-transfer coefficient and friction factor data for dilute gas-solid suspensions, 15192  
 PFM (pulse frequency modulation) telemetry, *see* Telemetry.  
 Pharmacology, propellant fuels, boron hydrides, 14188  
 Phase analysis of cardiac activity, USSR, 14953  
 Philippines, National service life insurance funds, peso payments, hearings, 14443  
 Phillips, Charles W., job development and training workers in health services, 14759  
 Phormium, western Oregon, anatomical and agronomic studies, 14150  
 Phosphorus, organic compounds, inhibited reactivation of cholinesterase, role of metallic complexes in reactivation USSR study, 14943  
 Photo interpretation, *see* Photographic interpretation (military science).  
 Photographic interpretation (military science):  
   team procedures in image interpretation, 14234  
 Photographic paper, domestic, for printing documents and texts, USSR study, 14948  
 Photography, photographically produce small dot patterns of known geometry on surface to be subjected to adhesive bonding tests, *see also* Aerial photography.  
 Photometry, flame, determination of cesium and rubidium, 15023  
 PHS, *see* Public Health Service.  
 Physical fitness, airmen, medical certificates, Federal aviation regulations, change, 14605  
 Physicians, practicing, in medical higher educational institutes, scientific activity, USSR study, 14793  
 Physicists, examination announcement, 14302  
 Physics, combustion and explosion, USSR research, 14958  
   *see also* Plasma.  
 Physiology:  
   electrophysiological investigations of retina, USSR study, 14887  
   learning and overlearning correlates, 15251  
   physiological methods in cosmonautics, USSR study, 14821  
   race car drivers, observations, 15068  
 Piao Lin, *see* Lin Piao.  
 Pickles, standards for grades, 14512  
 Pictures, *see* Paintings.  
 Pigeons, wild, and white-winged doves, hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations, governing, 14673  
 Pigs, *see* Swine.  
 Pike, Clarence E., Far East and Oceania agricultural situation, 14546  
 Pilots and pilotage, *see* Astronauts—Aviators.  
 Pine, southern yellow, log overruns, 14708  
 Piotrowski, Maria A., relief, 14351  
 Piston gages, rotating deadweight, calibration by means of mercury column, 15025  
 Pitch (aircraft):  
   pitch-up on supersonic transport model with high-aspect-ratio variable-sweep wing, 15160

## Planets:

- atmospheres, continuing bibliography, 15091  
 interplanetary missions, finite-thrust escape from and capture into circular and elliptic orbits, 15194  
 navigator study of electric propulsion for unmanned scientific missions, 15066  
 Plankton, general information, 14653  
 Planning (economics), *see* Economic policy—Families.  
 Plants:  
   agricultural, scientific cultivation, Rumanian study, 14917  
   inventory, material received by New Crops Research Branch, 14115  
   ornamental plant materials in nurseries, application of granular herbicides, 14103  
   primary plant nutrients, consumption in United States, 1850-1964, by States 1945-64, 14161  
   quarantine import requirements of England, Scotland, and Wales, 14116  
 Plants (industrial):  
   alfalfa dehydrating plants, feasibility of establishing in Northwest resource conservation, etc., 14542  
   location planning, a look at the labor side, Labor Statistics Bureau publications and studies, list, 14982  
   manufacturing plants, location by county, industry, and employment size, 1963 census—  
     East North Central division, 14256  
     East South Central division, 14259  
     Middle Atlantic division, 14225  
     New England division, 14254  
     Rocky Mountain States, 14260  
     South Atlantic division, 14258  
     West North Central division, 14257  
   *see also* types of industrial plants.  
 Plasma:  
   Apollo sheath, estimates of nonequilibrium ionization phenomenon, 15077  
   argon and argon-hydrogen, reaction of coal, 15030  
   superconducting magnetic bottle for plasma physics experiments, 15186  
 Plasma (blood), *see* Blood.  
 PLASTEC reports, 14521-522  
 Plasticity, soils, plane deformation, 14210  
 Plastics:  
   fiber reinforced thermoplastics, applications, etc., 14521  
   PLASTEC reports, 14521-522  
 Plastics Technical Evaluation Center, PLASTEC reports, 14521-522  
 Plates:  
   blunt-leading-edge, roughness effects on boundary-layer transition, 15149  
   flat, with flap and delta wing, etc., hypersonic pressure and heat transfer tests, 15048  
   rectangular, with linearly varying in-plane and axial load, eigenvalue problem, 15056  
 Plowshare program (civil, industrial, and scientific uses for nuclear explosives):  
   Project Pre-Schooner II, 14237  
   report, 14239  
 Plum Brook reactor, *see* Reactors (atomic).  
 Plums, production, use, value, 1964-65 by States, 15379  
 Pneumatic binary encoder replaces multiple solenoid system, 15104  
 Pneumatic separators, gives quick release to heavy loads, 15093  
 Poddar, Dinesh K., relief, 14339



# INDEX

- Poddar, Girish K., relief, 14339
- Point Reyes National Seashore, land acquisition, clarify and increase authorization hearing, 14489
- Poisons:  
evaluation of p,p'-DDT as reference toxicant in bioassays, 14674  
organophosphorous compounds, antidotes used for intoxications, Rumania study, 14844  
toxic and serological shifts in blood of burned animals, USSR study, 14879  
*see also* names of poisons.
- Poland:  
cotton textiles, trade agreement, 15371  
Warsaw Pact, Yugoslav analysis in relation to NATO, 14812
- Police, District of Columbia, report of President's Commission on Crime in D.C., 15282
- Political activities, *see* Politics.
- Political geography, China, 14808
- Politics:  
employees of community action agencies and VISTA, prevent engaging in pernicious political activities, hearings, 14498  
Indonesia's political history and Oct. 1 coup, Swedish leftist view, 14902  
Pollution of air, *see* Air pollution.  
Pollution of water, *see* Water pollution.  
Polybenzimidazoles, review, 14522  
Polyglucine, treatment of edematous states, USSR study, 14906  
Pomegranates, production, use, value, 1964-65 by States, 15379
- Population:  
crisis, hearings, 14484  
current population reports—  
consumer buying indicators, 14278  
consumer income, series, 14277  
population characteristics, series, 14270-271  
population estimates, series, 14273-276  
technical studies, 14272  
developing countries, keeping food production pace with human reproduction (address), 14129  
farm population, 1965 estimates, 14537  
large metropolitan areas, July 1, 1965, estimates, 14274  
poverty areas, family characteristics, 14272  
United States, estimates, 14273, 14276  
United States, projections of white and nonwhite population to 1985, by age, and sex, 14275  
USSR, policy, etc., 14372
- Population Problems Office, Health, Education, and Welfare Dept., create, hearings, 14484
- Population Problems Office, State Dept., create, hearings, 14484
- Portable lightweight cell provides controlled environment, 15100
- Ports:  
inspection services, costs at ports of entry, report, 14460  
ocean, economic impact, 14988
- Portsmouth, Va., area wage survey, metropolitan area, 14974
- Post Office and Civil Service Committee, House:  
committee print, 14434-435  
hearings, 14436
- Post Office and Civil Service Committee, Senate:  
hearings, 14502  
report, 14465
- Post Office Department:  
motor vehicles, replacement and procurement program, GAO review, 14738  
poster, commemorative stamps, 15259-260
- Postage, revise rates on 4th class mail, hearings, 14502
- Postage stamps:  
commemorative—  
5-cent beautification of America, 15259  
5-cent Johnny Appleseed, 15260  
Marine Corps Reserve stamp, Iwo Jima Memorial (address), 15258
- Postal rates, *see* Postage.
- Postal service:  
employees, salary rates, 14434  
mail transportation by regulated motor carrier, hearing, 14436
- Poste toténico Indio Haida en Saxman, Estado de Alaska, 15406, 15408
- Posters:  
DSA poster series, 14523  
Post Office Department commemorative stamps, 15259-260  
U.S.T.S. colored poster series, 15405-410
- Potassium, oxygen determination, accuracy of methods, 15135
- Potatoes, Irish, utilization, 1965 crop, 15381
- Potomac River and Valley, estuary, water quality, 14749
- Poultry, USDA grades, how to buy, 14139  
*see also* Chickens.
- Poverty:  
antipoverty in District of Columbia, United Planning Organization, investigation, hearing, 14415  
areas, families residing in, population characteristics, 14272  
community development district act of 1966, rural poverty program, hearings, 14403  
economic opportunity act, amendments of 1966, hearings, 14498  
war on poverty, State minimum wage legislation, use as weapon, 15431
- Powders, standard X-ray diffraction patterns, 15206
- Powell, Clemans A., Jr., vibrational characteristics of sandwich panels in reduced-pressure environment, 15163
- Practitioners, working with older people, practitioner and the elderly, practice guide, 15312
- Pratt, James W., proceedings, conference on methodological approaches to population studies in diabetes, 15294
- Precious stones, gem stones, minerals year-book chapter, 15007
- Precipitation, seasonal, synoptic-statistical method for forecasting anomalies, USSR study, 14876
- Pre-Schooner Project, *see* Project Pre-Schooner (field cratering experiment).
- President of United States:  
code of Federal regulations, 14636  
remarks, Aug. 19, 1966, 15261
- President's Commission on Crime in District of Columbia, Metropolitan Police Department, report, 15262
- President's Committee on Employment of the Handicapped, pursuit of happiness, program guide, 14966
- President's reorganization plans, *see* Government reorganization plans.
- Press:  
criticism of Soviet scientific press, 14927  
reports, building rural America, rural areas development, 14597
- Pressure:  
aerodontalgia under hyperbaric conditions, 14995  
and heat transfer, tests on surface roughness elements with laminar and turbulent boundary layers, 15049  
distributions, due to 2-dimensional fabrication-type surface roughness on ogive cylinder at transonic speeds, 15148  
drags, due to 2-dimensional fabrication-type surface roughness on ogive cylinder, 15151



## Pressure—Continued

- drop—
  - condensation of nonwetting mercury in uniformly tapered tube in 1-g and zero-gravity environments, errata, 15134
  - nonwetting, condensing flow of mercury vapor in constant-diameter tube in 1-g and zero-gravity environments, errata, 15133
- flight type oxygen partial pressure sensor, 15046
- flow and pressure field analysis of parallel groove geometry, 15201
- hypersonic, and heat transfer tests—
  - delta wings with laminar and turbulent boundary layers, 15047
  - flat plate with flap and delta wing, etc., 15048
- reduced pressure environment, vibrational characteristics of sandwich panels, 15163
- sonic-boom ground pressure patterns, effects of atmospheric refraction and airplane accelerations, 15152
- stagnation and static, on nose-mounted 15° conical probe, 15155
- supersonic investigation of effects of configuration geometry on pressure-coefficient and section normal-force-coefficient distributions for 2-stage launch vehicle, 15139
- Pressure gages, *see* Ionization gages.
- Pressure transducers, *see* Transducers.
- Pressure vessels, unfired, marine engineering, regulations, 14316
- Price, Harold E., potential roles of super-sonic transport crews, 15064
- Price lists, *see* Government publications.
- Prices:
  - indexes, department store inventories, 14931
  - statistics of Federal Government, 14371
  - trends, Mar. 1966, charts and tables, 14980
  - see also* names of commodities.
- Prisoners, *see* Prisons and prisoners.
- Prisons and prisoners:
  - executions, 1930–65, 15263
  - national prisoner statistics series, 15263
- Privacy, invasions by Government agencies, hearings, 14422
- Private laws, *see* Law.
- Private pension plans, hearings, 14373
- Prizes, *see* Rewards (prizes, etc.).
- PRL, *see* Personnel Research Laboratory.
- Probation, Federal system, persons under supervision, 14098
- Probes, stagnation and static pressures on nose-mounted 15° conical probe with various forebody configurations, 15155
- Processing of counting data, 14236
- Procurement, *see* Government contracts—Government supplies—
  - also* names of subjects procured.
- Production:
  - output, indexes per employee, 1947–64, air transportation industry, 14969
  - primary, in sea, light measurements, USSR study, 14798
  - research report, 14150
  - see also* names or classes of commodities.
- Professional development services, 14290
- Professional paper, Geological Survey, 14752
- Profit sharing, tax exemption, procedures and guides for qualification under internal revenue code, 14779
- Program aid series, 14147–149
- Programmed instruction:
  - interview with Academician A. I. Berg, Chairman, Interdepartmental Scientific Council of Programmed Instruction, USSR, 14791
  - programmed teaching in USSR, 14955

- Project Apollo (man-in-space program):
  - nonequilibrium ionization phenomena in plasma sheath, estimates, 15077
  - rocket performance of Apollo storable propellants in engines with large area ratio nozzles, 15173
  - structural systems and program decisions, 15088
  - errata, 15087
- Project Fire (flight reentry program):
  - flight II, flight parameters and vehicle performance, 15176
- Project listing, Supply and Maintenance Command, 14221
- Project Pre-Schooner (field cratering experiment):
  - subsurface effects measurements, 14237
- Project Sparta (flight reentry program):
  - experiments in Australia, agreement with Australia and United Kingdom, 15348
- Propellants:
  - Apollo storable rocket performance in engines with large area ratio nozzles, 15173
  - hydrogen-fluorine system, comparison of experimental and kinetically limited theoretical performance, 15195
  - see also* Fuel.
- Property:
  - bakery and dairy products companies, 1959–64, ownership changes made, 14539
  - located in Federal areas, permit States to tax, hearings, 14485
  - see also* Personal property—Real estate—Surplus property.
- Propositional calculus, *see* Calculus.
- Propulsion, electric, for unmanned scientific missions, navigator study, 15066
- Protective shelters:
  - fallout—
    - professional development services in planning, etc., new buildings, 14290
    - qualified analysts, national directory, 14289
- Prunes, production, use, value, 1964–65 by States, 15379
- Psychiatric patients, *see* Mentally ill.
- Psychology:
  - alcoholism, psychological aspects, 15428
  - USSR, goals and achievements, 14919
- Psychomotor abilities, *see* Ability.
- Ptolemaeus, RLC 13, lunar chart, 14187
- Public assistance:
  - costs of State and local administration, services, and training, 14586
  - medical care, vendor payments by type of service, tables, 14587
  - programs, progress report on staff development, 1965 fiscal year, 14585
  - public assistance reports, 14583–584
  - welfare research report, 15428
- Public Documents Division:
  - classified list of Government publications, 15264
  - price lists, 15265–266
- Public education, *see* Education.
- Public funds, deposit regulations, Treasury Dept., circular, 15393
- Public health, *see* Health.
- Public Health Service:
  - activities report, fiscal year 1966, 15268
  - charges for Government-owned quarters at Mount Edgecumbe, Alaska, GAO review, 14735
  - cooperative studies, renal disease and hypertension, conferences, proceedings, 15296
  - film catalog, 15299
  - grants and awards, 1965 funds, mental health research, 15288
  - health information leaflets and pamphlets, list, 15286

# INDEX

Public Health Service—Continued  
 medical records, fees for abstracts furnished to private parties, GAO report, 14727  
 medical rehabilitation, new program, 15287  
 regions, interstate carrier water supplies, inventory, 15285  
 Public law 480, *see* Agricultural trade development and assistance act of 1954.  
 Public property, Federal property and administrative services act of 1949, amend, hearing, 14482  
*see also* Surplus property.  
 Public Roads Bureau, labor compliance manual, direct Federal and Federal-aid construction, amdt., 15315  
 Public Roads Committee, House, committee print, 14441  
 Public welfare:  
   group services, working with groups, guide for administration, 14588  
   programs, progress report on staff development, 1965 fiscal year, HEW, 14585  
 Public works:  
   appropriations, 1967, hearings, 14408  
   Engineers Corps, civil works activities, report 1965—  
     departmental edition, 14570  
     document edition, 14379  
   public works and economic development act, amend to broaden coverage, hearings, 14438  
 Public Works Committee, House:  
   hearings, 14437-440  
   report, 14390  
 Public Works Committee, Senate, hearing, 14503  
 Publications, *see* Government publications—  
   also names of departments, etc., issuing publications—*also* subjects.  
 Pulp wood, *see* Wood pulp.  
 Pulse-height analyzers, single channel, operates in subnanosecond range, 15107  
 Pulses:  
   low power nanosecond pulse and logic circuits using tunnel diodes, 15168  
   timing, use of parallel line raster to eliminate ambiguities, 15116  
 Pumping, *see* Cryopumping.  
 Pumps, titanium sublimation, produces ultrahigh vacuum, 15118  
 Purchasing:  
   consumer buying indicators, series, 14278  
   economic order quantity, principle and applications, 14740  
 Purl, Yesh P., anatomical and agronomic studies of phormium in western Oregon, 14150  
 Pursuit of happiness, 14966  
 Pyrometers, optical and ratio, surface temperature measurement, practical aspects, 15193

## Q

QA-IND series, 15417  
 Quarantine, *see* subjects.  
 Quarters, *see* Barracks and quarters.  
 Quest for equality, story of how 6 institutions opened their doors to serve Negro children and their families, 14282  
 Questions and answers, QA-IND series, 15417  
 Quinlan, James K., evaluation in Illinois of 4 inert dusts on stored shelled corn for protection against insects, progress report, 14108

## R

R.E.A., *see* Rural Electrification Administration.  
 Race car drivers, physiologic observations, 15068  
 Race problems:  
   equality of educational opportunity, report of survey, 14551  
   correlation tables, 14552

Race problems—Continued  
 prohibit discrimination in housing, education, etc., hearings, 14493  
 quest for equality, story of how 6 institutions opened their doors to serve Negro children, 14282  
 White House Conference, To Fulfill These Rights, report, 15429  
 Radar tracking, VHR, range residuals, 15169  
 Radiant energy, radiative interactions between absorbing-emitting and flowing media with internal energy generation, 15197  
 Radiation:  
   air radiation tables, spectral distribution functions for molecular band systems, 15060  
   chimera and transplant immunity, USSR study, 14920  
   postirradiation creatinuria in *Macaca mulatta* primates, 14190  
   radiative interactions between absorbing-emitting and flowing media with internal energy generation, 15197  
   soil and sediment analysis, sample preparation, 15277  
   transistor design effects on resistance, 15075  
   *see also* Ionizing radiation—Radio waves.  
 Radiation biology, *see* Radiobiology.  
 Radiators (aircraft):  
   space radiator panels utilizing shared fins, heat-rejection characteristics, 15189  
   straight finned, weight optimization, design procedure, 15143  
 Radio:  
   USSR all-Union scientific session devoted to radio day, section on—  
     electronics, 14831  
     general radio engineering, 14942  
     propagation of radio waves, 14829  
     quantum electronics, 14838  
     radio broadcasting, electroacoustics and sound recording, 14937  
     radio measurements, 14938  
     radio receivers and amplifiers, 14941  
     radio transmitters, 14940  
     semiconductor devices, 14828  
     telemechanics, 14816  
     television, 14939  
     theory and techniques of transmitting discrete signals, 14830  
     wire communications, 14936  
   Radio broadcasting, *see* Radio stations.  
   Radio communication:  
     experimental services, FCC rules and regulations, 14619  
     industrial, scientific, and medical equipment, FCC rules and regulations, 14619  
     treaty matters, FCC rules and regulations, 14619  
   Radio engineering, general, USSR all-Union scientific session devoted to radio day, 14942  
   Radio equipment, *see* Radio communications.  
   Radio frequencies:  
     allocations, FCC rules and regulations, 14619  
     devices, FCC rules and regulations, 14619  
   Radio frequency modulation, broadcasting stations of world, 14688  
   Radio in navigation, aids, Atlantic and Mediterranean area, change, 15238  
   Radio measurements, USSR all-Union scientific session devoted to radio day, 14938  
   Radio operators:  
     amateur, alien, agreements authorizing operation in U.S. and—  
       India, 15373  
       Israel, agreement, 15366  
   Radio receivers, *see* Receivers (radio).  
   Radio stations:  
     amateur, alien, agreements authorizing operation in U.S. and—  
       India, 15373  
       Israel, 15366



- Radio stations—Continued  
 broadcasting stations of world—  
 amplitude modulation—  
   indexed by country and city, 14686  
   indexed by frequency, 14687  
   frequency modulation, indexed by country, city, frequency, 14688  
   television, indexed by country, city, frequency, 14689
- Radio telescopes, orbiting, large, preliminary design studies, 15070
- Radio transmitters, *see* Transmitters.
- Radio waves:  
 attenuation of radio waves from artificial earth satellites in above-surface trajectories, USSR study, 14890  
 propagation, USSR all-Union scientific session devoted to radio day, 14829
- Radioactivity:  
 fallout shelters—  
   analysts, national directory, 14289  
   creation through slanting and cost reduction techniques, 14291  
   professional development services in planning, etc., new buildings, 14290  
   processing of counting data, 14236  
   soil and sediment analysis, sample preparation by ultrasonic dispersion, 15277  
   upper atmosphere, sampling, agreement with Australia, 15362
- Radiobiology, intraspecies biologic and behavioral variability, 14193
- Radiochemistry:  
 radiochemical water analysis in reactor, chromatographic separation, USSR study, 14852  
 techniques, processing of counting data, 14236
- Radiological health, *see* Health.
- Radiology, medical, Soviet research, 14931
- Radiotelescopes, *see* Radio telescopes.
- Railroad accidents, investigation reports, 14785
- Railroad Adjustment Board, *see* National Railroad Adjustment Board.
- Railroad Retirement Board, appropriations, 1967, hearings, 14472
- Railroads:  
 carload unit costs by territories, 14784  
 maintenance of railroad way and structures, Army technical manual, 14230  
 USSR operations, improvement, suggestions and proposals, 14819
- Ralls (birds):  
 hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations governing, 14673
- Railways, *see* Railroads.
- Rain, traps, water for livestock, 14133
- Rains, Norman M., relief, 14342
- Raisins, malathion-treated drying trays to protect from insects, 14111
- Rampart, Alaska, probable maximum flood on Yukon River, meteorological conditions, 15420
- Ramseyer rule print of proposed amendments to Peace Corps act, 14420
- Ranches, western livestock, 1965, costs and returns, 14529
- Randall, K. A., address, July 27, 1966, 14623
- Range residuals in VHF radar tracking, 15169
- Rasters, parallel line, use to eliminate ambiguities in reading timing of pulses, etc., 15116
- Rates, *see* Freight rates.
- Ratio pyrometers, *see* Pyrometers.
- Rations, Army, pamphlet, 14214
- REA, *see* Rural Electrification Administration.
- Reaction interface speed as reducibility index for iron ore, 15028
- Reaction wheels, use for satellite scanning small celestial area, 15184
- Reactors (atomic):  
 chromatographic separation for radiochemical water analysis, USSR study, 14852  
 Plum Brook reactor, heat transfer analysis, 15165  
 X-10, landmark of nuclear age (remarks), 14242  
 zero power, ZPR-II, critical mass studies, 15167
- Reagan, John F., jr., relief, 14360
- Real estate, living units, minimum property standards, interim revision, 14632  
*see also* Farms.
- Reapportionment, Virgin Islands, legislature, amend organic act, report, 14394
- Receivers (radio):  
 USSR all-Union scientific session devoted to radio day, 14941
- Recipes, fish recipes, 14656
- Reclamation of land:  
 amend small projects act of 1956, report, 14400  
 Federal projects, 1965 crop report, statistical appendix, 15317
- Reclamation projects, *see* Reclamation of land—*also* names of projects.
- Record book, *see* Records.
- Records:  
 documents and texts, domestic photographic papers for printing, USSR study, 14948  
 Education Office handbook, standard filing system, 14557  
*see also* subjects.
- Recreation:  
 expanding America's outdoor estate, 15255  
 facilities and services operated by FHA borrowers, 14541  
 Federal efforts to expand and develop opportunities by shifting cropland (remarks), 14152  
 opportunities in Washington State, study team report, hearings, print additional copies, report, 14399
- outdoor—  
 grants-in-aid manual, 15253  
 policy evolution (remarks), 15254
- Rectifiers, feedback loop compensates for nonlinearity, 15112
- Red Rock Lakes National Wildlife Refuge, general information, 14672
- Red-winged blackbirds, *see* Blackbirds.
- Redevelopment (city planning, etc.):  
 housing and urban development act of 1966, report, 14388  
 National Capital, 1966-2000, regional development guide, 15213  
 public works and economic development act, broaden coverage, hearings, 14438  
 urban planning assistance program, project directory, 14761  
 urban renewal, project characteristics, 15412
- Redlinger, L. M., evaluation of 4 inert dusts for protection of shelled corn in Georgia from insect attack, 14109
- Redwood National Park, establish, hearings, 14490
- Reed, Louis S., independent health insurance plans, 15331
- Reed, Sherwood C.:  
 performance study of DEWline ice cap stations, Greenland, 14211  
 spread footing foundations on snow, 14212
- Reels, expandable takeup, facilitates paper tape removal, 15129
- Reentry into atmosphere, *see* Atmospheric entry.
- Refraction, *see* Atmospheric refraction.
- Refractory metals, *see* Metals.



# INDEX

## Refugees:

- Cuban, adjustment of status, hearings, 14430
- Cuban, problem, hearings, 14494
- Vietnam, India, and Hong Kong, problems, report, 14389
- Refugees, *see* names of refugees.
- Regan, Danny M., ecology of Gila trout in main Diamond Creek in New Mexico, 14679
- Registration, *see* subjects.
- Regulations, *see* names of departments, etc., issuing regulations—*also* subjects.
- Regulations and interpretative bulletins, 14962
- Regulatory announcement, Fish and Wildlife Service, 14673
- Rehabilitation of the disabled:
  - alcoholism and vocational rehabilitation, proceedings of workshop, 15415
  - facilities on college campuses, 14556
  - medical rehabilitation, Public Health Service, new program, 15287
- Reilly, Harry J., heat-transfer analysis of Plum Brook reactor, 15165
- Reinforced plastics, *see* Plastics.
- Relief work, disaster relief work of 1965, hearings, 14437
- Religious activities, Kurdish people of USSR, translation, 14801
- Renal diseases, *see* Kidneys.
- Renegotiation, *see* Government contracts.
- Renegotiation Board:
  - rulings, 15318
  - rulings and bulletins, index, 15318
- Reorganization of Government activities, *see* Government reorganization plans.
- Repair stations, *see* Aircraft repair stations.
- Reports, *see* names of departments, etc., issuing reports—*also* subjects.
- Republican Policy Committee, Senate, staff study, 14451
- Requisitions, MILSTRIP, military standard requisitioning and issue procedures, change, 14520
- Research:
  - research profile, 15301
  - review of selected Government research and development reports, 15208
  - see also* Scientific research—*also* names of departments, etc., doing research—*also* subjects.
- Research and development reports, Atomic Energy Commission, 14236-237
- Research and statistics notes, 15331
- Research laboratories, orbiting, medical aspects, Space Medicine Advisory Group study, 15079
- see also* names of laboratories or places where located.
- Research notes, Forest Service, 14699-711
- Research papers, Forest Service, 14712-716
- Research reports, Cold Regions Research and Engineering Laboratory, 14210
- Residential construction, *see* Building.
- Resins, initiation of failure mechanisms in glass-resin composites, 15039
- Resolutions, *see* Senate bills.
- Resource bulletins, Forest Service, 14717-720
- Resource publication (series), 14674
- Resources, *see* Natural resources.
- Restivo, Gluseppina, *see* Bellizia, Josephine A.
- Retail credit, and collections, bibliography, 15324
- Retail stores, *see* Stores.
- Retail trade:
  - current reports, 14279
  - employee earnings, summary release, 14984
  - sales, 14279
  - see also* names of commodities and industries.
- Retina, electrophysiological investigations, USSR study, 14887

## Retirement:

- self-employed individuals, deduction for taxable year 1964, Treasury Dept. report, 14445
- social security benefits, you don't have to retire completely to get them, 15327
- Retorts, brazing retort manifold design concept may minimize air contamination, etc., 15101
- Revolving funds, Indian loans to procure assistance before Indian Claims Commission, increase authorization, report, 14393
- Rewards (prizes, etc.):
  - Bulgarian inventors and efficiency experts, awards, 14951
  - Mendeleev Society, 1965 chemistry prizes, winners, USSR, 14930
- Rhenium, minerals yearbook chapter, 15032
- Rheumatoid arthritis, adults in U.S., 15308
- Rhode Island:
  - census of manufactures, 1963, manufacturing plants, location by county, industry, and employment size, 14254
  - county business patterns, 14266
- Rice Lake National Wildlife Refuge, general information, 14681
- Rickenbacker, Joseph E., losses in transporting and handling grain by selected grain marketing cooperatives, 14143
- Rigging, *see* Masts and rigging.
- Right-of-way, *see* Roads and highways.
- Rings, inflatable O-ring seal would ease closing of hatch cover plate, 15115
- Roads and highways:
  - beautification and safety, Federal-State coordination (remarks), 14328
  - Federal-aid highway act of 1966, section-by-section analysis, 14441
  - Federal-aid program, toll facilities relationship, hearings, 14440
  - improved highway engineering productivity, conference, proceedings, 15314
  - needs of future (remarks), 15316
  - Public Roads Bureau labor compliance manual, amendment, 15315
  - right-of-way, acquisition, bibliography, supplement, 15313
  - steep road fills, controlling soil movement, 14699
  - see also* names of roads or highways.
- Robbins, Leslie F., new construction and rehabilitation on college campuses, 14556
- Robbins, W. M., Jr., preliminary design studies for very large orbiting radiotelescope, 15070
- Roberts, Jean, prevalence of osteo arthritis, 15307
- Rocket propellants, *see* Propellants.
- Rockets:
  - performance of Apollo storable propellants in engines with large area ratio nozzles, 15173
  - recoverable booster, landings and slideouts, investigation, 15141
  - rotating-solid-propellant control system, application to attitude-control of space-vehicle upper stage, errata, 15132
  - Saturn class boosters, data requirements for in-flight synthesis and multiple blender studies, 15035
  - small-animal payload, integration with sounding rocket, 15081
- Rocks, disk subjected to peripheral thermal shock, stress analysis, 15024
- Rocky Mountain States, manufacturing plants, location by county, industry, and employment size, 1963 census, 14260
- Rodenbach, Richard D., southern yellow pine, log overruns, 14708
- Rogers, K. W., solid nitrogen formed by cryopumping, 15058
- Romm, Joseph, speech, Oct. 4-5, 1965, 14292
- Roots of equation, *see* Mathematics.
- Rosenbaum, B., range residuals in VHF radar tracking, 15169

Rosenberry, Paul E., commercial Corn Belt farms, 14533  
 Rot, *see* name of rot.  
 Rotorcraft, external-load operations, Federal aviation regulations, 14613  
 Rotors:  
   axial flow pump, with tip diffusion factor of 0.66, blade element performance, 15191  
   hollow spherical, fabricated by electroplating, 15097  
 Roughness, *see* Surfaces.  
 Roumasset, Charles A., Negro in the West, etc., 14983  
 Roys, George P., measurements by aircraft of condensed water in Great Plains thunderstorms, 15421  
 Rubidium:  
   determination by name photometry, 15023  
   vapor effects on Bayard-Alpert ionization gauges, 15179  
   vapor, frequency standards, long-term performance, 15210  
 Rudolf, Paul O., forest genetics and related research, annotated bibliography, 14715  
 Rugs, Wilton, Brussels, etc., Tariff Commission report, 15388  
 Rules, *see* names of courts, commissions, etc., issuing rules—*also* subjects.  
 Rules and Administration Committee, Senate:  
   hearing, 14504  
   reports, 14461-462  
 Rules Committee, House, report, 14391  
 Rumania:  
   computer, general-purpose, development, 14912  
   development of geophysics in last 2 decades, 14895  
   national conference on normal and pathological morphology, 14842  
   soil and land utilization, research, 14886  
 Rural communities:  
   advantages of industrial expansion in rural America (address), 14126  
   consumer expenditures and income, rural farm population—  
     north central region, 14117  
     southern region, 14118  
   keeping people in countryside through new economic opportunities (address), 14127  
   migrant worker programs, 14528  
 Rural development program:  
   building rural America, rural areas development, press reports, 14597  
   community development district act of 1966, planning of public services, etc., hearings, 14403  
   mid-Hudson project, 14596  
 Rural electrification, *see* Electricity.  
 Rural Electrification Administration, materials acceptable on electrification systems, list, 15319  
 Ruttenberg, Stanley H., nomination, hearing, 14501  
 Rwanda, Tanzania boundary, study, 15343  
 Ryack, Bernard L., individual and group learning, 14904  
 Ryan, Cornelius, Last battle (book), Soviet colonel reviews, 14925

## S

S.A.M., *see* School of Aerospace Medicine.  
 S.E.C., *see* Securities and Exchange Commission.  
 Sabine, RLC-9, lunar charts, 14186  
 Sableski, Joseph J., paper, Nov. 1965, 15274  
 Safeguard our Nation's youth on the job (series), 14967  
 Safety at sea, *see* Safety of life.  
 Safety equipment and appliances, automatic protective vent has fail-safe feature, 15099

## Safety of life:

air safety—  
   rules of CAB pertaining to accidents, etc., investigations, 14287  
   safety education series, 14681-682  
   at sea, disclosure of modern fire safety standards, report, 14466  
   drug safety, hearings, 14423  
   fire safety in construction projects (talk), 14742  
   highway improvements and safety, Federal-State coordination (remarks), 14328  
   safeguard our Nation's youth on the job (series), 14967  
   safety education series, 14681-682  
   safety in industry, mechanical and physical hazards series, 14965  
   safety investigation regulations, SIR series, 14287  
   traffic and motor vehicle safety act of 1966, report, 14391  
 Sailing directions:  
   Baltic Sea, change, 15233  
   Japan, southern, change, 15236  
   Mediterranean, changes, 15234-235  
 Sailors, staffing Federal seafaring positions, 14435  
 St. Johns County, Fla.:  
   beach erosion control study, engineer report—  
     departmental edition, 14571  
     document edition, 14447  
 St. Lawrence Seaway Development Corporation:  
   audit report, 14386  
   financial statements, 1965, examination, GAO report, 14724  
 Sakhalin, southwestern, nature of gravity anomalies, USSR study, 14805  
 Salaries, Federal classified, postal, and Foreign Service employees, 14434  
 Sales, *see* names of commodities, etc.  
 Sales tax, State taxation of interstate commerce, report, print additional copies, report, 14461  
 Saline water, *see* Sea water—Water.  
 Salt River Pima-Maricopa Reservation, long-term leases, report, 14397  
 SAM, *see* School of Aerospace Medicine.  
 Sampling, *see* names of substances or objects sampled.  
 Sandwich construction, *see* Panels and paneling.  
 Sanitation, standards, fabrication of single service containers and closures for milk and milk products, guide, 15278  
 Santa Ana National Wildlife Refuge, general information, 14660  
 Santee National Wildlife Refuge, birds, list, 14663  
 San Xavier Reservation, long-term leases, report, 14397  
 Satellites:  
   activities of Hungarian observation network, 14833  
   attenuation of radiation, USSR study, 14890  
   communications, historical background, etc., 15078  
   Echo II project, metal-polymer laminate, mechanical and physical properties, 15140  
   ESSA 1, meteorological data, television cloud photography, catalogue, 14580  
   orbital research laboratory, medical aspects, Space Medicine Advisory Group study, 15079  
   orbits, drift of 24-hour inclined-orbit in earth gravity field through 4th order, 15136  
   scanning small celestial area, use of reaction wheels and nonlinear control, 15184  
   target, visual detection with unaided eye, 15065

# INDEX

## Satellites—Continued

TIROS, meteorological data, television cloud photography, catalogue, 14579  
weather satellites, Soviet views and developments, 14883

Saturn (rocket), *see* Rockets.

Savannah (nuclear ship):

executive agreements waiving sovereign immunity and limitation of shipowner's liability, opinion of Attorney General, 14959

Savings accounts, *see* Banks and banking.  
Savings and loan associations, insured, average annual dividend rates paid, 14627

Savings and loans examiners, examination announcement, discontinuance notice, 14306

Savings banks, *see* Banks and banking.

Savings bonds, voluntary payroll savings plans for purchase by Government employees, rescission, 15394

Sawtooth National Park, establish, hearings, 14491

Sawtooth National Recreational Area, establish, hearings, 14491

Saxman, Alaska:

totem pole of Haida Indian, colored poster—

with French text, 15407

with German text, 15405

with Spanish text, 15406, 15408

Scanning, satellite scanning small celestial area, use of reaction wheels and nonlinear control, 15184

Schmeltzer, Edward, remarks, Sept. 9, 1966, 14634

Schnellbacher, E. E., address, Sept. 1, 1966, 14780

Schoettger, Richard A., electronic method of measuring hematocrits of fish, 14674

School of Aerospace Medicine:

aeromedical reviews, 14188-189

technical reports, 14190-196

Schools:

construction program, agreement with Burma, 15370

federally affected areas, impact aid—

hearings, 14417

reduction, effect on Hawaii, hearings, 14416

health program, outline for school and community, 15302

public, equality of educational opportunity, report of survey, 14551

correlation tables, 14552

Soviet, textbooks, 14565

*see also* Elementary education—High schools.

Schools of forestry, *see* Forests and forestry.

Schuerch, H., micromechanics of composite materials, stresses and failure mechanisms induced by inclusion, 15073

Schutzmann, R. L., cleanup and confirmation of identity of pesticide residues by thin-layer chromatography, soil, water and sediment, 14113

Science:

Academy of Sciences, Hungary, recent activities, 14859

Academy of Sciences, Turkmen SSR, annual meeting, 14894

Academy of Sciences, USSR—

Biological Science Department, scientific activity of institutions, 14923

vestnik, translations, 14792, 14935

Bulgaria, progress, 14954

Eastern Europe, science and Communist society, USSR study, 14929

evaluation, Yugoslavian study, 14858

international, new era (remarks), 14238

scientific cultivation of agricultural plants, Rumanian study, 14917

Socialist countries, scientific conferences and events, 14860

teaching activities related to space, 15036

## Science—Continued

technical aids, examination announcement, amendment, 14297

USSR—

organizations, news, 14818, 14826

physicians practicing in medical higher educational institutions, activities, translation, 14793

probes, by French journalist, 14817

scientific press, criticism, 14927

Scientific research:

documentation, current research and development, bibliography, 15320

USSR, expansion for economic development, 14897

Scientists:

chemical academician N. N. Semenov, biographical sketch, 14882

current employment market, 14567

evaluation, Yugoslavian study, 14858

Scotland, plant quarantine requirements, 14116

Scrap, materials, defense scrap yard handbook, 14516

Sea, *see* Ocean.

Sea grant colleges, *see* Colleges and universities.

Sea nettles, *see* Jellyfish.

Sea water:

conversion, vapor reheat liquid-liquid heat exchange process, 14772

solar distillation utilizing multiple-effect humidification, 14770

Senborg, Glenn T., remarks, Sept. 13, 1966, 14233, 14242

Seasickness, *see* Motion sickness.

Seats, airline, head and face injury potential during crash decelerations, 14243

Seattle, Wash., reduced defense spending, potential impact, 14207

SEC, *see* Securities and Exchange Commission.

Secondary education:

act of 1965, instructions for title 1, 1967 application forms, 14554

elementary and secondary education act amendments of 1966, hearings, 14416

Secondary schools, *see* High schools.

Securities, dealers, relationships under banking act of 1933, regulation, 14642

Securities and Exchange Commission, companies filing annual report, directory, 15321

Securities exchanges, act of 1934, companies filing annual reports, directory, 15321

Security, *see* National security.

Security violations don't just happen, they are caused! 14523

Sedimentation and deposition:

cleanup and confirmation of identity of pesticide residues by thin-layer chromatography, 14113

fluvial sediment in Little Arkansas River basin, Kans., 14754

Heart River drainage basin, N. Dak., 14755

sediment, environmental radiation surveillance, sample preparation, 15277

sedimentation in small drainage basins (series), 14754

Seedlings, *see* Forest planting.

Seeds:

blue spruce, performance of 7 seed sources, 14704

Federal seed act, general information, 14510

*see also* Grasses.

Segregation, *see* Race problems.

Seismic waves, *see* Tsunami (tidal wave).

Seismology, seismic design for buildings, Army technical manual, 14223

Self-employed, *see* Employment.

Semenov, N. N., Soviet chemical scientist, biographical sketch, 14882

Semiconductor counters, lithium-drifted silicon surface-barrier, manufacture, 15106



- Semiconductors, devices, USSR all-Union scientific session devoted to radio day, 14828
- Senate:
- appropriations, 1967, legislative, report, 14395
  - Secretary, report, Jan. 1-June 30, 1966, 14450
- Senate documents, 14447-451
- Senate executive documents, 14451-452
- Senate reports, public bills, 14453-468
- Senior citizens, *see* Aged.
- Sensors, flight type oxygen partial pressure sensor, 15046
- Separation (military):
- disability separation, facts for your future, 14205
- Separators, *see* Pneumatic separators.
- Serial set (congressional), 14332-333
- Serology, toxic and serological shifts in blood of burned animals, USSR study, 14879
- Servants, social security, good news for household workers, 15328
- Sewage, disposal system, agreement with Canada, 14372
- Sex:
- evolutionary role of division into 2 sexes, USSR study, 14846
  - projections of white and nonwhite population to 1985, by sex, 14275
  - Shapiro, Sidney S., and wife, relief, 14347
  - Shaw, William H., remarks, Aug. 17, 1966, 14321
  - Shea, R. A., visual detection of point source targets, 15065
  - Sheds, storage for fertilizer, 40 ton capacity, 14146
  - Sheep, foot rot, 14136
  - Shekarchi, E.:
    - mineral industry of Israel, 15016
    - mineral industry of Jordan, 15017
  - Sheldahl, Robert E., effect of discontinuities in surface catalytic activity on laminar heat transfer, etc., 15198
  - Shellfish, sanitation research, Northwest planning conference, proceedings, 15276
  - Shells (structural):
    - complete spherical, buckling, 15057
    - cylindrical and hemispherical, axisymmetric response to time-dependent loading, 15069
    - cylindrical, boundary conditions influence on buckling load under axial compression, 15061
    - paraboloidal thin-walled, thermal distortions, 15161
    - tension shell entry configuration, longitudinal aerodynamic characteristics, 15159
    - thin shell theory, dual formulation, 15067
  - Shelters (protective), *see* Protective shelters.
  - Sheridan, Eugene T.:
    - coke and coal chemicals, 14998
    - coke producers in U.S., 15002
    - fuel briquets and packaged fuel, 15006
  - Shields, William R., Analytical Mass Spectrometry Section, instrumentation, etc., 15209
  - Shiller, William R., aerodontalgia under hyperbaric conditions, 14995
  - Shipbuilding, construction-differential subsidies, extend 55-percent maximum rate, report, 14402
  - Shipments, *see* names of articles shipped.
  - Shipping:
    - act, 1916—
      - amend, hearings, 14478
      - exemptions, report, 14456
    - foreign nations, discriminatory practices, reports, 14479
    - laws, consolidate and reenact, report, 14457
    - military cargoes, reduced ocean freight rates, by U.S. flag vessels, hearings, 14478
  - Ships:
    - construction, *see*, in main alphabet, Shipbuilding.
    - loan, extension, agreement with Canada, 15354
    - measurement, customs regulations, U.S. laws, etc., 14513
    - passenger vessels, rules and regulations, 14318
    - see also* Shipbuilding.
    - Shock absorbers, pneumatic, use of filament wound toroids, 15071
    - Shopper's guide for canned peas, 14149
    - Shoshone Indians:
      - medicine man, colored poster—
        - with French text, 15410
        - with Spanish text, 15409
    - Shrimps and shrimp fishery, southern United States, 14654
    - Shugars, Owen K., commercial tobacco-live-stock farms, Bluegrass area, Ky., 14531
    - Siberia crustal structure in transition zone from Siberian platform to Taymyr down-warp, experience in using industrial explosions, USSR study, 14804
    - Sierra Leone, gazetteer, official standard names, 14744
    - Sight, vision screening in selected classes for mentally retarded, Detroit, Mich., 14283
    - Signals, discrete, theory and techniques of transmitting USSR all-Union scientific session devoted to radio day, 14830
    - Silage, value of mature corn, 14107
    - Silicon, manufacture of lithium-drifted silicon surface-barrier semiconductor counters, 15166
    - Silver (money):
      - standard silver dollars held by Treasury, authorize sale to American Cancer Society and American Heart Association, hearings, 14414
    - Silviculture, *see* Forests and forestry.
    - Simoneau, Robert J., visual study of velocity and buoyancy effects on boiling nitrogen, 15138
    - Singapore, investment guaranties, agreement, 15352
    - Single channel pulse-height analyzer operates in subnanosecond range, 15107
    - SIR series, 14287
    - Sleep:
      - and electric sleep in children, USSR study, 14850
      - normal, dreams during, USSR study, 14849
    - Slidefilms, *see* Filmslides.
    - Slip laws, *see* Law.
    - Slums, rebuilding, city demonstration programs, report, 14388
    - Small business, *see* Business.
    - Small Business Administration:
      - organization, changes, hearings, 14477
      - report, 15325
    - Small Business, Select Committee on, House, hearings, 14442
    - Small Business, Select Committee on, Senate, hearings, 14505-506
    - Small craft, gale and whole gale warning facilities charts, 15423-424
    - Smelting, electrolytes for electrorefining hafnium, 15022
    - Smith, L. Jack, use of phase-locked-loop control for driving ultrasonic transducers, 15174
    - Smith, Wesley G., inventory of land and its use, TVA, 15390
    - Smithsonian Institution:
      - board of regents, programs in marine science hearing, 14431
      - Joseph H. Hirshhorn Museum and Sculpture Garden, establish, hearing, 14439
    - Snipes, hunting possession, transportation, importation in Alaska, 1966-67, Federal regulations, governing, 14673
    - Snow, spread footing foundations, 14212

# INDEX

- Social life and customs, *see* Manners and customs.
- Social sciences, Soviet secondary schools, syllabus of new course, 14564
- Social security:  
benefits—  
for mentally retarded child, 15329  
you don't have to retire completely to get them, 15327  
coverage for household workers, 15328  
earnings record, 15330  
farm statistics, 15332  
research and statistics note, 15331
- Social work and problems:  
alcoholism, social aspects, 15428  
helping people in groups, 6 background papers from Workshop on Group Services, Apr. 19-23, 1965—  
French edition, 14583  
Spanish edition, 14584  
National Institute of Mental Health student research, stipend program in social work, survey, 15290  
social welfare in changing world, place in process of development—  
French edition, 15426  
Spanish edition, 15425
- Socialism:  
economic development of Socialist countries, USSR study, 14811  
scientific conferences and events in Socialist countries, 14860
- Society:  
center of our society, American city (remarks), 15261  
cybernetics and society, 14908
- Society of American Foresters, Genetics Workshop and Lake States Forest Tree Improvement Conference, joint proceedings, 14716
- Sodium, solute and water transport across biologic membranes, 14774
- Soil conservation:  
abstracts of material published, 14101  
districts, status of organization, by States, approximate acreage, etc., 15333  
Northwest resource conservation and development project areas, establishing alfalfa dehydrating plants, feasibility, 14542
- Soil erosion, controlling soil movement from steep road fills, 14699
- Soils:  
cleanup and confirmation of identity of pesticide residues by thin-layer chromatography, 14113  
environmental radiation surveillance, sample preparation, 15277  
humus-mineral mixtures, growth response of yellow birch seedlings, 14705  
plane plastic deformation, 14210  
Rumania, utilization, research, 14886  
sampling small wetland forest plots in Coastal Plain, 14711  
soil survey reports—  
Berkeley County, W. Va., 15334  
Somerset County, Md., 15335
- Solar concentrator, thermal distortions of thin-walled paraboloidal shells, 15161
- Solar energy, distillation process utilizing multiple-effect humidification, 14770
- Solder and soldering:  
boron-deoxidized copper withstands brazing temperatures, 15092  
brazing, marine engineering regulations, 14316
- Soldiers' Home, District of Columbia, appropriations, 1967, hearings, 14472
- Solenoids, multiple system, pneumatic binary encoder replaces, 15104
- Solid state detectors monitor relay contacts, 15126
- Soliwoda, Sophia, relief, 14353
- Solutes, solute and water transport across biologic membranes, 14774
- Somerset County, Md., soil survey report, 15335
- Sondermayer, Roman V., mineral industry of Albania, 15014
- Sonic boom, ground pressure patterns, effects of atmospheric refraction and airplane accelerations, 15152
- Sorcier Indien de la tribu Shoshone, Thermopolis, Etat de Wyoming, 15410
- Sound, ultrasonic transducers, phase-locked-loop control for driving, 15174
- Sound recordings, USSR all-Union scientific session devoted to radio day, 14937
- South (U.S.):  
rural farm population, southern region, consumer expenditures and income, 14118  
shrimp and shrimp fishery, 14654
- South America:  
civil divisions, geographic report, 15341  
east coast, lights and fog signals, list, change, 15237
- South Atlantic States, *see* Atlantic States.
- South Carolina, census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258
- South Dakota:  
Indians, general information, 14763  
manufacturing plants, location by county, industry, and employment size, 1963 census, 14257
- Southeast (U.S.):  
water pollution control, comprehensive project, 14649
- Southeastern Forest Experiment Station, publications, 1966, list, 14698
- Southeastern States, *see* Southeast (U.S.).
- Southern States, *see* South (U.S.).
- Soviet Union, *see* Union of Soviet Socialist Republics.
- Soybeans, processing and utilization, list of references, 15203
- SP series, *see* FMC SP series—NASA SP series—Special publication SP series.
- Space, *see* Outer space.
- Space environment, *see* Environment.
- Space flight, *see* Astronautics.
- Space medicine, *see* Medicine.
- Space Medicine Advisory Group, NASA, orbiting research laboratory, medical aspects, study, 15079
- Space suits, portable lightweight cell provides controlled environment in event of damage or malfunction, 15100
- Spacecraft:  
attitude control, use of rotating-solid-rocket control system, errata, 15132  
flight parameters and vehicle performance for Project Fire flight II, 15176  
Mars entry vehicle, conceptual design for damping system, 15042  
orbits, determination with respect to object in known circular orbit, 15150  
radiator panels utilizing shared fins, heat-rejection characteristics, 15189  
system for inertial experiment pointing and attitude control, 15202  
tension shell entry configuration, longitudinal aerodynamic characteristics, 15159  
two-stage launch vehicle, supersonic investigation of effects of configuration geometry on pressure-coefficient and section normal-force-coefficient distributions, 15139  
Voskhod, Soviet space vehicle, superior technical features, 14863
- Spain:  
education, data, 14549  
loan of vessel, agreement, 15353
- Spanworms, elm, individual eggs from mass-depositing insect, 14709
- Sparta project, *see* Project Sparta.
- Spasmolytic action of new oximes, 14813



- Spatial disorientation, causes, preventive measures, etc., 14189
- Special publication SP series, 15239
- Special reports, Cold Regions Research and Engineering Laboratory, 14211
- Specialists, *see* types of specialists, or occupations.
- Specifications, *see* Government supplies—also names of departments, etc., issuing specifications.
- Spectra:  
distribution functions, molecular band systems, air radiation tables, 15060  
ionospheric layers in infrared region, USSR study, 14794
- Spectrograms, spectrozonal aerial photographs for topographic interpretation, USSR study, 14900
- Spectrometers:  
mass, instrumentation of NBS Analytical Mass Spectrometry Section, 15209  
mass submicron holes in thin films increase sampling range, 15110
- Spectroscopy, infrared, xanthate-galenite system, 15021
- Spectrum analyzers, swept frequency, in-flight vibration analysis, design equations, 15196
- Speech, intelligibility, monaural and binaural, 14993
- Speed, *see* Air speed.
- Spheres:  
buckling of complete spherical shells, 15057  
hollow spherical rotors fabricated by electroplating, 15097
- Spokane, Wash., area wage survey, metropolitan area, 14973
- Sport fisheries, *see* Fish and fisheries.
- Sport Fisheries and Wildlife Bureau:  
resource publications (series), 14674  
technical papers, 14679
- Spray towers, vapor reheat, liquid-liquid heat exchange process, 14772
- Spread footing foundations on snow, 14212
- Springs (mechanism):  
diaphragm spring gives clutch over-center toggle effect, 15094
- Spruce, blue spruce, central North Dakota, performance of 7 seed sources, 14704
- SRS series, 15333
- Stability of aircraft, static characteristics of cone and half-cone-pyramid configurations, 15162
- Stabilization, economic, today's inflationary pressures (address), 14320
- Stackhouse, Stirling P., intraspecies biologic and behavioral variability, 14193
- Stadiums, District of Columbia, construction, change orders and other matters, review, 14733
- Staff development, *see* Administrative management.
- Stamps, *see* Postage stamps.
- Standards and standardization:  
Defense Dept.—  
specifications and standards, index, 14519  
standardization documents, supply classification listing, 14517  
Federal standards, 14644  
Federal test method standards, 14645  
*see also* subjects.
- Stanton, Beryl E., communications vital to cooperatives, 14592
- Stapleford, R. L., pilot describing function measurements in multiloop task, 15052
- State aid, *see* Grants-in-aid.
- State Department:  
background notes, 15337  
commercial policy series, 15338  
counselor, nomination of Robert B. Bowie, hearings, 14481  
department and foreign service series, 15339
- State Department—Continued  
dollar savings possible through expanded use of foreign currencies to transport personal effects abroad, GAO report, 14728  
reorganization, hearings, 14484  
telephone directory, 15344  
agencies, disposal of Federal surplus property for education, etc., hearing, 14482
- Federal grants, highway construction act of 1966, section-by-section analysis, 14441
- fresh fruit and vegetable shipments, 14508
- income tax, withholding from compensation of Federal employees, regulations, rescissions, 15395, 15397
- interstate carriers water supplies, inventory, 15285
- law enforcement, Federal assistance, amend law, hearings, 14429
- McIntire-Stennis cooperative forestry research program, administrative manual, 14132
- manufactures, 1964, general statistics, 14249
- minimum wage legislation, weapon in war on poverty, 15431
- public assistance, cost of State and local administration, services, and training, 14586
- sex discrimination in employment, laws, 15430
- soil conservation districts, status of organization, etc., 15333
- sources of milk for Federal order markets, 14511
- taxation of interstate commerce activities, investigation, report, print additional copies, report, 14461
- Statistical publications, *see* names of departments, etc., issuing publications.
- Statistical Reporting Service, SRS series, 15383
- Statisticians, mathematical, and statistician-survey statistician, examination announcements, amdt., 14303
- Statistics, Federal-State-local cooperative arrangements, programs and problems, statements, 14244  
*see also* subjects.
- Statutes, *see* Law.
- Staugaitis, C. L., Echo II metal-polymer laminate, 15140
- Steel, jacks from Canada, determination of likelihood of injury, 15386
- Stellarators, superconducting magnetic bottle for plasma physics experiments, 15186
- Stelluto, George L., industry wage survey, cotton textiles, 14979
- Stern, Louis W., studies of organization and competition in grocery manufacturing, 15216
- Sternbergh, S. A., flight type oxygen partial pressure sensor, 15046
- Stevens, Richard F., jr., rhenium, 15032
- Stevenson, P. C., processing of counting data, 14236
- Stewart, Charles W., John Paul Jones, commemoration at Annapolis, Apr. 24, 1906, 15240
- Stewart, William H., address, June 20, 1966, 15271
- Stock catalogs, *see* Government supplies.
- Stockholm, Sweden, U.S. trade center, 14783
- Stocks:  
bonus plans, tax exemption, procedures and guides for qualification under internal revenue code, 14779  
savings and loan associations, insured, average annual dividend rates paid, 14627
- Stockyards, packers and stockyards act, what it is, how it operates, 14148
- Stone, census of mineral industries, 1963, industry statistics, 14262



# INDEX

- Storage, flood routing without coefficients, 14102
- see also* names or classes of articles stored.
- Stores:
  - department stores, inventory price indexes, 14981
  - retail sales, 14279
- Storms:
  - coastal warning facilities charts—
    - Eastport, Me. to Montauk Point, N.Y., 15418
    - Montauk Point, N.Y. to Manasquan, N.J., 15419
  - National Severe Storms Laboratory report (series), 15421
  - small craft, gale and whole gale warning facilities chart, Great Lakes—
    - Huron, Erie and Ontario, 15423
    - Superior and Michigan, 15424
  - see also* Thunderstorms.
- Stout, B. A., prototype hydrohandling system for sorting and sizing apples before storage, 14112
- Stover, W. F., land conveyance to, 14357
- Strains and stresses:
  - buckling load of cylindrical shells under axial compression, influence of boundary conditions, 15061
  - buckling of complete spherical shells, 15057
  - buckling of imperfect cylinders under axial compression, 15051
  - Carlson stress meter, supplementary tests, 14576
  - dual formulation of thin shell theory, 15067
  - initiation of failure mechanisms in glass-resin composites, 15039
  - micromechanics of composite materials, stresses and failure mechanisms induced by inclusions, 15073
  - rock disk subjected to peripheral thermal shock, analysis, 15024
  - thermal distortions of thin-walled paraboloidal shells, 15161
- Strengthening free enterprise, 1965 annual report, Small Business Administration, 15325
- Stress (physiological), *see* Tension.
- Stresses (mechanical), *see* Strains and stresses.
- Strikes and lockouts, airline strike impact on defense posture, hearing, 14411
- Stroboscopic method, *see* Equations.
- Strokes, community health planning grants, 14757
- Struble, G. R., California 5-spined lps, 14696
- Structural designs, *see* Designs (industrial).
- Structural systems and program decisions, Apollo program, 15087-88
- Students, National Institute of Mental Health student research stipend program in social work, survey, 15290
- Studies (North Vietnam periodical):
  - translations, 14884
- Subarctic region:
  - emergency construction, technical manual—
    - general provisions, 14227
    - site selection and development, 14228
- Subject headings, descriptors thesaurus, 14524
- Submarine boats, loan, extension, agreement with Canada, 15354
- Submarine Medical Center, *see* Naval Submarine Medical Center.
- Submariners:
  - aerotitis media in submarine recruits, 14992
  - personnel in nuclear-powered submarines, ionizing radiation effects on eyes, 14991
- Submicron hole in thin films increase sampling range of mass spectrometers, 15110
- Subsidies, *see* names of commodities, industries, etc.
- Subsurface effects measurements, Project Pre-Schooner, 14237
- Suez Canal, vessel tonnage measurement, customs regulations, 14513
- Sulfur forms in coals, 15010
- Summer flounders, *see* Flounders.
- Summers, Robert L., effects of rubidium vapor on ionization gages, 15179
- Superalloys, *see* Alloys.
- Superconducting magnetic bottle for plasma physics experiments, 15186
- Superior, Lake:
  - birds of Isle Royale, 14676
  - small craft, gale and whole gale warning facilities chart, 15424
- Supersonic aerodynamics, *see* Aerodynamics.
- Supersonic airplanes, *see* Airplanes.
- Supersonic flow, *see* Flow.
- Supplies, *see* Government supplies—Medical supplies—Military supplies—Surgical supplies.
- Supply and Maintenance Command:
  - project listing, 14221
  - SMC pamphlet, 14221
- Supply management, interservice action needed when management policies and practices differ for similar supply items, Defense Dept., GAO report, 14726
- Supreme Court, uniform civil appellate rules for courts of appeals, power to prescribe, report, 14455
- Surface water, *see* Water.
- Surfaces:
  - roughness—
    - effects on boundary-layer transition for blunt-leading-edge plates, 15149
    - fabrication-type, pressure drags on ogive cylinder, 15151
    - pressure and heat transfer tests, 15049
- Surgery:
  - experimental, problems, USSR study, 14825
  - proportion of surgical bill paid by insurance, 15306
- Surgical supplies, administrative aspects of hospital central surgical supply services, 15282
- Surplus property:
  - disposal abroad, hearings, 14483
  - disposal to State agencies for education, etc., hearing, 14482
  - see also* Personal property.
- Surrey, Stanley S., remarks, Aug. 6, 1966, 15392
- Surveying:
  - accuracy of geodetic measurements in geological survey operations, pro and con, USSR study, 14907
  - aid, examination announcement, 14301
- Surveys, *see* Community surveys—*also* subjects of surveys.
- Survivors, *see* Civil service pensions.
- Swamplands, coastal wetlands of Hempstead-South Oyster Bay, L.I., preserve for fishing, etc., hearings, 14432
- Swan Lake National Wildlife Refuge, birds, list, 14667
- Swanson, Bruce L., statistics of farmer cooperatives, 14594
- Swanson, Howard E., standard X-ray diffraction powder patterns, 15206
- Swearingen, John J., head and face injury potential of airline seats, etc., 14243
- Sweden:
  - former Communist Party chairman publishes book, 14903
  - Indonesia's political history and Oct. 1, coup, Swedish leftist view, 14902
  - research in Soviet legal terminology, 14901
- Sweet corn, *see* Corn.
- Swine, pig crop report, 15382
- Sycamore Canyon, primitive area, mineral resources, 14747
- Sylvia, John R., relief, 14345

Symposiums:  
 employment act of 1946, 20th anniversary,  
 hearing, supplement, 14376  
 ESSA, earthquake prediction, 14577  
 international water quality, North American  
 problems (remarks), 14753  
 nutritional requirements for survival in  
 cold and at altitude, arctic medicine and  
 biology, proceedings, 14185  
 Synthesis:  
 and application of perceptrons, USSR,  
 14916  
 in-flight synthesis, data requirements,  
 15055  
 Systems, for inertial experiment pointing  
 and attitude control, 15202  
*see also* names or types of systems, e.g.  
 Control systems.  
 Systems Research and Development Service,  
 report, 15384

## T

Tables (compilation), *see* Technical, scientific,  
 and economic subjects.  
 TACAN, *see* Air navigation.  
 Tacoma, Wash., reduced defense spending,  
 potential impact, 14207  
 Tadzhik Soviet Socialist Republic, public  
 health, 14905  
 Tadzhikistan, *see* Tadzhik Soviet Socialist  
 Republic.  
 Takagi Shunsuke, plane plastic deformation  
 of soils, 14210  
 Tanks, milk cooling, on farms supplying  
 Federal milk order markets, 14509  
 Tanks (military science):  
 maintenance, Army Dept., GAO, review,  
 14736  
 Tanzania:  
 agricultural commodities, agreement,  
 15357  
 Rwanda boundary, study, 15343  
 Tape, paper, expandable takeup reel facilities  
 removal, 15129  
 Targets, point source, visual detection of  
 satellite with unaided eye, 15065  
 Task analysis, pilot describing function  
 measurements in multiloop task, 15052  
 Taube, Carl A., employees in nursing and  
 personal care homes, 15310  
 Tax exemption, pension trust procedures,  
 etc., under internal revenue code, 14779  
 Tax refunds, farmers gas tax credit, 14775  
 Taxation:  
 current tax developments (remarks),  
 15392  
 foreign investors tax act of 1965, written  
 statements submitted to Ways and  
 Means Committee, 14446  
 foreign investors tax act of 1966, hearings,  
 14480  
 States and local governments, personal  
 property located in Federal areas, subject  
 to tax liability, hearings, 14485  
 States, interstate commerce activities, investigation  
 report, print additional  
 copies, report, 14461  
*see also* Employment taxes—Income tax—  
*also* names of articles, etc., subject to  
 tax.  
 Taxes, *see* Taxation.  
 Teachers:  
 National Teacher Corps, guidelines, 14555  
 opportunities abroad for teachers, teaching,  
 summer seminars, 14558  
 Teaching, *see* Programmed instruction—*also*  
 subjects taught.  
 Technical bulletins:  
 Agriculture Department, 14162-164  
 Coast and Geodetic Survey, 14314  
 Technical cybernetics, 14862  
 Technical education, review of activities in  
 federally aided programs, 14563

Technical manuals, Army Department,  
 14222-231  
 Technical memorandums:  
 Civil Defense Office, 14291  
 National Aeronautics and Space Administration,  
 15130  
 Technical notes:  
 National Aeronautics and Space Administration,  
 15131-201  
 National Bureau of Standards, 15209-211  
 Technical orders, *see* names of departments,  
 etc., issuing orders.  
 Technical paper, Sport Fisheries and Wildlife  
 Bureau, 14679  
 Technical report system description, 15384  
 Technical reports:  
 Army Aviation Materiel Laboratories,  
 14232-233  
 Civil Defense Office, 14292  
 Cold Regions Research and Engineering  
 Laboratory, 14212  
 National Aeronautics and Space Administration,  
 15202  
 Naval Training Device Center, 15250-251  
 Personnel Research Laboratory, 14183-  
 184  
 School of Aerospace Medicine, 14190-196  
 Waterways Experiment Station, 14575-  
 576  
 Technical research note, 14234  
 Technical study series, National Commission  
 on Food Marketing, 15215-218  
 Technical translations, National Aeronautics  
 and Space Administration, 15203  
 Technicians:  
 current employment market, 14567  
 engineering and scientific technician examination  
 announcement, suspension notice,  
 14312  
*see also* Electronic technicians.  
 Technology:  
 Bulgaria, progress, 14954  
 educational technology, hearings, 14375  
 Patent Office and technological progress  
 (address), 15256  
 petroleum industry, Conference on Selected  
 Technology, Lewis Research Center,  
 papers, 15085  
 transfer and innovation, guide to literature,  
 14329  
*see also* subjects.  
 Teen-agers, *see* Youth.  
 Tegeler, Henrietta H., Cyprus' agricultural  
 economy in brief, 14544  
 Tektites, Muong Nong, lunar structures as  
 deduced from, 15172  
 Telegraph, carriers, domestic and overseas  
 reporting annually, statistics, 14620  
 Telemechanics, USSR all-Union scientific session  
 devoted to radio day, 14816  
 Telemetry:  
 error rate reduction of parity checked data  
 by likelihood deletion strategy, 15181  
 PCM and PFM systems, comparison, 15142  
 Telepathy, *see* Thought-transference.  
 Telephone:  
 carriers, annual statistics, 14621  
 directories, State Department, International  
 Development Agency, Arms Control  
 and Disarmament Agency, 15344  
 Teletype, modernized weather teletypewriter  
 communication system, technical report  
 system description, 15384  
 Television:  
 broadcasting stations of world, indexed by  
 country, city, frequency, 14689  
 cloud photography, meteorological satellite  
 data—  
 ESSA I, catalogue, 14580  
 Tirois VIII, catalogue, 14579  
 USSR all-Union scientific session devoted  
 to radio day, 14939  
 Television cameras, *see* Cameras.  
 Television ophthalmoscopy, workshop, proceedings,  
 15297



# INDEX

- Temperature:  
boron-deoxidized copper withstands brazing temperatures, 15092  
effects on maximum induction of magnetic materials, determination, 15175  
high, diaphragm valve for fluid flow control, 15096  
surface, measurement by optical and ratio pyrometers, 15193  
Tennessee, census of manufactures, 1963, manufacturing plants, location by county, industry, and employment size, 14259  
Tennessee River and Valley:  
land and its uses, inventory, 15390  
TVA tames, river, 15391  
Tennessee Valley Authority:  
act of 1933, amend, hearing, 14503  
bonds to finance power program, increase limitation, hearing, 14503  
Tension, physiological observations on race car drivers, 15068  
Terminals (transportation):  
foreign trade and Federal Maritime Commission, appraisal (address), 14633  
Territories, income tax, withholding from compensation of Federal employees, regulations, rescission, 15395  
Testing, design, conduct and analysis of Air Force tests, guide, AFSC pamphlet, 14178  
*see also* Ability—*also* names of substances or objects tested.  
Tests, *see* types, or names of tests.  
Textbooks, for Soviet schools, 14565  
Textiles, *see* names of textiles.  
Thailand, gazetteer, official standard names, 14743  
Therapists, all-Union Congress of physio- and health-resort therapists, USSR, 14914  
Thermal shock, peripheral, rock disks, stress analysis, 15024  
Thermal stresses, *see* Strains and stresses.  
Thermionic emission, diffusion and electron emission properties of duplex refractory metal thermionic emitters, 15044  
Thermodynamics:  
properties of arbitrary gas mixtures—  
calculation of specific heats with tabulated results, 15158  
calculation with modified vibrational-rotational corrections, 15156  
Thermoplastics, *see* Plastics.  
Thermopolis, Wyo.:  
Shoshone medicine man, colored poster with—  
French text, 15410  
Spanish text, 15409  
Thesaurus of DDC descriptors, 14524  
Thomasson, Edwin M., helium, 15009  
Thompkins, F. Vernon, water used in mineral industry of Alabama in 1962, 15033  
Thompson, William C., dynamic-model investigation of some landings and slideouts of recoverable booster, 15141  
Thought-transference, pros and cons of existence of telepathy, USSR study, 14888  
Thrust, finite-thrust escape from and capture into circular and elliptic orbits, 15194  
Thrustors, electron bombardment, 5-centimeter-diameter, with permanent magnets, 15199  
Thunderstorms, measurements of condensed water in Great Plains storms, 15421  
Thurston, G. A., buckling of imperfect cylinders under axial compression, 15051  
TIAS series, 15345-374  
Ti-chih lun-p'ing (periodical):  
translations, 14896  
Ticks, national tick surveillance program, 14114  
Tides, lunar-solar semi-monthly and monthly, in seas of Soviet Arctic, USSR study, 14796  
Timber:  
management issues on Utah's north slope, 14712  
national forest sale accomplishments, 14697  
Time, decoding problem, error detection and correction approach, 15145  
Time delay, effects in visual feedback loop of man-machine system, 15063  
Time deposits:  
control of time and savings deposits (address), 14623  
higher reserve requirements, hearing, 14476  
Timing devices, parallel line raster eliminates ambiguities in reading timing of pulses, 15116  
Tinsleya, new genus of seed-bearing callipterid plants from Permian of north-central Texas, 14752  
Tires, advertising and labeling guides, adopted by Federal Trade Commission, 14647  
Tissues, fractionation and analysis, zonal centrifuges and ancillary systems, development, 15289  
*see also* Chimeras.  
Titanium:  
alloys, properties, treatment and production, USSR studies, 14814  
sublimation pump produces ultrahigh vacuum, 15118  
Tobacco:  
commercial farms, costs and returns, Bluegrass area, Ky., 14531  
U.S. cigar leaf, changed market, 14540  
Todorov, E. P., human tracking, performance in uncoupled and coupled 2-axis systems, 15045  
Tokyo, Japan, U.S. trade center, 14783  
Tolls, relations to Federal-aid highway program, hearings, 14440  
Topakas, Emanuel G., relief, 14340  
Topography, spectrozonal, aerial photographs for topographic interpretation, USSR study, 14900  
Toroids, filament wound, use as pneumatic shock absorbers, 15071  
Totem poles:  
Haida Indians, Saxman, Alaska, colored poster with—  
French text, 15407  
German text, 15405  
Spanish text, 15406, 15408  
Totempfahl der Haida-Indianer Saxman im Staat Alaska, 15405  
Tourism, *see* Tourist trade.  
Tourist trade, inclusive tours by supplemental air carriers and tour operators, CAB special regulations, 14288  
Toxicity, *see* Poisons.  
Toxicology, propellant fuels, boron hydrides, 14188  
Tower, Leonard K., desorption kinetics of multiple adsorbates, cesium with fluorine on molybdenum and tungsten, 15187  
Tracking, human performance in uncoupled and coupled 2-axis systems, 15045  
*see also* Radar tracking.  
Trade, *see* Commerce—Retail trade.  
Trade centers, U.S., Frankfurt, London, Milan, Stockholm, Bangkok, Tokyo, 14783  
Trademarks, Colombia, protection, laws, etc., 14326  
Trade policy, *see* Commercial policy.  
Trade unions, *see* Labor unions.  
Traffic safety, *see* Safety of life.  
Training, job development for workers in health services, 14759  
*see also* Naval education—*also* subjects.  
Trajectories, above-surface, attenuation of radiation from artificial earth satellites, USSR study, 14890



- Transducers:**  
ultrasonic, phase-locked-loop control for driving, 15174  
vibrating diaphragm pressure transducer, 15082
- Transistors,** design effects on radiation resistance, 15075
- Translations,** technical, National Aeronautics and Space Administration, 15203
- Transmission lines,** *see* Electric lines.
- Transmitters,** USSR all-Union scientific session devoted to radio day, 14940
- Transonic speed,** *see* Air speed.
- Transplants,** *see* Grafting (physiology).
- Transport airplanes,** *see* Airplanes.
- Transport equations,** *see* Equations.
- Transport phenomena in ionized gases as initial value problem,** 15062
- Transportation:**  
air—  
  industry, 1947-64 indexes of output per employee, 14969  
  small business, role in industry, hearings, 14442  
  supplemental, terms, conditions, and limitations of certificates to engage in, CAB economic regulations, 14284  
  grain, losses by grain marketing cooperatives, 14143  
  intermodal, cargo moving in ocean foreign commerce, legal barriers (remarks), 14634  
  lines, Great Lakes system, 14574  
  migratory birds, Alaska, 1966-67, Federal regulations governing, 14673  
  motor vehicles of members of Armed Forces, at Government expense, amend U.S. Code, hearing, 14409  
  moving, reasons, Mar. 1962-Mar. 1963, population characteristics, 14271  
  savings through improved utilization of space available on administrative military aircraft, GAO report, 14731  
  transportation series, Engineers Corps, 14574
- Travel:**  
automotive, by Federal employees, cost reductions through use of Govt.-owned vehicles, GAO report, 14730  
controls, proposal, hearings, 14496  
directions, U.S.A., entry, travel, shopping, etc.—  
  Dutch edition, 15411  
  French edition, 15404  
  Spanish edition, 15403  
foreign nationals in USSR, regulations governing, 14847  
travel a new world, poster series, 15405-410
- Travel agents,** small business role in air transportation agency, hearings, 14442
- Treasury Department:**  
department circulars, 15393-397  
standard silver dollars held in Treasury, authorize sale to American Cancer Society and American Heart Association, hearings, 14414
- Treaties,** *see* names of countries.
- Treaties and other international acts series,** 15345-374
- Trout, Gila, Diamond Creek, N. Mex.,** ecology, 14679
- Trucks,** *see* Motortrucks.
- Trusts and trustees:**  
employee benefit plans, tax exemption qualification determination procedures under internal revenue code, 14779  
legal investments for trust funds in D.C., list, 14525
- Tsunami (tidal wave):**  
immunity of amplitude criteria of seismic wave phase correlation, USSR study, 14893
- Tubbs, Carl H.,** growth response of seedling yellow birch to humus-mineral soil mixtures, 14705
- Tungsten:**  
cesium with fluorine, desorption kinetics, 15187  
electrical resistivity and conductivity of tungsten-fiber-reinforced copper composites, 15183
- Tunisia,** agricultural commodities, agreement, 15355
- Tunnel diodes,** *see* Diodes.
- Turbulence,** transient flow of hydrogen in laminar-turbulent region, 15200
- Turkey:**  
classes and class struggle, USSR study, 14898  
contemporary, Soviet view, 14839  
Turkeys, homemakers' opinions and preferences, 14141  
Turkmen Soviet Socialist Republic, Academy of Sciences, annual meeting, 14894  
TVA, *see* Tennessee Valley Authority.  
Twenty years after, appeal for renewal of international economic cooperation on grand scale, 14377
- U**
- U.S.S.R.,** *see* Union of Soviet Socialist Republics.
- U.S.T.S. colored poster series,** 15405-410
- Udall, Stewart L.,** remarks, Sept. 6, 1966, 14768
- Uganda,** agricultural commodities, agreement, 15357
- Ultrasonics,** *see* Sound.
- Unemployed, youth,** Oak Glen training camp, 14961
- Union of Soviet Socialist Republics:**  
Academy of Sciences, vestnik translations, 14792, 14935  
agricultural situation, midyear review, 14545  
all-Union conferences and congresses—  
  aerospace medicine, 14945  
  physio- and health-resort therapists, 14914  
all-Union scientific session devoted to radio day, section on—  
  electronics, 14831  
  general radio engineering, 14942  
  propagation of radio waves, 14829  
  quantum electronics, 14838  
  radio broadcasting, electroacoustics and sound recording, 14937  
  radio measurements, 14938  
  radio receivers and amplifiers, 14941  
  radio transmitters, 14940  
  semiconductor devices, 14828  
  telemechanics, 14816  
  television, 14939  
  theory and techniques of transmitting discrete signals, 14830  
  wire communications, 14936  
Antarctica, aerial-photographic, topographic-geodetic and cartographic work, 14866  
automatic instruments and equipment, production, 14928  
Caspian depression, structure of south-eastern margin, 14806  
classification table, some principal divisions, 14878  
communications research with dolphins, 14957  
cotton production, etc., addendum, 14159  
critique on Islam, 14947  
eastern regions, coordinating conference on study of earth's crust and upper mantle, 14803  
economy, new directions, 14372  
expansion of scientific research for economic development, 14897  
hydrometeorological service, scientific work at institutes, 14873  
Kurdish people, religious beliefs, 14801  
Lenin prize, mathematics, winner, Nikolya V. Yefimov, 14881

# INDEX

Union of Soviet Socialist Republics—Con.  
 medical radiology, research, 14931  
 metal rolling technology, 14946  
 meteorology, recent literature, 14870  
 news of scientific organizations, 14818, 14926  
 programmed teaching, 14955  
 psychology, goals and achievements, 14919  
 railway, improvement, suggestions and proposals, 14819  
 reviews by colonel on Cornelius Ryan's Last Battle (book), 14925  
 science, probes, by French journalist, 14817  
 scientific press, criticism, 14927  
 social science in secondary schools, syllabus of new course, 14564  
 Soviet clergyman attacks U.S. action in Dominican Republic, 14904  
 space program, developments, 14885  
 space vehicle Voskhod, superior technical features, 14863  
 textbooks for schools, 14565  
 travel of foreign nationals, regulations governing, 14847  
 view of contemporary Turkey, 14839  
 weather satellites, views and developments, 14883  
 winners of 1965 Mendeleyev Society prizes in chemistry, 14930  
 United Kingdom of Great Britain and Northern Ireland, *see* Great Britain.  
 United Nations, ceremonies marking deposits of United States' instrument of ratification of Asian Development Bank (remarks), 15400  
 United Planning Organization, District of Columbia, antipoverty programs investigation, hearing, 14415  
 United States:  
     NOTE:—For all subjects pertaining to the United States, except its government, general history, and description, *see* such subjects.  
     travel directions, travel new world, *see* U.S.A.—  
         Dutch edition, 15411  
         French edition, 15404  
         Spanish edition, 15403  
     welcome to U.S.A.—  
         French edition, 15402  
         Spanish edition, 15401  
 United States Corrections Service, create, hearings, 14429  
 Universal transloader moves delicate equipment without stress, 15114  
 UPO, *see* United Planning Organization.  
 Upper atmosphere, *see* Atmosphere.  
 Uranium:  
     liquid, metal, and carbon systems, vaporization, 15076  
     supply and demand situation (remarks), 14241  
     United States resources and requirements for civilian power (remarks), 14240  
 Urban areas, *see* Cities and towns.  
 Urban planning, *see* Redevelopment (city planning, etc.).  
 Urban renewal, *see* Redevelopment (city planning, etc.).  
 Urine, creatinuria in irradiated primates, 14190  
 Urine analysis, *see* Urine.  
 Uruguay, Argentina boundary, study, 15342  
 USAPRO, *see* Army Personnel Research Office.  
 Use tax, State taxation of interstate commerce, report, print additional copies, report, 14461  
 USSR, *see* Union of Soviet Socialist Republics.  
 Utah:  
     manufacturing plants, location by county, industry, and employment size, 1963 census, 14260

Utah—Continued  
 nonpegmatitic beryllium occurrences, 15029  
 north slope, timber management issues, 14712

## V

Vacuum:  
     high-vacuum technology, testing, and measurement meeting (papers), 15130  
     self-supported aluminum thin films produced by vacuum deposition process, 15117  
     single crystal and polycrystalline aluminum oxide in contact in, friction characteristics, 15190  
     systems, helium permeation of glass, special treatment reduces, 15102  
     thin-film ferrites vapor deposited by one-step process, 15128  
     ultrahigh, produced by titanium sublimation pump, 15118  
 Vacuum gages, *see* Ionization gages.  
 Vacuum systems, automatic protective vent has fail-safe feature, 15099  
 Valves:  
     diaphragm valve for corrosive and high temperature fluid flow control, unique features, 15096  
     gas-injection, operates at high speed, 15111  
 Vaporization, liquid uranium, metal, and carbon systems, 15076  
 Vapors, thin-film ferrites deposited by one-step process in vacuum, 15128  
 Vaughan, Lucile, nutritional requirements for survival in cold and at altitude, symposia, arctic medicine and biology, 14185  
 Vegetables:  
     fresh, shipments by commodities, States, etc., 14508  
     home freezing, 14137  
     industry, organization and competition, 15215  
 Vegetation, control firebreak maintenance with soil sterilants, 14707  
 Vegetative functions, coordination in man during muscular activity, USSR studies, 14824  
 Vehicles, *see* Motor vehicles—Spacecraft.  
 Velocity, effects on boiling nitrogen, 15138  
 Vending machines, vending of food and beverages, sanitation requirements, 14997  
 Ventilation, crankcase systems on automobiles, performance, 15293  
 Vents, automatic protective vent has fail-safe feature, 15099  
 Vermont:  
     census of manufactures, 1963—  
         area statistics, 14251  
         manufacturing plants, location by county, industry, and employment size, 14254  
 Vessels, *see* Shipbuilding—Shipping—Ships—Warships.  
 Vestibular apparatus, primer of function, spatial disorientation, and motion sickness, 14189  
 Vestnik of USSR Academy of Sciences (periodical):  
     translation, 14792, 14935  
 Veterans, prebed and posthospital care, report of VA committee studying, 14444  
     *see also* Life Insurance.  
 Veterans Administration:  
     career opportunities, count your benefits, 15414  
     Committee Studying PBC and PHC Activity, report, 14444  
     field stations, savings by using more economical fuels, GAO report, 14739  
     medical research program 1965, synopsis, 15413  
 VA pamphlet, 15414



- Veterans Affairs Committee, House : committee print, 14444  
hearings, 14443
- Veterans hospitals, prebed and posthospital activity, report of VA committee studying, 14444
- Veterinarians, Agriculture Department, opportunities, 14145
- Veterinary Biologics Division, notice, 14119
- Veterinary medicine, opportunities for doctors in USDA, 14145
- Vibration :  
in-flight, design equations of swept frequency spectrum analyzers, 15196  
sandwich panels in reduced-pressure environment, characteristics, 15163
- Vietnam :  
Armed Forces members serving in foreign areas, additional accumulation of leave, hearings, 14410  
geographic aspects of struggle, 15340  
Republic—  
agricultural commodities, agreement, 15349  
refugee problems, report, 14389  
South, see, above, Republic.
- Vinti, John P., computation procedure for his accurate reference orbit with inclusion of 3d zonal harmonic, 15170
- Viral aerosols, see Aerosols.
- Virgin Islands, reapportionment of legislature, amend organic act, report, 14394
- Virginia, census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258
- Visas, see Passports.
- Viscosity, hypersonic laminar viscous interaction effects on aerodynamics of wedges, etc., 15153
- Vision, see Sight.
- Visiting housekeepers, International Congress on Home Help Services, proceedings, 15427
- Visors, two percent gold, evaluation, 14195
- VISTA, see Volunteers in Service to America.
- Visual perception, see Perception.
- Vital statistics :  
data evaluation and methods research, 15305  
data from national health survey, 15306-310
- Vocational education, review of activities in Federally aided programs, 14563
- Vocational rehabilitation, see Rehabilitation of the disabled.
- Volga Germans in Soviet Central Asia, 14934
- Voluntary Home Mortgage Credit Program, rural home financing, 14535
- Volunteers in Service to America, amendments to economic opportunity act, hearings, 14498
- Vortex motion, high-level mesovortex, characteristics, USSR study, 14875
- Voskhod (spaceship) :  
Soviet space vehicle, superior technical features, 14863
- Voting, where votes are, profile of mid-1960's, rel. to voting habits of future, 14451
- W**
- Wage and Hour and Public Contracts Divisions :  
publications, list, 15416  
questions and answers, QA-IND series, 15417
- Wages :  
area survey, metropolitan area—  
Akron, Ohio, 14976  
Charleston, W. Va., 14971  
Chicago, Ill., 14970  
Lawrence-Haverhill, Mass.-N.H., 14975  
Muskegon Heights, Mich., 14972  
New York City, 14977  
Norfolk-Portsmouth and Newport News-Hampton, Va., 14974  
Spokane, Wash., 14973
- Wages—Continued  
employee earnings, retail trade, June 1965, summary release, 14984  
industry survey, cotton textiles, 14979  
minimum, State legislation, weapon in war on poverty, 15431
- Wagner, C. A. :  
drift of inclined-orbit 24-hour satellite in earth gravity field through 4th order, 15136  
gravity potential and force field of earth through 4th order, 15137
- Wales, plant quarantine requirements, 14116
- Walker, Charles R., relation of chemical structure to fish toxicity in nitrosacylanilides, etc., 14674
- Walker, Forrest E., forms of sulfur in U.S. coals, 15010
- Walsh-Henley public contracts act, see Government contracts.
- Walz, Joseph E., thermal distortions of thin-walled paraboloidal shells, 15161
- Wan Kin Chung, see Won, Chung K.
- Wang, James T.-S., axisymmetric response of cylindrical, etc., shells to loading, 15069
- Wann, E. V., commercial growing of sweet corn, 14135
- War, innovation and reform in warfare, 14166
- Ward, Robert D., relief, 14352
- Warfare, see War.
- Warships, loan to, Spain, agreement, 15353
- Washington, D.C., see Capital of United States.
- Washington, George, Memorial Parkway, see George Washington Memorial Parkway.
- Washington State :  
census of manufactures, 1963, area statistics, 14252  
recreational opportunities, study team report, hearings, 14488  
print additional copies, report, 14399
- Wasicke, Richard J., application of approach speed criteria derived from closed-loop pilot-vehicle systems analyses to ogee wing aircraft, 15072
- Wasserbauer, Joseph F., 5-centimeter-diameter electron-bombardment thruster with permanent magnets, 15199
- Water :  
Alabama, used in mineral industry, 15033  
cleanup and confirmation of identity of pesticide residues by thin-layer chromatography, 14113  
condensed, in thunderstorms, measurements, 15421  
conservation—  
abstracts of materials published, 14101  
fund, 1st year and half, 15255  
displacement, measures human body density and fat of adult male, 14235  
interstate carrier, supplies, by States and Public Health Service regions, inventory, 15255  
Pacific Northwest, annual peak discharge at selected gaging stations, 1965-66, 14745  
quality, Potomac River estuary, 14749  
radiochemical, analysis in reactor, chromatographic separation, USSR study, 14852  
rain traps for intercepting and storing for livestock, 14133  
research, selected summaries, 14648  
resources, administrative regions of Azerbaydzhan SSR, estimate, 14892  
saline water research and development progress reports, 14770-774  
solute and water transport across biologic membranes, 14774  
surface water chemical quality, Heart River drainage basin, N. Dak., 14755  
surface waters quality 1963, United States, 14756



# INDEX

- Water—Continued  
 water in Flatland (remarks), 14753  
 water supply papers, 14754-756  
 well drilling in United States, regional trends, 14750
- Water birds, hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations governing, 14673
- Water carriers, operations, exemptions from certain provisions of shipping act, 1916, report, 14456
- Water pollution:  
 control is now necessity (remarks), 14768  
 control, Southeastern comprehensive project, 14649  
 seas, by oil, international convention for prevention, amendment, implementing, report, 14464
- Waterborne commerce, see Commerce.
- Waterfowl, see Water birds.
- Waters, William J., columbium-modified NASA TAZ-8 superalloy, investigation, 15188
- Waterways Experiment Station:  
 publications, list, 14573  
 technical reports, 14575-576
- Watkin, William W., jr., appointment, 14335
- Waves, see Radio waves.
- Ways and Means Committee, House, committee prints, 14445-446
- Weapons, nuclear, principles, Navy training text, 15248
- Wearing apparel, see Clothing.
- Weather:  
 adverse, hampered Lake States pulpwood production, 14702  
 aviation weather procedures handbook, change, 14198  
 is it possible to influence?, USSR study, 14797  
 world records, 1951-60, Europe, 14581
- Weather Bureau, operations, semiannual report, 15422
- Weather control, methods to modify clouds, experience, USSR study, 14949
- Weather forecasts:  
 coastal warning facilities charts—  
 Eastport, Me. to Montauk Point, N.Y., 15418  
 Montauk Point, N.Y. to Manasquan, N.J., 15419  
 computerized at Rumanian Atomic Physics Institute, 14841  
 numerical methods, present status, USSR study, 14874  
 numerical model for short-range forecasting of stratiform cloud cover, USSR study, 14795  
 short range, numerical method, international training seminar of WMO, European countries, USSR study, 14868  
 small craft, gale, and whole gale warning facilities charts, 15423-424  
 synoptic-statistical method for forecasting anomalies of seasonal precipitation, USSR study, 14876  
 teletypewriter communications system, modernized, technical report system, description, 15384
- Weather satellites, see Satellites.
- Webster, S. Dak., electrodialysis plant, feed water quality improvement, pilot study, 14773
- Webster County, W. Va., coal, preparation characteristics, 15026
- Wedges, 2-dimensional, hypersonic laminar viscous interaction effects on aerodynamics, 15153
- Weevils, boll weevil control in field experiment with machine designed to destroy shed cotton squares, 14106
- Wegwijzer U.S.A., 15411
- Weight, optimization of straight finned radiators, design procedure, 15143
- Welcome to U.S.A.:  
 French edition, 15402  
 Spanish edition, 15401
- Welding:  
 marine engineering regulations, 14316  
 nonhazardous acid etches weld samples, 15108  
 submerged-arc, USSR study, 14944
- Welfare Administration:  
 social welfare in changing world, place in process of development—  
 French edition, 15426  
 Spanish edition, 15425
- Welfare funds, welfare and pension plans disclosure act, regulations and interpretative bulletins, 14963
- Welfare work, see Public assistance.
- Well drilling, water, in United States, regional trends, 14750
- Wells, J., Robert, feldspar, nepheline syenite, and aplite, 15005
- Wentz, William H., jr., flow fields about delta and double-delta wings at low speeds, 15040
- West, James A., mineral industry of Iraq, 15015
- West (U.S.):  
 Far West, growth patterns in employment by county, 12247  
 insect pests of deciduous fruits, 14130  
 intermountain, fire planning, 14713  
 livestock ranches, 1965, costs and returns, 14529  
 Negro, social and economic conditions, 14983
- West Divide project, Interior Dept. report, 14382
- West Indies, lights and fog signals, list, change, 15237
- West North Central States, see Central States.
- West Virginia, census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258
- Western pine beetles, see Beetles.
- Wetlands, see Swamplands.
- Wheat:  
 commercial farms, Pacific Northwest, Northern and Southern Plains, 1965 costs and returns, 14530  
 stored in Kansas, evaluation of 4 inert dusts for protection from insect attack, 14110  
 variability of wheat yields in Great Plains, 14538
- Whelan, Ronald, relief, 14358
- Where the votes are, 14451
- White, G. D., evaluation of 4 inert dusts for protection of stored wheat in Kansas from insect attack, 14110
- White, Nora D., relief, 14334
- White clover, characteristics, genetics, diseases, etc., 14131
- White House Conference on Education, speeches, 14566
- White House Conference, To Fulfill These Rights, report, 15429
- White-winged doves, see Pigeons.
- Whiting, Wilhelmina F.:  
 metal mining services and miscellaneous ores, census of mineral industries, 1963, industry statistics, 14261  
 stone, 14262
- Whitman Mission National Historic Site, general information, 15225
- Whittlesey, Norman K., alternative land retirement programs, 14162
- Whitton, Rex M., remarks, Aug. 24, 1966, 15316
- Wickenden, Elizabeth:  
 social welfare in changing world, etc.—  
 French edition, 15426  
 Spanish edition, 15425
- Wilderness areas:  
 studies related to wilderness (series), 14747  
 Sycamore Canyon primitive area, Ariz., mineral resources, 14747

**Wildlife:**

- conservation—
  - estuarine areas, preserve, etc., hearings, 14432
  - Hempstead-South Oyster Bay area coastal wetlands, preserve, etc., hearings, 14432
  - protection, and propagation of endangered native species, report, 14459
  - special scientific reports, wildlife series, 14676-677
  - wildlife leaflet, 14680
- Wildlife refuges, refuge leaflets, 14657-672
  - see also names of refuges.
- William L. Finley National Wildlife Refuge, birds, list, 14668
- Williams, G. R., television ophthalmoscopy proceedings of NINDB workshop, 15297
- Williams, Lloyd R., magnesium compounds, 15013
- Williams, Thomas F., address, June 9, 1966, 15270
- Willis, Dawn, E., bibliography on right-of-way acquisition, 15313
- Willis, Edward A., jr., finite-thrust escape from and capture into circular and elliptic orbits, 15194
- Wilson's snipes, see Snipes.
- Winard, Arno L., characteristics of families residing in poverty areas, 14272
- Wind tunnels, low-speed tests of manned flight vehicle with several different parawings of 50° sweep, 15144
- Winding machines, precision winding of cylindrical composites with shaped glass filaments, 15038
- Winds:
  - field in central Asia and southern Kazakhstan, statistical structure, USSR study, 14877
  - steady-state wind circulation in homogeneous ocean, USSR study, 14843
- Wings (aircraft):
  - delta—
    - and double-delta flow fields at low speeds, 15040
    - hypersonic pressure and heat transfer tests, 15047
    - planform surfaces, flutter characteristics, effects of leading-edge sweep at Mach number of 15.4, errata, 15131
  - high-aspect-ratio variable-sweep wing of supersonic transport model, pitch-up study, 15160
  - ogee wing aircraft, application of approach speed criteria derived from closed-loop pilot-vehicle systems analyses, 15072
  - parawings, 50° sweep, applied to manned flight vehicle, low-speed tests, 15144
  - triangular planform, hypersonic laminar viscous interaction effects on aerodynamics, 15153
- Winje, R. A., conceptual design study for Mars entry vehicle damper, 15042
- Wire communication, USSR all-Union scientific session devoted to radio day, 14936
- Wisconsin:
  - manufacturing plants, location by county, industry, and employment size, 1963 census, 14256
  - women workers, 15433
- WMO, see World Meteorological Organization.
- Wohabe, Abdul, relief, 14336
- Women:
  - employment, sex discrimination, laws on, 15430
  - in Armed Forces, 14204
  - why women work, 15432
  - workers, Wisconsin, 15433
- Won, Chung K., relief, 14337
- Won Kan Cheung, see Won, Chung K.
- Won Loy Jung, see Jung Won Loy.
- Wong, Morton M., electrolytes for electro-refining hafnium, 15022
- Wood, see names of articles manufactured from wood.

**Wood pulp:**

- chip production and markets in Lake States, 14701
- Lakes States, production hampered, 14702
- Woodcocks, hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations governing, 14673
- Work, safeguard our Nation's youth on the job (series), 14967
- Workers, see Labor—Women—Youth.
- Working with groups, guide for administration of group services in public welfare, 14588
- Workshop on Group Services:
  - background papers—
    - French edition, 14583
    - Spanish edition, 14584
- Workshops:
  - market development and promotion for agricultural products seminar, 14536
  - sheltered, under Fair labor standards act and Walsh-Healey public contracts act, questions and answers, 15417
  - television ophthalmoscopy proceedings, 15297
- World Meteorological Organization, international training seminar on numerical methods of short-range weather forecasting in European countries, USSR study, 14868
- World War, 1939-45, Chinese people's war, 20th anniversary of victory, commemoration, and national policy, etc., 14690
- World weather records, 1951-60, Europe, 14581
- Worms, see names of worms.
- Wyoming:
  - census of manufactures, 1963, are statistics, 14253
  - Indians, general information, 14765
  - manufacturing plants, location by county, industry, and employment size, 1963 census, 14260

**X**

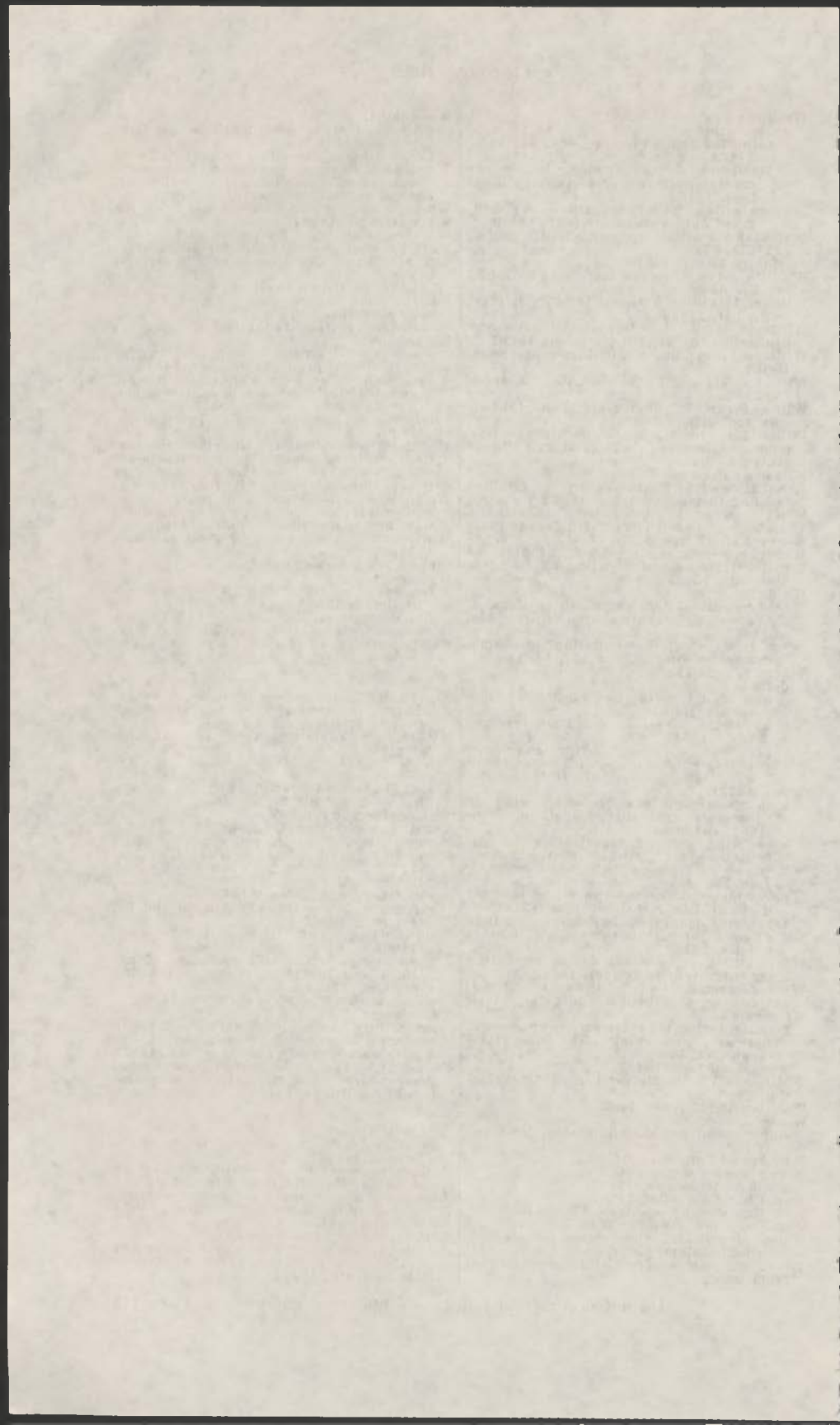
- X-rays, diffraction, power patterns, 15206
- Xanthates, infrared spectroscopy studies of xanthate-galena system, 15021
- XV-9A hot cycle research aircraft, see Aircraft.

**Y**

- Yang, Kimberly A., relief, 14350
- Yellow birch, see Birch.
- Yellow pine, see Pine.
- You and your passport, 15339
- Young, Cortland E., jr., soil sampling small wetland forest plots in Coastal Plain, 14711
- Youth:
  - farmworkers, injuries, 14967
  - safeguard our nation's youth on the job (series), 14967
  - unemployed, Oak Glen training camp, 14961
  - young people's use and appraisal of natural and competing fibers in wearing apparel, 14144
  - young workers, manpower report, 14964
- Yugoslavia:
  - agricultural commodities, agreement, 15369
  - biological warfare agents, comment, 14899
  - NATO and Warsaw Pact analysis, 14812
  - Yukon River and Valley, probable maximum flood above Rampart, Alaska, meteorological conditions, 15420

**Z**

- Zero gravity:
  - pressure drop of nonwetting mercury, errata, 15134
  - pressure losses of condensing mercury in constant-diameter tube, errata, 15133
- Zero power reactors, see Reactors (atomic).
- Zirconium, minerals yearbook chapter, 15034
- Zonal centrifuges, see Centrifuges.
- ZPR-II, see Reactors (atomic).
- Zuk, John, flow and pressure field analysis of parallel groove geometry for incompressible fluid, etc., 15201





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

For Use of Supt. of Docs.

Enclosed

To be mailed

later

## Subscriptions

### Refund

### Coupon refund

### Postage

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

POSTAGE AND FEES PAID  
U.S. GOVERNMENT PRINTING OFFICE

**OFFICIAL BUSINESS**

RETURN AFTER FIVE DAYS

Name \_\_\_\_\_

Street Address \_\_\_\_\_

City, State, and ZIP Code \_\_\_\_\_

**Additional space for your order**

[illegible]

Do not write in space below

Total, \$

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

For Use of Supt. of Docs.

----- Enclosed -----

To be mailed  
later

----- Subscriptions -----

Refund \_\_\_\_\_

Coupon refund .....

Postage \_\_\_\_\_

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

POSTAGE AND FEES PAID  
U.S. GOVERNMENT PRINTING OFFICE

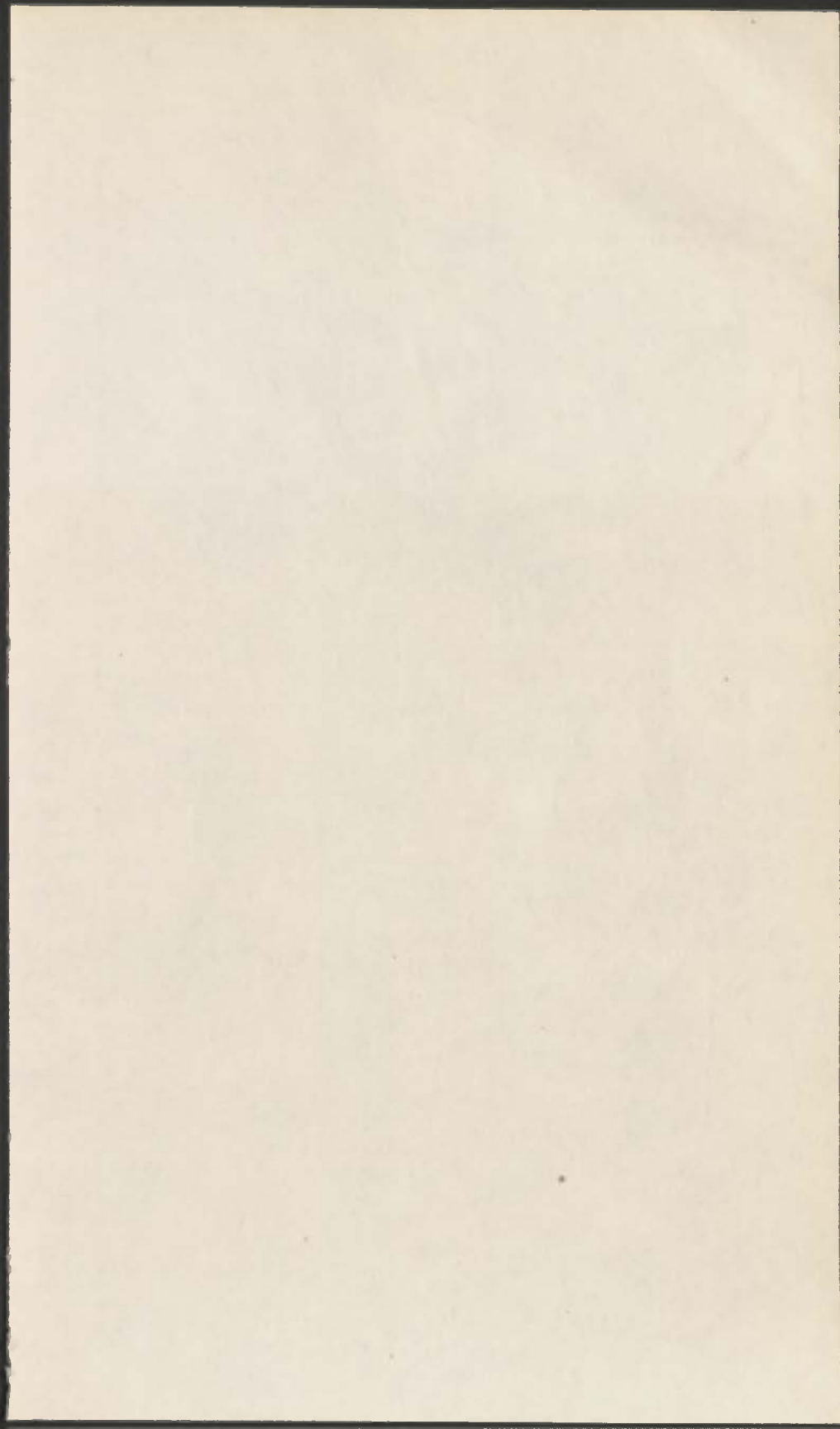
RETURN AFTER FIVE DAYS

Street Address \_\_\_\_\_

City, State, and ZIP Code \_\_\_\_\_







**UNITED STATES  
GOVERNMENT PRINTING OFFICE**

**DIVISION OF PUBLIC DOCUMENTS  
WASHINGTON, D.C. 20402**

---

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID  
U.S. GOVERNMENT PRINTING OFFICE**