

# MONTHLY CATALOG

UNITED STATES

GOVERNMENT PUBLICATIONS

OCTOBER 1970

Entries 12955-15392

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# MONTHLY CATALOG



OF UNITED STATES  
GOVERNMENT PUBLICATIONS

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OCTOBER 1970

Number 909

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Entries 12955-15392

Issued by the SUPERINTENDENT OF DOCUMENTS

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U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 : 1970

L.C. Card 4-18088

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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.

- Airport activity statistics by certified route air carriers, 12 months ended June 30, 1969. (Federal Aviation Administration.) \$2.75. ● TD 4.14: 969
- Amphibious training. (Marine Corps, FMFM 3-2, revised.) \$1.50. ● D. 214.9/4: 3-2/2
- 1967 census of transportation: vol. 1, National travel survey. (Census Bureau.) \$3.00. ● C 3.233/3: 967/v.1
- 1967 census of transportation: vol. 2, Truck inventory and use survey. (Census Bureau.) \$7.25. ● C 3.233/3: 967/v.2
- Controlling the Eastern Tent Caterpillar. (Agriculture Department, Home and garden bulletin 178.) 10c. ● A 1.77: 178
- Directory of State, territorial and regional health authorities. (Public Health Service publication 75; Health Services and Mental Health Administration.) 65c. ● HE 20.2015/2: 970
- Division of Fishery Services annual report for 1969. (Sport Fisheries and Wildlife Bureau, Resource publication 89.) 60c. ● I 49.66: 89
- Farrowing house for sows, plan 6076. (Agriculture Department, Miscellaneous publication 1179.) 15c. ● A 1.38: 1179
- Firearms identification. (Internal Revenue Service, Publication 674, revised Aug. 1970.) 25c. ● T 22.2: F 51/970
- Geology of Renton, Auburn, and Black Diamond Quadrangles. (Geological Survey, Professional paper 672.) \$1.00. ● I 19.16: 672
- Gray Francolins. (Sport Fisheries and Wildlife Bureau, Foreign game leaflet no. 2.) 10c. ● I 49.74: 2
- Growing dahlias. (Agriculture Department, Home and garden bulletin 131, revised.) 10c. ● A 1.77: 131/2
- Growing figs in the South for home use. (Agriculture Department, Home and garden bulletin 87, revised.) 10c. ● A 1.77: 87/4
- Oceanography 1969, annual report of Commander. (Naval Oceanographic Office.) 50c. ● D 203.1: 969
- Parts, testing and tests methods. (National Bureau of Standards, Technical note 498-2.) 45c. ● C 13.46: 498-2
- Planning educational change: vol. 3, Integrating the desegregated school. (Education Office, OE-38016.) \$1.00. ● HE 5.238: 38016
- The pre-retirement years: vol. 2, Longitudinal study of the labor market experience of men. (Labor Department, Manpower/automation research monograph 15.) \$1.25 ● L 1.39/3: 15/v.2
- Price variability in the automobile insurance market. (Transportation Department, Automobile and Insurance Compensation Study.) \$2.00 ● TD 1.17: P 93
- Proceedings of seventh annual working group on extraterrestrial resources. (National Aeronautics and Space Administration, NASA SP-229.) \$1.50 ● NAS 1.21: 229
- The Russell Mountain formation, a new stratigraphic unit in Western Massachusetts. (Geological Survey, Bulletin 1324-B.) 10c. ● I 19.3: 1324-B
- South African graywing Francolins. (Sport Fisheries and Wildlife Bureau, Foreign game leaflet no. 4.) 10c. ● I 49.74: 4
- Summary of mining and petroleum laws, part 1, Western Hemisphere. (Mines Bureau, Information circular 8482.) \$1.25. ● I 28.27: 8482

- Symposium on infectious multiple drug resistance. (Food and Drug Administration.) \$1.00 ● HE 20.4002: D84
- Task Force report on air pollution. (President of the United States.) 30c. ● Pr 37.8: A17/R 29
- Tax guide for small business. (Internal Revenue Service, Publication 334, 1971 edition.) 75c. ● T 22.19/2: Sm 1/971
- They have the power, we have the people. (Equal Employment Opportunity Commission.) 55c. ● Y 3.Eq 2: 2 P 87
- Vacuum freezing vapor compression process: 60,000 GPD pilot plant evaluation. (Interior Department, Saline water research and development progress report 573.) \$1.00. ● I 1.88: 573
- Vertical tube evaporator utilizing vortex flow and interface enhancement. (Interior Department, Saline water research and development progress report 574.) 75c. ● I 1.88: 574
- Why not be an urban planner. (Women's Bureau, Leaflet 49.) 10c. ● L 13.11: 49
- Your Federal income tax. (Internal Revenue Service, Publication 17, 1971 edition.) 75c. ● T 22.44: 971

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## 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.

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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.



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# New Classification Numbers

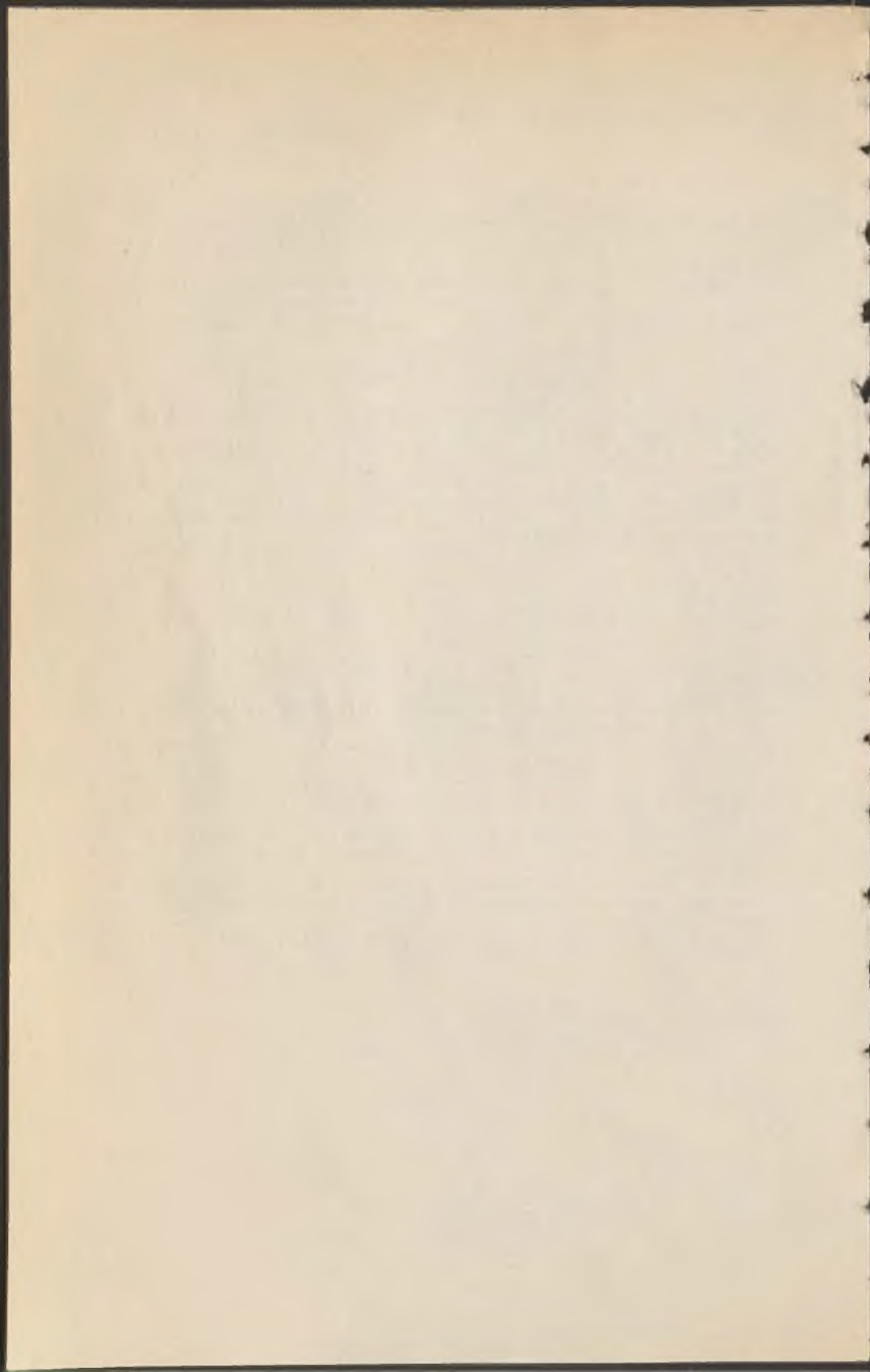
D 119.14 : nos-----	Civil Defense Office. Buildings with fallout protection, design case studies (numbered).
D 203.32 : Reserved	Naval Oceanographic Office.  National Oceanographic Instrumentation Center:
D 203.32/2 : nos-----	Instrument fact sheet, IFS-(series). Naval Personnel Bureau.
D 208.3/2 : date-----	Navy chaplains bulletin (quarterly). Health, Education, and Welfare Department.
HE 1.38 : date-----	Directory of public elementary and secondary schools in selected districts, enrollment and staff by racial/ethnic group. Youth Development and Delinquency Prevention Administration.
HE 17.801 : date-----	Annual report.
HE 17.802 : CT-----	General publications.
HE 20.11 : nos-----	Public Health Service. Public Health Service bibliography series (numbered). NOTE.—See, for earlier class, FS 2.21 : (nos.).
IIE 20.1408 : CT-----	Solid Waste Management Bureau. Handbooks, manuals, guides. NOTE.—See, for earlier publications, HE 20.1108 : (CT).
HE 20.1410 : CT-----	Addresses. Radiological Health Bureau.
HE 20.1501 : date-----	Annual report.
HE 20.1502 : CT-----	General publications.
HE 20.1503 : -1511 : Reserved	
HE 20.1512 : nos-----	ORO [Office of Regional Operations] (series). NOTE.—See, for earlier class, HE 20.1112 : (nos.)
HE 20.1801 : date-----	Community Environmental Management Bureau. Annual report.
HE 20.1802 : CT-----	General publications.
IIE 20.2314 : date-----	National Communicable Disease Center. United States immunization survey.
HE 20.2421 : CT-----	National Institute of Mental Health. Posters.
HE 20.2500/2 : date-----	Health Facilities Planning and Construction Service. Hill-Burton program progress report (annual). NOTE.—See, for earlier class, FS 2.95 : (date).
HE 20.2557/2 : date-----	Community Health Service. CHScene, notes from the Community Health Service.
HE 20.2611 : date-----	Regional Medical Programs Service. Selected bibliography of regional medical programs. NOTE.—See, for earlier publication, FS 2.24 : M 46/2.
HE 20.2710 : v.nos.& nos-----	Federal Health Programs Service. Automated multiphasic health testing bibliography.



TD 5.3: nos.-----	Coast Guard. Bulletins. NOTE.—See, for earlier class, T 47.3: (nos.).
TD 8.1: date-----	National Highway Safety Bureau. Annual report. NOTE.—See, for earlier class TD 2.201: (date).
TD 8.2: CT-----	General publications. NOTE.—See, for earlier class, TD 2.202: (CT).
TD 8.3: -10: Reserved	
TD 8.10/2: nos.-----	Highway safety literature indexes (annual). NOTE.—See, for earlier class, TD 2.210/4: (nos.).
TD 8.11: DOT HS nos.-----	Multidisciplinary accident investigations (numbered).

### Corrections for Previous Monthly Catalogs

- Sept. 1968. Entry 12759, United States Government organization manual, 1968-69. On second line, following [1968.], insert viii + 842 p.
- Sept. 1969. Entries 12399-400, Community profiles. In heading correct ‡ to read Φ Paper, each \$3.00. In each entry correct [1969] to read [1968].
- Nov. 1969. Entries 15537-612, Community profiles. In heading correct ‡ to read Φ Paper, each \$3.00. In each entry correct [1969] to read [1968].
- May 1970. Page xi, TD 4.412: CT . . . Data reports (numbered). Correct class to read TD 4.34: (nos.).
- Entry 6792, Progress report on Federal housing and urban development programs . . . Mar. 1970. Correct class to read Y 4.B 22/3: H 81/53/970.
- Entries 6890-6967, Community profiles. In heading correct ‡ to read Φ Paper, each \$3.00. In each entry correct [1970] to read [1968].
- June 1970. Entries 8493-94, Community profiles. In each entry correct [1970] to read [1968], and ‡ to read Φ Paper, \$3.00.
- July 1970. Entry 10012, Souris River, N. Dak., letter from Chief of Engineers, Army submitting report; Apr. 21, 1970. Correct class to read D 103.22: So 8/3.
- Entry 10602, Digest of international law, v. 13. Change v. 13 to v. 7.
- August 1970. Entry 10734, Field manual FM 21-11, First aid for soldiers, May 1970. Add ● Item 324 at end of entry.
- Entry 10946, 332, Blue River vicinity of Kansas City, Mo. and Kans. Add on second line following 1970: xxix+183 p. il. 4<sup>o</sup>
- Entry 11103, Plant variety protection act, hearing before subcommittee on Agricultural Research and General Legislation. Correct class to read Y 4.Ag 8/2: P 69/3.
- Entry 11337, FDA current drug information, news and reports of interest to practicing physicians: Lithium carbonate. Correct class to read HE 20.4013: L 71.
- Entry 11761, Source of funds expended for public assistance payments and for cost of administration, services, and training, fiscal year 1969. Correct class to read HE 17.634: 969.
- Sept. 1970. Entries 12401-490, Community profiles. In each entry correct [1970] to read [1968], and ‡ to read Φ Paper, \$3.00.



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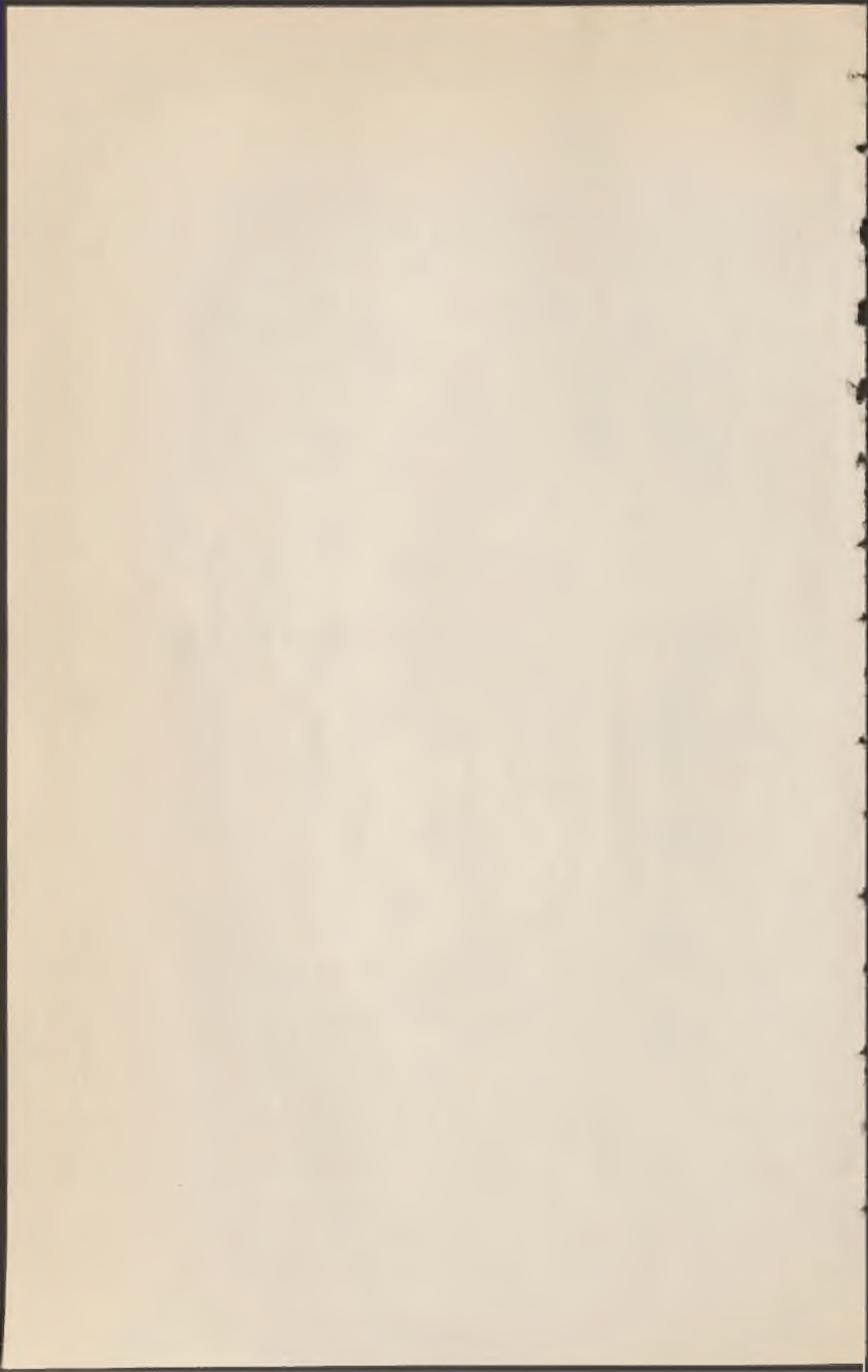
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## ACCOUNTS BUREAU, Treasury Dept. Washington, DC 20220

- 12955 Report on foreign currencies in custody of United States for period July 1-Dec. 31, 1968. [Mar. 24, 1969.] cover title, [1]+55 leaves, 4° †  
T 63.102: C 93/968-2

## ADMINISTRATIVE OFFICE OF UNITED STATES COURTS Washington, DC 20543

- 12956 Reports of proceedings of Judicial Conference of United States, held at Washington, D.C., Mar. 13-14, June 10, and Oct. 31-Nov. 1, 1969; Annual report of Director of Administrative Office of United States Courts, [fiscal year] 1969. 1970. xv+387 p. il. † • Item 728  
L.C. card 41-18702 Ju 10.1: 969

## ADVISORY COMMISSION ON INTERGOVERNMENTAL RELATIONS Washington, DC 20575

- 12957 Gap between Federal aid authorizations and appropriations, fiscal years 1966-1970, staff analysis. June 1970. v+46 p. 4° (M-52.) [Prepared in cooperation with Council of State Governments. Text on p. 2-3 of cover.] \*Paper, 50c. • Item 1049-D  
L.C. card 78-608481 Y 3.Ad 9/8: 2 A1 2

## AGING ADMINISTRATION, Health, Education, and Welfare Dept. Washington, DC 20201

- 12958 Basic concepts of aging, programmed manual; [by] Thomas A. Rich [and] Alden S. Gilmore. July 1969 [published [1970]]. [11]+122 p. il. 4° [Prepared under AOA grant AA-5-68-035-01-A1 by University of South Florida, Tampa, Fla.] \*Paper, \$1.25 • Item 447-A-3  
L.C. card 77-608509 HE 17.308: Ag 4
- 12959 Designs for action for older Americans: Project report on statewide community organization. [May 1970.] 6 p. il. 4° ([SRS-AoA publication 908.]) [Issued with perforations.] \*Paper, 10c. • Item 447-A-5  
HE 17.310: St 2

## AGRICULTURAL RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

### ARS (series).

A 77.15: (Nos.)

- 12960 51-36. Bibliography of insect-resistant packaging, 1913-69; [by Henry A. Highland and C. E. Metts]. Aug. 1970. 16 p. 4° ([Stored-Product Insects Research Branch, Market Quality Research Division]; Agricultural Research Service.) †  
L.C. card 74-608929
- 12961 71-38-2. Publications and patents on fermentation research during 1969 at Northern Utilization Research and Development Division, Peoria, Ill. June 1970. 8 p. 4° †
- 12962 91-83. Cooperative State-Federal tick eradication activities, fiscal year 1969; [prepared by Animal Health Division]. Feb. 1970. 11 p. il. 4° †

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

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## GOVERNMENT PUBLICATIONS

- 12963 Index-catalogue of medical and veterinary zoology: supp. 18, pt. 1, Authors A-Z; by Dorothy B. Segal [and others]. Aug. 1970. iii+646 p. 4° (Beltsville Parasitological Laboratory, Animal Disease and Parasite Research Division.) \* Paper, \$5.50 ● Item 31  
L.C. card 63-65031 A 77.219/2: 18/pt.1
- 12964 Laboratories and functions of Eastern Utilization Research & Development Division, Wyndmoor, Pa. [May 1970.] 26 p. narrow 8° [Text on p. 2 of cover.] † A 77.2: Ea 7/3/970
- 12965 Plant Protection Division, Western Region, cooperative programs, 1969. Oakland, Calif., Jan. 1970. [4]+75 p. il. 4° [Some illustrations are colored.] † A 77.2: P 69/969
- 12966 Summary report of utilization research and development, [fiscal year 1969]. [Apr. 1970.] [1]+75 p. il. 4° †  
L.C. card 78-606645 A 77.2: Ut 3/969

### AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE, Agriculture Dept., Washington, DC 20250

- 12967 1969 annual report and statistical summary of programs administered by Massachusetts State ASCS Office. Amherst, Mass. [1970]. 19+[10] leaves il. 4° †  
L.C. card 70-602006 A 82.1/2: M 38/969
- 12968 ASCS 1969 annual report, West Virginia; [compiled and published by West Virginia State ASCS Office]. Mar. 1970. cover title, iii+[13] leaves, 73 p. 4° (Agricultural Stabilization and Conservation Service, Morgantown, W. Va.) †  
L.C. card 68-62252 A 82.1/2: W 52 v/969
- ASCS background information BI (series).
- 12969 9. Conservation reserve program. Mar. 1970. 8 p. 4° † A 82.82: 9/2
- 12970 Fertilizer supply 1969-70, nitrogen, phosphate, potash [with list of references to current fertilizer data; prepared by John N. Mahan]. Mar. 1970. [1]+i+24 p. 4° †  
L.C. card 52-60877 A 82.77: 969-70
- 12971 Montana 1969 annual report. Bozeman, Mont. [1970.] cover title, [15] leave+[3]+53 p. il. 4° †  
L.C. card 70-600087 A 82.1/2: M 76/969

### AGRICULTURE DEPARTMENT Washington, DC 20250

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

- 12972 Address by Assistant Secretary Richard E. Lyng before national meeting of Institute of Food Technologists, San Francisco, Calif., May 26, 1970. 1970. 10 p. 4° (7463; USDA 1597-70.) † A 1.40: L 99/2
- 12973 Address by Secretary of Agriculture Clifford M. Hardin before American Agricultural Editors Association at Washington Hotel, Washington, D.C., June 22, 1970. 1970. 10 p. 4° (7692; USDA 1889-70.) †  
A 1.40: H 21/6
- Agriculture handbooks. ● Item 3 A 1.76: (nos.)
- 12974 73. Wood-frame house construction [with list of literature cited]; by L. O. Anderson. Revised July 1970. [1970.] v+223 p. il. 4° (Forest Products Laboratory, Forest Service.) \* Paper, \$2.25.  
L.C. card 70-608522
- 12975 236. Japanese beetle in United States; [by Walter E. Fleming]. [Revised Aug. 1970.] [1970.] [2]+30 p. il. (Agricultural Research Service) \* Paper, 25c.  
L.C. card 78-608658

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



- 12976 360. Fire weather, guide for application of meteorological information to forest fire control operations; by Mark J. Schroeder and Charles C. Buck. May 1970. v+229 p. il. 4° (Forest Service.) [Some illustrations are colored.] \* Paper, \$3.75.  
L.C. card 78-608911
- 12977 374. Manual of carices of Rocky Mountains and Colorado basin [with bibliography]; by Frederick J. Hermann. [July 1970.] [2]+399 p. il. (Forest Service.) \* Cloth, \$3.50.  
L.C. card 77-608864
- 12978 383. Housing for migrant agricultural workers; by J. W. Simons [and others]. [Aug. 1970.] [4]+43 p. il. 4° (Agricultural Research Service.) \* Paper, 50c.  
L.C. card 71-608912
- Agriculture information bulletin.
- 12979 267. Know your soil. [Feb. 1963; slightly revised Aug. 1970.] [1970.] 16 p. il. 4° (Soil Conservation Service.) \* Paper, 20c. ● Item 4  
A 1.75: 267/3
- Home and garden bulletins. ● Item 11 A 1.77: (nos.)
- 12980 17. Food guide for older folks; [prepared by Consumer and Food Economics Research Division, Agricultural Research Service]. Revised June 1959; slightly revised Aug. 1970.] [1970.] 16 p. il. \* Paper, 10c.  
L.C. card 71-608947
- 12981 118. Beef and veal in family meals, guide for consumers; [prepared by Consumer and Food Economics Research Division, Agricultural Research Service]. [Jan. 1967, slightly revised Sept. 1970.] [1970.] [2]+30 p. il. [Supersedes Home and garden bulletin 27, Meat for thrifty meals.] \* Paper, 20c.  
L.C. card 70-608941
- 12982 168. House construction, how to reduce costs; [by Jerry O. Newman, and Norman C. Teter and Constance D. O'Brien. [Aug. 1969; slightly revised Sept. 1970.] [1970.] 16 p. il. ([Agricultural Engineering Research Division, Agricultural Research Service.]) [Prepared in cooperation with members of Western Region Plan Exchange Committee of Cooperative Farm Building Plan Exchange.] \* Paper, 10c.
- 12983 177. How to buy dry beans, peas, and lentils. [June 1970.] 12 p. il. narrow 8° ([Consumer and Marketing Service.]) [Some illustrations are colored.] \* Paper, 25c.
- Household food consumption survey, 1965-66 report.
- 12984 9. Dietary levels of households in South, spring 1965 [with bibliographies; by Consumer and Food Economics Research Division, Agricultural Research Service.]. [July 1970.] cover title, il+117 p. il. oblong 8° \* Paper, \$1.00.  
● Item 11-A  
L.C. card 72-603028  
A 1.86: 9/2
- Leaflets. ● Item 12 A 1.35: (nos.)
- 12985 450. Horse bots, how to control them; [prepared by Entomology Research Division, Agricultural Research Service]. [Revised Sept. 1969, slightly revised July 1970.] [1970.] 8 p. il. \* Paper, 10c.  
L.C. card 75-608475
- 12986 521. Potato leafhopper on alfalfa, how to control it; [prepared by Entomology Research Division, Agricultural Research Service]. [May 1963; slightly revised July 1970.] [1970.] [6] p. il. \* Paper, 10c.  
L.C. card 70-608637
- 12987 547. Commercial growing of horseradish. [Feb. 1968; slightly revised Aug. 1970.] [1970.] 6 p. il. ([Crops Research Division, Agricultural Research Service.]) [Supersedes Leaflet 129, Production and preparation of horseradish.] \* Paper, 10c.
- Marketing bulletin.
- 12988 47. USDA's acceptance service for meat and meat products. [Revised July 1970.] [1970.] 8 p. il. oblong 24° (Consumer and Marketing Service.) \* Paper, 10c. ● Item 13-G  
A 1.95: 47/2
- Marketing research reports. ● Item 13-B A 1.82: (nos.)
- 12989 882. Preliminary evaluation of new candidate materials as toxicants, repellents, and attractants against stored-product insects-1; [by Lehman L. McDonald, Richard H. Guy, and Roy D. Speirs]. [Aug. 1970.] ill+8 p. 4° (Agricultural Research Service.) \* Paper, 15c.  
L.C. card 74-608823
- 12990 889. Sanitary regulation of fluid milk industry, inspection, cost, and barriers to market expansion; [by W. Webster Jones]. [June 1970.] iv+45 p. 4° (Economic Research Division.) [Text on p. 2-3 of cover. Page 45 printed on inside of back cover.] †  
L.C. card 74-608263
- 12991 892. Farm machinery and equipment industry, its changing structure and performance [with list of literature cited; by Paul E. Nelson]. [Aug. 1970.] iv+27 p. il. 4° (Marketing Economics Division, Economic Research Service.) \* Paper, 25c.  
L.C. card 76-608644

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Commerce, Springfield, Va. 22151

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# GOVERNMENT PUBLICATIONS

## Marketing research reports—Continued

- 12992 898. Soybean and cottonseed oils used in shortening and salad and cooking oils, trends, prices, spreads; [by Thomas B. Smith]. [Aug. 1970.] vii+31 p. il. 4° ([Fibers and Grains Branch, Marketing Economics Division], Economic Research Service.) †  
L.C. card 70-608546
- 12993 901. Prices and spreads for potatoes, sweet-potatoes, and other selected vegetables sold in fresh markets, 1962/63-1966/67; [by Victor G. Edman and Alfred J. Burns]. [Sept. 1970.] cover title, ix+146 p. il. 4° (Economic Research Service.) †  
L.C. card 74-608890

## Miscellaneous publications. ● Item 13-A

A 1.38:(nos.)

- 12994 1107. Color filmstrips and slide sets of United States Department of Agriculture. [Revised July 1970.] [1970.] cover title, ii+13 p. [Text on p. 2 of cover.] \* Paper, 20c.
- 12995 1162. Bibliography of potato diseases through 1945, with common and scientific names; [compiled by Muriel J. O'Brien and E. L. LeClerg]. July 1970. [4]+243 p. (Agricultural Research Service.) \* Paper, \$1.25.  
L.C. card 78-608932
- 12996 1164. Hydrologic data for experimental agricultural watersheds in U.S., 1963; compiled by Harold W. Hobbs and James B. Burford, July 1970. iv+465 p. il. 4° (Agricultural Research Service.) [Prepared in cooperation with State agricultural experiment stations. Includes list of additional publications by location.] \* Paper, \$4.00  
L.C. card 65-8527
- 12997 1177. Proceedings of a symposium, secondary impacts of public investment in natural resources, Sept. 25-27, 1968, sponsored by Natural Resource Economics Division, Economic Research Service [papers, with bibliographies]. [1970.] iv+88 p. 4° †  
L.C. card 79-608949

## PA [Program aid] (series). † ● Item 14-A

A 1.68:(nos.)

- 12998 341. Teaching soil and water conservation, classroom and field guide; [by Albert R. Foster and Adrian C. Fox]. [Dec. 1957; slightly revised Aug. 1970.] [1970.] [2]+30 p. il. 4° (Soil Conservation Service.)  
L.C. card 71-608920
- 12999 476. Rural housing loans. [Slightly revised Sept. 1970.] [1970.] [6] p. il. narrow 8° (Farmer Home Administration.)
- 13000 557. Donated foods for disasters, guide for State and local officials. [Revised Aug. 1970.] [1970.] 8 p. il. oblong 24° (Food and Nutrition Service.)

## Picture story.

- 13001 228. Emergency food aid for Cella victims. Aug. 1970. [2] p. il. 4° (Food and Nutrition Service.) †  
A 1.100:228

## Production research reports. ● Item 13-C

A 1.84:(nos.)

- 13002 114. Pathogens and chemicals tested against caterpillars on cabbage [with list of literature cited; by C. S. Creighton, T. L. McFadden, and J. V. Bell]. [July 1970.] [2]+10 p. il. 4° (Agricultural Research Service.) [Prepared in cooperation with South Carolina Agricultural Experiment Station.] \* Paper, 15c.
- 13003 115. Englemann spruce regeneration practices in Rocky Mountains [with list of literature cited; by] Arthur L. Roe, Robert R. Alexander, [and] Milton D. Andrews. [1970.] [2]+iv+32 p. il. (Forest Service.) \* Paper, 20c.
- 13004 Remarks of Assistant Secretary Clarence D. Palmby at joint meeting of Leaf Tobacco Exporters Association and Tobacco Association of United States, at Greenbriar, White Sulphur Springs, W. Va., June 22, 1970. [1970.] 7 p. 4° (7695; USDA 1892-70.) †  
A 1.40:P 18/4
- 13005 Report of Secretary of Agriculture, 1969. [May 1970.] cover title, [2] leaves+84 p. il. †  
L.C. card Agr 31-1035  
A 1.1:969

## Statistical bulletins. ● Item 15

A 1.34:(nos.)

- 13006 233. Changes in farm production and efficiency, summary report, 1970; [prepared in Farm Production Economics Division, Economics Research Service]. [Revised June 1970.] [1970.] iv+17+[1] p. 4° \* Paper, 20c.  
L.C. card 58-2507
- 13007 455. Wool statistics and related data, 1930-69; [compiled by Mildred V. Jones]. June 1970. cover title, iv+294 p. 4° ([Economic and Statistical Analysis Division], Economic Research Division.) [This publication will serve as statistical supplement to Wool situation.] \* Paper, \$2.25.  
L.C. card 70-608952

## Technical bulletin.

- 13008 1421. Sector income and employment multipliers, their interactions on national economy [with list of literature cited; by Robert H. Elrod and Preston E. LaFerne]. [July 1970.] vi+31 p. il. (Economic Research Service.) \* Paper, 20c. ● Item 18  
L.C. card 70-608653  
A 1.36:1421

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

**Harmon memorial lectures in military history.**

- 13009 11. War of Ideas: United States 1870-90; [by] Elting E. Morison. 1969.  
[5]+15 p. il. † (Available to colleges, universities, and libraries). D 305.10:11  
L.C. card 78-608867

**AIR FORCE DEPARTMENT, Defense Dept.  
Washington, DC 20330**

- 13010 Aerospace sciences review, no. 70-2. Aug. 1970. 16 p. il. 4° (AWS recurring publication 105-2.) [Prepared for Air Weather Service by USAF Environmental Technical Applications Center.] † D 301.42/2:70-2

**Air Force Human Resources Laboratory: [Technical reports] AFHRL-TR  
(series). (Personnel Research Division, Air Force Systems Command,  
Lackland Air Force Base, Tex.) † D 301.45/27: (nos.)**

- 13011 70-9. Proficiency differences of pilot and navigator F-4 second-seat crewmembers, southeast Asia evaluation [with list of references]; by C. Wayne Shore [and others]. Apr. 1970. xiii+19+[2] p. 4° ([Project 6323, task 632305.])
- 13012 70-15. Demographic differences in aptitude test performance [with list of references]; by Nancy Guinn, Ernest C. Tupes, William E. Alley. May 1970. viii+23+[2]. p. il. 4° ([Project 7719, task 771902.]) [Brooks Air Force Base, Tex. appears on cover in error.]
- 13013 70-18. 1969 updating of data file for AFOTC management control system [with list of references]; by Ernest C. Tupes [and] Howard L. Madden. June 1970. vii+18+[2] p. 4° ([Project 7719, task 771908.])
- 13014 70-21. Development and standardization of Air Force office qualifying test form K [with list of references]; by Robert E. Miller, June 1970, vii+9+[2] p. 4° ([Project 7717, task 771706.]) [Brooks Air Force Base appears on cover.]

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

- 13015 78-20. See Defense Department, Defense Supply Agency handbook DSAH 4215.17.
- 13016 78-25. See Defense Department, Defense Supply Agency handbook DSAH 4215.18.
- 13017 88-12. chap. 2. See Army Department technical manual 5-848-2.
- 13018 160-37. Medical planning for disaster preparedness, medical service. Sept. 4, 1970. [106] p. il. 4° [Issued with perforations. Supersedes AFM 160-37, July 1, 1962.]
- 13019 162-2. Dental services: Dental technicians manual. Apr. 1, 1970, cover title, [359] p. il. 4° [Issued with perforations. Supersedes AFM 160-3, Mar. 1, 1958. Some illustrations are colored.]

**Air Force pamphlet AFP (series).**

- 13020 211-12. See Army Department, pamphlet 608-27.
- 13021 216-3. See Information for Armed Forces, Offices of, Pocket guide to Japan.

**Air Weather Service: Technical reports. † D 301.40: (nos.)**

- 13022 195. Variability of monthly mean zonal wind, 30-60 km [with list of references and bibliography]; by Lloyd V. Mitchell. Apr. 1970. cover title, v+80 p. il. 4° [Issued with perforations.]
- 13023 215. Mean cloudiness and gradient-level charts over tropics, v. 2, Charts: A. Monthly resultant gradient-level wind, by Gary D. Atkinson; B. Average monthly cloudiness, by James C. Sadler. Aug. 1970. cover title, 48 charts, oblong f° [Text on p. 3 of cover. Published by Air Weather Service (MAC). Charts are colored.]
- 13024 226. Introduction to jet-engine exhaust and trailing vortex wakes [with list of references and bibliography]; by Dale N. Jones. Apr. 1970. cover title, iii+30 p. il. 4° [Issued with perforations.]

- 13025 All the way from the ground up. [1970.] cover title, 14 p. il. 4° [Illustrations are colored.] † ● Item 424 D 301.2: A15

**PACAF [Pacific Air Forces] basic bibliographies for base libraries.  
† Commander-in-Chief, Pacific Air Forces, ATTN: DPSR, Command  
Librarian, APO San Francisco 96553.**

- 13026 Architecture, building and engineering; prepared by Deloris Lawrence. Mar. 15, 1970. [1]+iv+93 p. 4° [Supersedes basic bibliography, dated Mar. 1, 1967 and supplement May 1, 1968.] D 301.62: Ar 2/970  
L.C. card 58-61780

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## PACAF[Pacific Air Forces]basic bibliographies—Continued

- 13027 Communications and electronics; prepared by Harry W. McAnallen. Mar. 15, [1969]. [1]+1v+111 p. 4° [Supersedes basic bibliography, July 1, 1964, supplement 1, Jan. 15, 1966 and supplement 2, Oct. 20, 1967.] D 301.62: C 73/969  
L.C. card 58-61785
- 13028 Korea; prepared by Constance R. Johnson. Mar. 15, 1970. [1]+1v+55 p. 4° [Supersedes basic bibliography, Sept. 1, 1966 and supplement 1, Feb. 15, 1968.] D 301.62: K 84  
L.C. card 72-607035
- 13029 Personnel management; prepared by Mary Louise Sauer. Mar. 1, 1970. [1]+vi +71 p. 4° [Supersedes basic bibliography, May 15, 1968.] D 301.62: P 43/970  
L.C. card 58-61777

## AIR TRAFFIC SERVICE, Transportation Dept. Washington, DC 20553

- 13030 Contractions handbook, Change 3. [July 1, 1970.] [63] p. 4° (7340.1B CHG 3.) [Issued in looseleaf form. Effective Nov. 1, 1970. Cancellation date May 1, 1971.] \*Paper, \$3.75 (including basic handbook and supplementary material for an indefinite period); \$1.00 additional for foreign mailing. ● Item 431-D-1 TD 4.308: C 76/969/ch.3
- 13031 En route air traffic control handbook, Change 4. [June 11, 1970.] [88] p. il. 4° (7110.9A.) [Effective date Oct. 1, 1970. Cancellation date Nov. 1, 1970. Issued in looseleaf form.] † ● Item 431-D-1 TD 4.308: Enl/970/ch.4
- 13032 Facility management handbook, Change 5. [June 10, 1970.] [66] p. il. 4° (7210.3) [Effective date Oct. 1, 1970. Cancellation date Nov. 1, 1970. Cancels notice N 7110.7, May 5, 1970. Issued in looseleaf form.] † ● Item 431-D-1 TD 4.308: F 11/ch.5
- 13033 Flight services handbook, Change 7. [June 16, 1970.] [150] p. 4° (7110.0.) [Effective Oct. 1, 1970. Cancellation date Jan. 1, 1971. Cancels notices N 7110.156 (GENOT 0/90 Apr. 030344Z) and N 7110.157, Apr. 2, 1970. [Issued in looseleaf form.] \*Paper, \$9.00 (including basic handbook and supplementary material for an indefinite period); \$2.50 additional for foreign mailing ● Item 431-D-1 TD 4.308: F64/ch.7

## APPRENTICESHIP AND TRAINING BUREAU, Labor Dept. Washington, DC 20210

- Trade and industry publications. † ● Item 748-A I 23.16:(nos.)
- 13034 2. Apprenticeship schedules covering industrial plant and equipment maintenance trades, 1970 edition. [1970.] cover title, [5]+206 p.  
13035 5. Apprenticeship schedules covering metal working trades, 1970 edition. [1970.] cover title, [5]+167 p. 4°

## ARMY DEPARTMENT, Defense Dept. Washington, DC 20310

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

- D 101.22/3:(nos.)
- 13036 335-1. Reports register of approved recurring reports, July 1970, cover title, vii+142 p. 4° [Issued with perforations. Supersedes AMC 335-1, Feb. 28, 1970.] L.C. card 67-60397
- 13037 706-134. Engineering design handbook: Maintainability guide for design [with bibliographies]. July 1970, cover title, [451] p. il. 4° [Issued with perforations. Supersedes AMCP 706-134, Aug. 28, 1967.] L.C. card 79 608886

### Army Electronics Command, Atmospheric Sciences Laboratory, White Sands Missile Range, N. Mex. :ECOM (series). † D 111.9/4:(nos.)

- 13038 5286. Wind-weighting technique to predict velocity vector azimuth angles for unguided rockets [with list of references]; by Gordon I. Dunaway. Dec. 1969. v+12+[2] p. il. 4° (DA \*ask 1T665702D127-02: report control symbol OSD-1366.)
- 13039 5287. Evaluation of inflatable falling sphere density data [with list of references]; by Robert Olsen. Dec. 1969. v+21+[2] p. il. 4° (DA project 1-T061101A91A; reports control symbol OSD-1366.)

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- 13040 Communications and Electronics Division [who we are and what we do]. [1970.] [101 p. il. (US Army Foreign Science and Technology Center.)] ‡  
• Item 325 D 101.2: C 73/4

Natick Laboratories, Natick, Mass.: Technical reports. ([Army Materiel Command.]) ‡ D 106.21:(nos.)

- 13041 68-60-GP. Use of infrared radiometric microscope in nondestructive determination of flexible package seal defects [with list of literature cited]; by Ramon A. Laupl, Frank Flori and Kwok H. Hu. May 1968. vi+28 +4+[2] p. il. 4<sup>o</sup>. (General Equipment and Packaging Laboratory; project reference 1J624101D552.)
- 13042 69-73-ES. Physical geography and military environment in transect of Utah and Colorado Rockies [with bibliography]; by Will F. Thompson. May 1969. viii+166+17+[2] p. il. 4<sup>o</sup>. (Earth Sciences Laboratory ES-46; project references 1T062112A129.)
- 13043 69-76-GP. Sealing through contaminated pouch surfaces [with list of literature cited]; by Gerald L. Schulz and Raymond T. Mansur. May 1969. vi+20+5+[2] p. il. 4<sup>o</sup>. (General Equipment and Packaging Laboratory; project reference 1J662708D552.)
- 13044 69-79-PR. Evaluation of Army aircrew protective armor in Vietnam by John M. McGinnis, Richard L. Burse and Edward R. Barron. June 1969. vi+51+5+[2] p. il. 4<sup>o</sup>. (Pioneering Research Laboratory, EPT-9; project reference 1C024701A121-02.)
- 13045 70-43-FL. Freeze-drying of food for Armed Services [with selected bibliography]; by J. M. Tuomy. Feb. 1970. vi+42+[6] p. il. 4<sup>o</sup>. (Food Laboratory, FL 107; project reference 1J6-627081D553.)
- 13046 70-58-FL. Controlled atmosphere system laboratory studies on tomatoes [with list of references]; by Harold Gorfien [and others]. Feb. 1970. vi+16 +6+[2] p. 4<sup>o</sup>. (Food Laboratory FL-108; project reference PE 2270.3.)
- 13047 70-64-FL. Response of cooked freeze-dried combination meat items to oxygen [with list of references]; by J. M. Tuomy, L. C. Hinnergardt and R. L. Holmer. May 1970. vi+29+[6] p. 4<sup>o</sup>. (Food Laboratory FL-110; project reference 1J662708D553.)

Pamphlets. • Item 327 (Rev. 1969) D 101.22:(nos.)

- 13048 1-52. Techniques of work simplification, Dec. 14, 1967, Change 1. June 12, 1970. 1 p. 4<sup>o</sup> ‡
- 13049 27-2. Analysis of content. Manual for courts-martial. United States 1969, revised edition. July 1970. cover title, [262] p. 4<sup>o</sup>. [Issued with perforations.] ‡
- 13050 350-33-4. Operator training course: Electronics and communications, radio receiving set AN/PRR-9 and transmitting set AN/PRT-4. June 1970. cover title, [72] p. 4<sup>o</sup>. [Issued with perforations.] ‡
- 13051 360-418. See, below, Information for Armed Forces, Office of. Pocket guide to Japan.
- 13052 550-39. Area handbook for Indonesia [with bibliographies; by John W. Henderson [and others]]. [Research and writing were completed on June 1, 1969.] Mar. 1970. xviii+569 p. il. [Prepared by Foreign Area Studies, American University.] \* Cloth, \$4.00. L.C. card 73-608279
- 13053 550-78. Area handbook for Guatemala [with bibliography; by John Dombrowski [and others]]. Mar. 1970. xiv+361 p. il. [Prepared by Foreign Area Studies (FAS), American University. Research and writing completed Dec. 28, 1968.] \* Cloth, \$3.25. L.C. card 79-607286

Technical bulletin TB (series).

- 13054 385-2. Nuclear weapons firefighting procedures; July 3, 1969. [1969.] 14 p. 4<sup>o</sup> [Includes list of related publications. Issued with perforations. Supersedes TB 385-2, June 6, 1966, and Change 1, Nov. 20, 1968.] \* Paper, 15c. D 101.25: 385-2/2

Technical manual TM (series). ‡ • Item 329 D 101.11:(nos.)

- 13055 5-742. Concrete and masonry [with list of references]. June 1970. cover title, [203] p. il. 4<sup>o</sup>. [Issued with perforations. Contains copyright material reproduced by permission of Portland Cement Association.] L.C. card 77-608951
- 13056 5-820-4. Drainage and erosion control: Drainage for areas other than airfields. July 1965 [with list of references]. [1970.] cover title, [151] p. il. 4<sup>o</sup>. (War Office.) [Reprint which includes current pages from Changes 1 and 2. Formerly EM 1110-345-284, Aug. 14, 1964, redesignated TM 5-820-4 by DA Cir 310-28, May 17, 1965. Rescinds Engineering manual for military construction, pt. 13, chap. 4 (EM 1110-345-284) July 1964. Issued with perforations.]
- 13057 5-848-2. Storage, distribution, and dispensing of aircraft and automotive fuels. June 29, 1970. [1970.] [99] p. il. 4<sup>o</sup>. ([Air Force Dept.] AFM 88-12, Chap. 2.) [Issued with perforations. Supersedes TM 5-848-2 (formerly designated Corps of Engineers manual EM 1110-345-332, July 28, 1960); and AFM 88-12, Chap. 2, July 28, 1960, with Change 1.]

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# GOVERNMENT PUBLICATIONS

## Technical manual TM (series)—Continued

- 13058 10-500 35. Airdrop of supplies and equipment: rigging 5-KW generator set with portable floodlight set [with list of references Mar. 1966, [reprinted 1970], cover title, 13+ [1] p. il. 4° (Air Force Dept.; Technical order TO 13C7-40-11.) [Includes current pages from Changes 1-3. Issued in looseleaf form.]

## Technical research reports. (Behavioral Science Research Laboratory.) D 101.60/2:(nos.)

- 13059 1159. Development of improved aptitude area composites for enlisted classification [with list of literature cited; by] Milton H. Maier and Edmund F. Fuchs, Sept. 1969. [8]+46 p. il. 4° (Military Selection Research Division, Army project 2Q062106A722, Differential classification b-00.) ♦ Paper, \$3.00 (AD-701134).
- 13060 1160. Summary of BESRL [Behavioral Science Research Laboratory] surveillance research [with list of literature cited; by] A. H. Birnbaum [and others.] Sept. 1969. [8]+56 p. il. 4° (Support Systems Research Division; Army project 20662704A721, 20662704A732, Surveillance systems.) ♦ Paper, \$3.00 (AD 701907).
- 13061 U.S. Army register: v. 4, Officers' honorary retired list, Jan. 1, 1970. [2]+8 p. [Also issued as H. doc. 250, pt. 4, 91st Cong., 2d sess.] \* Paper, 10c. ● Item 332  
L.C. card 4-18250 D 102.9: 970/v.4
- 13062 Where the leaders are . . . [May 1970.] [20] p. il. narrow 8° ([RPI 699-B.]) † ● Item 325 D 101.2: L 46/970

## ARMY MEDICAL DEPARTMENT, Defense Dept. Washington, DC 20310

NOTE.—The name of the Army Medical Service was changed to Army Medical Department by PL 90-329, approved June 4, 1968.

- 13063 U.S. Army Medical Research and Development Command, medical research support. Jan. 1970. cover title, 14 p. narrow 8° † ● Item 351-A  
D 104.2: M 46/3/970

## ATOMIC ENERGY COMMISSION Washington, DC 20545

- 13064 AEC news release index, Jan.-June 1970; prepared by Theodore F. Davis. July 1970. [3]+8 p. 4° (Division of Technical Information Extension.) † U.S. Atomic Energy Commission, Division of Public Information, Washington, DC 20545  
L.C. card 59-62302 Y 3.At 7: 44 N 47/970

## AEC research and development reports Y 3.At7: 22/(letters-nos.)

- 13065 BNL 50218 (T-560). Concrete-polymer materials, 2d topical report [with list of references; by] M. Steinburg [and others]. Dec. 1969. vii+73 p. il. 4° [Prepared by Radiation Division, Department of Applied Science, Brookhaven National Laboratory, Associated Universities, Inc., Upton, N.Y. and Division of Research, Bureau of Reclamation, Denver, Colo., for Division of Isotopes Development, Atomic Energy Commission, Bureau of Reclamation, Department of Interior, and Office of Saline Water, Department of Interior.] ♦ Paper, \$3.00.
- 13066 CONF-680529. Myeloproliferative disorders in man and animals. [proceedings of 8th annual Hanford Biology Symposium, Richland, Wash., May 20-23, 1968, papers with lists of references; edited by W. J. Clarke, E. B. Howard and P. L. Hackett]. [June 1970.] cover title, xi+165 p. il. 13 p. of pl. 4° (AEC symposium series 19; Division of Technical Information.) [Sponsored jointly with Battelle Memorial Institute, Pacific Northwest Laboratory. Plates are colored.] ♦ Paper, \$3.00.
- 13067 CONF-691101. 2d International Conference on Accelerator Dosimetry and Experience, held at Stanford Linear Accelerator Center, Stanford, Calif., Nov. 5-7, 1969 [with lists of references]. [1970.] cover title, x+872 p. il. 4° [Co-sponsored by Operational Safety Division, AEC, and Stanford Linear Accelerator Center.] ♦ Paper, \$3.00.

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- 13068 CONF-691212. Medical radionuclides: Radiation dose and effects, [proceedings of symposium held at Oak Ridge Associated Universities, Dec. 8-11, 1969, papers with bibliographies; Roger J. Cloutier and others, editors]. [June 1970] cover title, ix+528 p. il. 4° (AEC symposium series 20; Division of Technical Information.) [Symposium sponsored by U.S. Public Health Service, Environmental Health Service, Bureau of Radiological Health and Division of Biology and Medicine, U.S. Atomic Energy Commission.] ♦ Paper, \$3.00.
- 13069 CONF-700101. Symposium on engineering with nuclear explosives, Jan. 14-18, 1970, Las Vegas, Nev., proceedings [papers, with bibliographies] [May 1970.] cover title 2 v., [xvi]+1785 p. il. 4° [Symposium sponsored in cooperation with American Nuclear Society.] ♦ Paper, \$6.00 per 2 v. set.
- 13070 CONF-700207. Southern Governors Conference on transportation of nuclear spent fuel [proceedings], presented by Southern Interstate Nuclear Board, Atlanta, Ga., Feb. 5-6, 1970. [1970.] cover title, iv+167 p. il. 4° [Addendum, 8 p. il. 4°, was issued also.] ♦ Paper, \$3.00.
- 13071 HASL-227. Health and Safety Laboratory fallout program, quarterly summary report [Mar. 1-June 1, 1970; prepared by Edward P. Hardy, Jr.]. July 1, 1970. cover title, [195] p. il. 4° [Includes list of recent publications related to radionuclide studies.] ♦ Paper, \$3.00. L.C. card 68-62525
- 13072 HASL-227. Health and Safety Laboratory fallout program, quarterly summary report, [Mar. 1-June 1, 1970] appendix. July 1, 1970. cover title, [401] p. il. 4° ♦ Paper, \$3.00.
- 13073 HASL-228. Calculation of dose and dose-equivalent rates to man in atmosphere from galactic cosmic-rays [with list of references; by Keran O'Brien and James E. McLaughlin]. May 1970. cover title, [6]+22 p. il. 4° (Health and Safety Laboratory, New York Operations Office (AEC), New York, N.Y.) ♦ Paper, \$3.00.
- 13074 IS-2058. Bibliography of mass spectroscopy literature for last half of 1967, compiled by computer method; [J. Capellen and others, compilers]. June 1970. cover title, xvii+458 p. 4° (Ames Laboratory, Ames, Iowa; [contract W-7405-eng-82].) ♦ Paper, \$3.00.
- 13075 NBL-252. Titrimetric determination of uranium in product, fuel, and scrap materials after ferrous ion reduction in phosphoric acid: pt. 1, Manual titration, [by A. R. Eberle and others]; pt. 2, Automatic titration, [by C. G. Goldbeck, M. W. Lerner, and C. J. Rodden]. July 1970. cover title, iii+40 p. il. 4° (New Brunswick Laboratory, (AEC) New Brunswick, N.J.) ♦ Paper, \$3.00.
- 13076 ORAU-109. Theory of quantitative radiation-response time-data [with list of references]; by Per-Erik E. Bergner. Oct. 1969. cover title, [2]+25 p. il. 4° (Medical Division, Oak Ridge Associated Universities, Inc., Oak Ridge, Tenn.) ♦ Paper, \$3.00.
- 13077 PNE-330. Plowshare, civil, industrial, and scientific uses for nuclear explosives: [Project] Buggy, Special cloud content studies [with list of references; by Jerry J. Cohen]. July 10, 1970. cover title, iii+20 p. il. 4° ([Lawrence Radiation Laboratory], University of California, Livermore, Calif.) ♦ Paper, \$3.00.
- 13078 PNE-522. Plowshare, civil, industrial, and scientific uses for nuclear explosives: Project Schooner, contribution to analysis of seismic data from cratering and contained events, final report, [with list of references; by W. W. Hays, R. A. Mueller, C. T. Spiker, Jr.]. June 30, 1970. cover title, [111] p. il. 4° (Environmental Research Corporation, Alexandria, Va.; [contract AT(29-2)-1163].) ♦ Paper, \$3.00.
- 13079 PNE-908F. Plowshare, civil, industrial, and scientific uses for nuclear explosives: Palanquin, scientific photography, final report; [by D. Wilson and R. W. Brower]. July 17, 1970. cover title, 51 p. il. 4° (EG & G Inc.; [Contract AT(29-1)-1183].) ♦ Paper, \$3.00.
- 13080 PNE-910F. Plowshare, civil, industrial, and scientific uses for nuclear explosives: Palanquin, off-site surveillance, final report [with list of references; by Environmental Surveillance, Southwestern Radiological Health Laboratory, Public Health Service, Health, Education, and Welfare Dept.]. June 26, 1970. cover title, [2]+iv+128 p. il. 4° (Plowshare Program. [Memorandum of understanding SF 54 373.1]) ♦ Paper, \$3.00.

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- AEC research and development reports—Continued**
- 13081 PNE-911F. Plowshare, civil, industrial, and scientific uses for nuclear explosives: Palauquin, on-site radiological safety report, final report; [compiled by Omer W. Mullen] July 17, 1970. cover title, vii+44 p. il. 4° (Plowshare Program. Reynolds Electrical & Engineering Co., Inc.; [contract AT(29-2)-162].)  $\Phi$  Paper, \$3.00.
- 13082 PNE-964. Carbiolet, measurements of subsurface and close-in surface dynamic effects [with list of references; R. E. Marks]. June 30, 1970. cover title, iii+42 p. il. 4° (Plowshare, civil, industrial and scientific uses for nuclear explosives; Lawrence Radiation Laboratory, University of California, Livermore, Calif.)  $\Phi$  Paper, \$3.00.
- 13083 RME-4110. Selected bibliography on radio-active occurrences in United States; [by J. Victoria Kruslewski]. May 1970. cover title, 136 p. il. 4° (Division of Raw Materials.)  $\Phi$  Paper, \$3.00.
- 13084 TID-3525. (rev. 5/supp.5) Reactor safety, literature search; [compiled by Henry D. Raleigh]. [June 1970.] cover title, vi+32+53 p. 4° (Division of Technical Information Extension, AEC, Oak Ridge, Tenn.)  $\Phi$  Paper, \$3.00.
- 13085 UCRL-13451. Plowshare, civil industrial and scientific uses for nuclear explosives; Buggy, lidar observations of debris clouds from nuclear cratering detonations [with list of references; by T. H. Collis and John W. Obanas]. June 30, 1970. cover title, x+80 p. il. 4° (Lawrence Radiation Laboratory, University of California, Livermore, Calif.; [contract AT(04-3)-115, project agreement 75].)  $\Phi$  Paper, \$3.00.
- 13086 WASH-1158. Metallurgy and materials programs, FY 1970. [Aug. 1970.] cover title, [1]+11+62+A21+[2] p. 4° (Division of Research.)  $\dagger$   $\bullet$  Item 1051-C
- 13087 Role of public in development and regulations of nuclear power, remarks with list of references by James T. Ramey, Commissioner, Atomic Energy Commission, at Conference on Nuclear Power and Environment, University of Wisconsin, Madison, Wis., Apr. 4, 1970. Apr. 8, 1970. [1]+26 leaves 4° (S-12-70.)  $\dagger$  Y 3.At 7: 34 R 14/27 ft

## AVIATION MEDICINE OFFICE, Transportation Dept. Washington, DC 20553

- [Aviation medical report] AM (series). TD 4.210:(nos.)
- 13088 69-24. Fidelity of simulation and transfer of training, review of problem [with list of references]; by Siegfried J. Gerathewohl. Dec. 1969. [4]+18 +[1] p. il. 4°  $\Phi$  Paper, \$3.00.
- 13089 70-7. Pilot heart rate during in-flight simulated instrument approaches in general aviation aircraft [with list of references; by] A. Howard Hasbrook [and] Paul G. Rasmussen. Apr. 1970. [4]+10+[2] p. il. 4°  $\Phi$  Paper, \$3.00.

## BONNEVILLE POWER ADMINISTRATION, Interior Dept. Portland, OR 97208

- 13090 1969 annual report, Federal Columbia River Power System. [Dec. 31, 1969.] [2]+70 p. il. 4° [Colored illustrations on p. 1-4 of cover.]  $\dagger$  I 44.1: 969  
L.C. card 46-26148

## BUDGET BUREAU, Executive Office of the President Washington, DC 20503

- 13091 Standardized Government travel regulations, revised, effective Mar. 1, 1965. [n.d.] vi+42 p. oblong 48° \* Paper, 20c.  
L.C. card 30-25224 PrEx 2.6: T 69/965

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

- 13092 Economy at midyear 1970, with industry projections for 1971. [1970.] x+54 p. il. 4° [Prepared in cooperation with Office of Assistant Secretary of Commerce for Economic Affairs.] \* Paper, 60c.  $\bullet$  Item 215  
L.C. card 78-608875 C 41.2: Ec 7/970

\*For Sale by Superintendent of Documents

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$\ddagger$ Official Use. Not Available

- 13093 Foreign free world producers of aluminum wire and cable. [Apr. 1970.] 20 p. 4° † Paper, 15c. C 41.2: A1 8/6
- 13094 United States lumber imports, 1969. July 1970. 7 p. 4° † Paper, 25c. Commerce Department, Sales and Distribution Branch, Washington, DC 20230  
L.C. card 64-65576 C 41.101/2: 969

# CABINET COMMITTEE ON OPPORTUNITY FOR THE SPANISH SPEAKING, 1800 G St., N.W., Washington, DC 20506

NOTE.—The Cabinet Committee on Opportunity for the Spanish Speaking was established by Pub. law 91-181, approved Dec. 30, 1969.

- 13095 Directory of Spanish speaking organizations in United States: July 1970. [1970.] x+[3]+224+[4] p. 4° [Title on cover is: Directory of Spanish speaking community organizations.] † ● Item 1067-K  
L.C. card 77-608446 Y 3.Sp 2/7: 2 D 62

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

- 13096 Bureau of Census, fact finder for nation; [prepared in Statistical Information Division]. [1970 edition.] Apr. 1970. [6]+62 p. il. 4° [Text on p. 2-4 of cover.] \* Paper, \$1.25 ● Item 146  
L.C. card 79-606270 C 3.2: C 33/13/970
- 13097 Census Bureau methodological research, 1969, annotated list of papers and reports; [prepared by Deane Harris]. Aug. 1970. [4]+17 p. 4° ([History and Research Reports Branch, General Reports Division.]) \* Paper, 35c. ● Item 138  
L.C. card 75-602088 C 3.163/4: M 56/969
- 13098 1970 census information available for redistricting. [July 1970.] cover title, 20 p. 4° [Text on p. 2 of cover. Earlier version published as House report 91-1024 91st Congress, 2d session.] †  
L.C. card 70-607884 C 3.2: R 24
- 1967 census of business: Retail trade, merchandise line sales BC67-MLS (series). ([Business Division.]) C 3.202/19: 967/(nos.)
- 13099 6. California. Sept. 1970. v+181 p. il. 4° \* Paper, \$1.50. ● Item 132-A-6  
13100 7. Colorado. Aug. 1970. v+74 p. il. 4° \* Paper, 65c. ● Item 132-A-7  
13101 8. Connecticut. Sept. 1970. v+118 p. il. 4° \* Paper, \$1.00. ● Item 132-A-8  
13102 9. Delaware. Aug. 1970. v+51 p. il. 4° \* Paper, 60c. ● Item 32-A-9  
13103 10. District of Columbia. Aug. 1970. v+49 p. il. 4° \* Paper, 60c. ● Item 132-A-10
- 13104 17. Iowa. [Aug. 1970.] cover title, v+85 p. il. 4° \* Paper, 70c. ● Item 132-A-18
- 13105 21. Maine. Aug. 1970. v+63 p. il. 4° \* Paper, 65c. ● Item 132-A-22  
13106 22. Maryland. Aug. 1970. v+60 p. il. 4° \* Paper, 65c. ● Item 132-A-23  
13107 23. Massachusetts. Aug. 1970. v+115 p. il. 4° \* Paper, \$1.00. ● Item 132-A-24  
13108 24. Michigan. July 1970. v+124 p. il. 4° \* Paper, \$1.25. ● Item 132-A-25  
13109 25. Minnesota. Aug. 1970. v+71 p. il. 4° \* Paper, 65c. ● Item 132-A-39  
13110 26. Mississippi. Aug. 1970. v+65 p. il. 4° \* Paper, 65c. ● Item 132-A-27  
13111 29. Nebraska. [Aug. 1970.] cover title, v+68 p. il. 4° \* Paper, 65c. ● Item 132-A-30
- 13112 30. Nevada. Aug. 1970. v+59 p. il. 4° \* Paper, 60c. ● Item 132-A-30  
13113 31. New Hampshire. [Aug. 1970.] cover title, v+51 p. il. 4° \* Paper, 60c. ● Item 132-A-32
- 13114 36. North Dakota. Aug. 1970. v+51 p. il. 4° \* Paper, 60c. ● Item 132-A-37  
13115 37. Ohio. Sept. 1970. v+169 p. il. 4° \* Paper, \$1.25. ● Item 132-A-38  
13116 39. Oregon. Sept. 1970. v+74 p. il. 4° \* Paper, 65c. ● Item 132-A-40  
13117 41. Rhode Island. Aug. 1970. v+53 p. il. 4° \* Paper, 60c. ● Item 132-A-41  
13118 45. Texas. Sept. 1970. v+200 p. il. 4° \* Paper, \$1.50. ● Item 132-A-46  
13119 46. Utah. Sept. 1970. v+66 p. il. 4° \* Paper, 65c. ● Item 132-A-47  
13120 48. Virginia. Sept. 1970. v+87 p. il. 4° \* Paper, \$1.00. ● Item 132-A-50  
13121 50. West Virginia. July 1970. v+70 p. il. 4° \* Paper, 65c. ● Item 132-A-52

1967 census of construction industries, industry statistics, CC 67-I (series). ([Construction Statistics Division.]) ● Item 133-D-2  
C 3.245/3: CC 67-I/(nos.)

- 13122 2. General building contractors, SIC code 1511. July 1970. viii+16 p. 4° \* Paper, 35c.

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## 1967 census of construction industries—Continued

- 13123 4. Heavy construction, except highway and street construction, contractor, SIC code 1621. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13124 5. Plumbing, heating (except electric), and air conditioning special trade contractors, SIC code 1711. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13125 6. Painting, paper hanging, and decorating, special trade contractors, SIC code 1721. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13126 7. Electrical work, special trade contractors, SIC code 1731. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13127 8. Masonry, stone setting, and other stonework special trade contractors, SIC code 1741. June 1970. viii+16 p. 4° \* Paper, 35c.
- 13128 9. Plastering and lathing, special trade contractors, SIC code 1742. June 1970. viii+16 p. 4° \* Paper, 35c.
- 13129 10. Terrazzo, tile, marble, and mosaic work, special trade contractors, SIC code 1743. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13130 11. Carpentering, special trade contractors, SIC code 1751. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13131 12. Floor laying and other floor work, special trade contractors, N.E.C., SIC code 1752. Aug. 1970. viii+16 p. 4° \* Paper, 35c.
- 13132 13. Roofing and sheet metal work special trade contractors, SIC code 1761. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13133 14. Concrete work special trade contractors, SIC code 1771. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13134 15. Water well drilling, special trade contractors, SIC code 1781. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13135 16. Structural steel erection, special trade contractors, SIC code 1791. June 1970. viii+16 p. 4° \* Paper, 35c.
- 13136 17. Ornamental metal work, special trade contractors, SIC code 1792. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13137 18. Glass and glazing work special trade contractors, SIC code 1793. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13138 19. Excavating and foundation work, special trade contractors, SIC code 1794. July 1970. viii+15 p. 4° \* Paper, 35c.
- 13139 20. Wrecking and demolition work, special trade contractors, SIC code 1795. July 1970. viii+16 p. 4° \* Paper, 35c.
- 13140 21. Installation or erection of building equipment, special trade contractors, SIC code 1796. Aug. 1970. viii+16 p. 4° \* Paper, 35c.
- 13141 22. Special trade contractors, not elsewhere classified, SIC code 1799. Aug. 1970. viii+16 p. 4° \* Paper, 35c.
- 13142 23. Subdividers and developers, except cemeteries, SIC code 6552. Aug. 1970. viii+16 p. 4° \* Paper, 35c.
- 13143 24. Operative builders, SIC code 6561. Aug. 1970. viii+16 p. 4° \* Paper, 35c.

## 1967 census of manufactures: [Industry series] MC 67(2). ([Industry Division.]) [Preprint from v. 2, Industry statistics.] ● Item 136 C 3.24/4: 967/(nos.)

- 13144 20B. Dairy products. Sept. 1970. vi+22+A4 p. 4° \* Paper, 45c.
- 13145 20C. Canned, cured, and frozen foods. Aug. 1970. cover title, vi+39+A4 p. 4° \* Paper, 50c.
- 13146 20F. Sugar and confectionery products; [prepared by H. W. Sedgewick, assisted by Carole A. Klein]. Aug. 1970. vi+25+A4 p. 4° \* Paper, 40c.
- 13147 20I. Miscellaneous foods and kindred products. Aug. 1970. vi+23+A4 p. 4° \* Paper, 40c.
- 13148 22D. Floor covering mills. July 1970. vi+14+A4 p. 4° \* Paper, 40c.
- 13149 27C. Greeting cards, bookbinding, printing trade services. Aug. 1970. vi+22+A4 p. 4° \* Paper, 40c.
- 13150 28E. Paints and allied products; gum and wood chemicals. Aug. 1970. vi+17+A4 p. 4° \* Paper, 40c.
- 13151 32C. Pottery and related products. Aug. 1970. vi+17+A4 p. 4° \* Paper, 40c.
- 13152 35G. Service industry machines and machine shops. Aug. 1970. vi+42+[4] p. 4° \* Paper, 55c.

## 1967 census of manufactures: Special report MC67(S) (series). ([Industry Division.]) [Preprint of corresponding chapter of v. 1, Summary and subject statistics.] ● Item 135 C 3.24/15: 967/(nos.)

- 13153 1. Manufacturing activity in Government establishments. Aug. 1970. [1]+11 p. 4° \* Paper, 25c.
- 13154 2.1. Concentration ratios in manufacturing pt. 1. Aug. 1970. [3]+40 p. 11. 4° \* Paper, 50c.

## 1967 census of transportation: Commodity transportation survey, [commodity groups] TC 67-C3 (series). ([Transportation Division.]) ● Item 160-D C 3.233/3: TC 67-C3-(nos.)

- 13155 3. Printing, publishing and allied industries (except newspapers and periodicals). Aug. 1970. [4]+16 p. 11. 4° \* Paper, 30c.
- 13156 4. Traffic patterns of small manufacturing plants. [1970.] [4]+37 p. 11. 4° \* Paper, 50c.

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## Construction report: Residential alterations and repairs, C50 (series).

- 13157 69A. Expenditures on residential additions, alterations, maintenance and repairs, and replacements, 1969 annual report: pt. 1. All residential properties. Aug. 1970. 31 p. 4° [Issued with perforations.] † Paper, 50c. ● Item C 3.215/8:69 A/pt.1 140-A (Rev.)

## County business patterns, 1969, CBP (series). ([Business Division.]) [Prepared with assistance of Social Security Administration.] ● Item 133-A

L.C. card 49-45747

C 3.204:(nos.)

- 13158 69-3. Alaska. [July 1970.] cover title, ix+15 p. il. 4° \* Paper, 40c.  
 13159 69-10. District of Columbia. [July 1970.] cover title, ix+14 p. il. 4° \* Paper, 40c.  
 13160 69-11. Florida. [July 1970.] cover title, ix+114 p. il. 4° \* Paper, \$1.25.  
 13161 69-15. Illinois. [July 1970.] cover title, ix+158 p. il. 4° \* Paper, \$1.50.  
 13162 69-18. Kansas. July 1970. cover title, ix+81 p. il. 4° \* Paper, \$1.00.  
 13163 69-24. Michigan. [June 1970.] cover title, ix+135 p. il. 4° \* Paper, \$1.25.  
 13164 69-26. Mississippi. [July 1970.] cover title, ix+76 p. il. 4° \* Paper, \$1.00.  
 13165 69-27. Missouri. [July 1970.] cover title, ix+115 p. il. 4° \* Paper, \$1.25.  
 13166 69-32. New Jersey. [July 1970.] cover title, ix+113 p. il. 4° \* Paper, \$1.25.  
 13167 69-34. New York. [July 1970.] cover title, ix+192 p. il. 4° \* Paper, \$1.75.  
 13168 69-37. Ohio. [July 1970.] cover title, ix+184 p. il. 4° \* Paper, \$1.75.  
 13169 69-40. Pennsylvania. [July 1970.] cover title, ix+191 p. il. 4° \* Paper, \$1.75.  
 13170 69-45. Texas. [July 1970.] cover title, ix+230 p. il. 4° \* Paper, \$2.00.  
 13171 69-48. Virginia. [July 1970.] cover title, ix+129 p. il. 4° \* Paper, \$1.25.  
 13172 69-50. West Virginia. [June 1970.] cover title, ix+60 p. il. 4° \* Paper, 70c.  
 13173 69-51. Wisconsin. [July 1970.] cover title, ix+110 p. il. 4° \* Paper, \$1.25.  
 13174 69-53. Puerto Rico, American Samoa, Guam, Virgin Islands. July 1970. cover title, xi+73 p. il. 4° \* Paper, \$1.00.

## Current population reports: Series P-25, Population estimates and projections. \* Paper, \$14.00 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$3.50 additional for foreign mailing; single copy prices vary. ● Item 142-C

C 3.186: P-25/(nos.)

- 13175 448. Projections of population of United States, by age and sex (interim revisions), 1970-2020: [prepared by Richard Irwin and Signe Wetrogan]. Aug. 6, 1970. cover title, i+50 p. 4° [Illustration on cover. Issued with perforations. National population projections given in this report supersede those published in Current population reports, series P-25, no. 381.] \* Paper, 50c.

## Current population reports: Series P-60, Consumer income. \* Paper, \$14.00 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$3.50 additional for foreign mailing; single copy prices vary. ● Item 142-C

C 3.186: P-60/(nos.)

- 13176 72. Household income in 1969 and selected social and economic characteristics of households. Aug. 14, 1970. 19 p. 4° \* Paper, 20c.

## Current population reports: Series P-65, Consumer buying indicators. \* Paper, \$14.00 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$3.50 additional for foreign mailing; single copy prices vary. ● Item 142-C

C 3.186: P-65/(nos.)

- 13177 32. Recent purchases of cars, houses, and other durables and expectations to buy during months ahead, survey data through July 1970. Aug. 20, 1970. ii+18 p. \* Paper, 20c.

## Data access description: Census tabulations available on computer tape series CT-. [Intended as introduction to means of access to Census Bureau data for persons with data requirements not fully met by printed reports. Issued with perforations.]

- 13178 5. Printed reports from 1970 census, housing, v. 2. Aug. 1970. 9 p. 4° [Issued with perforations.] † ● Item 142-D C 3.240/5:5

## Government finances, GF 69 (series). ● Item 146-E

C 3.191/2:969/(nos.)

- 13179 4. City government finances in 1968-69. Aug. 1970. [3]+67 p. 4° ([Governments Division.]) \* Paper, 65c.  
 L.C. card 34-28211  
 13180 5. Governmental finances in 1968-69. [Sept. 1970.] [4]+56 p. il. 4° ([Governments Division.]) \* Paper, 60c.  
 L.C. A59-10097

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 Commerce, Springfield, Va. 22151

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# GOVERNMENT PUBLICATIONS

United States maps GE-50 (series).

- 13181 14. American Indians in the United States, 1960: prepared by Geography Division. Scale 1:5,000,000; 500 m.-6 in. 1967. 30 x 42 in. [Albers equal area projection, standard parallels  $29\frac{1}{2}^{\circ}$  and  $45\frac{1}{2}^{\circ}$ . Data from 1969 census of population. Issued in colors. \* Paper, 50c. C 3.62/4: 14  
L.C. card 79-653815  
Insets:  
Alaska  
Hawaiian Islands

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

Folder.

- 13182 8. Breast feeding your baby. [1965, Revised 1970.] [1970.] cover title, 21 p. il. 12° ([Office of Child Development].) \* Paper, 20c. ● Item 451 HE 21.111: 8

Publication.

- 13183 424. Facts for teenagers: Smoking, health, and you. [1964, reprinted 1970.] cover title, [3]+22+[1] p. il. narrow 8° [Includes list of other Children's Bureau publications.] \* Paper, 15c. ● Item 453 HE 21.110: 424  
L.C. card HEW 64-119
- 13184 Research relating to children, current and recently completed studies on growth and development, personality and adjustment, educational process, exceptional children, child in family, socioeconomic and cultural factors, social services, health services, Apr.-Dec. 1969. [1970.] vi+131 p. 4° (Bulletin 25; Clearinghouse for Research in Child Life.) \* Paper, \$1.25. ● Item 453-A HE 21.112: 25  
L.C. card 52-60018
- 13185 Selected reading suggestions for parents of mentally retarded children: compiled and annotated by Kathryn A. Gorham, Eleanor Ernst Timberg and Coralie B. Moore. 1970. [3]+58 p. 4° \* Paper, 60c. ● Item 450 HE 21.113: M 52/970  
L.C. card 78-608378

## CIVIL AERONAUTICS BOARD Washington, DC 20428

- 13186 Address by Robert T. Murphy, member, Civil Aeronautics Board, before Governor's Transportation Conference, Casper, Wyo., Aug. 25, 1970. 1970. 8 p. 4° † C 31.215: M 95/53

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

Buildings with fallout protection, design case study DCS (series).

- 13187 4. Men's residence halls, University of Dubuque, Dubuque, Iowa, May 1970. [6] p. il. 4° (1, Codes & standards, fallout shelters.) † ● Item 320-B-8 D 119.14: 4
- 13188 Federal civil defense guide: pt. F, chap. 5, app. 2 with annexes 1-4, Federal contributions for civil defense personnel and administrative expenses. June 1970. iv+42 p. 4° [Issued with perforations. Supersedes pt. 5, chap. 5, app. 2 which includes annexes 1-4 and is dated Dec. 1963; and changes 1-9.] † ● Item 320-B-3 D 119.8/4: pt.F/chap.5/app.2/rev.

FG (series).

- 13189 F-3.10. Industrial civil defense management, preparation for wartime and peacetime disaster in industry, Staff College course announcement. July 1970 [2]+24 p. il. narrow 8° [Supersedes FG-F-3.10, Apr. 1969.] † ● Item 320-B-3 D 119.8/3: F-3.10/4

[Leaflet] L (series).

- 13190 68. Civil defense film: In time of emergency. [May 1970.] [4] p. il. oblong 48° [Illustrations are colored.] † ● Item 857-D-5 D 119.13: 68

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†Distribution Made by Issuing Office  
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# OCTOBER 1970

Miscellaneous publication MP (series). † ● Item 852-D-11

D 119.11 : (nos.)

- 13191 20. Publications Index. July 1970. xii+38 p. il. 4° [Issued with perforations. Supersedes MP-20, Mar. 1969.]  
L.C. card 59-61734
- 13192 55. Staff College catalog 1970-71, Battle Creek, Mich. [1970.] cover title. 28 p. il. oblong 12°

## CIVIL RIGHTS COMMISSION Washington, DC 20425

- ✓ 13193 United States Commission on Civil Rights. [1970.] [12] p. il. narrow 8° †  
● Item 288-A CR 1.2: C 49/970

## CIVIL SERVICE COMMISSION Washington, DC 20415

- 13194 ADP Management Training Center. [1970.] cover title, [15] p. 4° (Bureau of Training.) [Form to obtain further information printed on p. 3-4 of cover.] † ● Item 295 CS 1.2: Ad 7/970
- 13195 Amendment to announcement WA-7-51 (local) firefighter (structural) grade GS-4. Apr. 6, 1970. 1 p. oblong 48° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) †  
CS 1.26/4: 967/WA-7-51/amdt.-2
- 13196 Amendment to announcement WAP-004, Federal careers for technicians in engineering and physical science. July 15, 1970. 1 p. oblong 48° (Interagency Board of U.S. Civil Service Examiners.) [Applications for construction representative positions will be accepted only for GS-9 through GS-12 levels.] † CS 1.26/4: 970/WAP-004/amdt.

### Civil service handbook.

- 13197 X-118. Qualification standards for white collar positions under general schedule. Reprinted Mar. 1970. [1161] p. 4° [Includes all changes made in transmittal sheets 1-131. Issued in looseleaf form.] \* Paper, \$12.00 (including basic handbook and transmittal sheets for an indefinite period), \$4.00 additional for foreign mailing. ● Item 290 A  
L.C. card 66-65753 CS 1.45: X-118/rep.970
- 13197A Current Federal civil service announcements, AN-2279, issue 197 Sept.-Oct. 1970. [1970.] [2] p. f° folded into narrow 8° size † ● Item 292  
CS 1.28: 2279/197
- 13198 Job grading standard for leader, WL. June 1970. cover title, 5 p. (Bureau of Policies and Standards.) [From Federal personnel manual FPM supplement 512-1, TS-12, June 1970. Issued with perforations.] \* Paper, 10c.  
CS 1.41/4: 512-1/trans.12/leader
- 13199 Job grading standard for supervisors, WS. June 1970. cover title, [1]+26 p. (Bureau of Policies and Standards.) [From Federal personnel manual FPM supplement, 512-1, TS-12, June 1970. Issued with perforations.] \* Paper, 10c.  
CS 1.41/4: 512-1/trans.12/super.

Pamphlets. ● Item 299 CS 1.48: (letters-nos.)

- 13200 BRE-18. Federal jobs overseas. July 1970. 12 p. narrow 8° \* Paper, 10c.
- 13201 BRE-48. Opportunities in Federal service for veterans. July 1970. [8] p. narrow 8° †
- 13202 SM-59-04. Occupations of Federal blue collar workers. Oct. 31, 1968: [prepared by Bureau of Manpower Information Systems]. [1970.] [3]+ii+40 p. 4° (Manpower Statistics Division.) \* Paper, 50c.
- 13203 SM 70-69A. Preliminary report of minority group employment in Federal government, 1969; prepared by Civil Service Commission. [1970.] [1]+i+78 p. il. 4° \* Paper, 75c.
- 13204 Perk up your grammar, workshop in effective English [with bibliographies]. [1970.] cover title, iv+175 p. il. 4° [Issued with cardboard dividers between chapters.] † ● Item 295 CS 1.2: G 76/970

### Personnel bibliography series.

- 13205 33. Employee benefits and services. 1970. cover title, [2]+150 p. 4° (Library.) \* Paper, \$1.25 ● Item 300-A-1  
L.C. card 74-608657 CS 1.61/3: 33

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Commerce, Springfield, Va. 22151

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# GOVERNMENT PUBLICATIONS

## Personnel management series.

- 13206 22. Supervisory grade-evaluation guide and qualification standard, tool for organization analysis, instrument for job evaluation, aid in selecting competent supervisors. June 1970. [2] + iv + 47 p. (Bureau of Policies and Standards.)  
 \* Paper, 35c. ● Item 300-A  
 L.C. card 72-606714 CS 1.54: 22

## COAL RESEARCH OFFICE, Interior Dept. Washington, DC 20240

### Research and development report.

- 13207 18. Project Western Coal, conversion of coal into liquids, Aug. 25, 1962-Dec. 14, 1969. [final report, with bibliographies]; prepared by George R. Hill [and others]. May 1970. [1] + vi + 127 p. il. 4° (Contract 14-01-0001-271; University of Utah, Department of Mineral Engineering.) \* Paper, \$1.25  
 ● Item 606-C-2 1 63.10: 18

## COAST AND GEODETIC SURVEY, Commerce Dept. Washington, DC 20230

- 13208 Tidal current tables, 1971: Atlantic Coast of North America. 1970. 200 p. il. 6 pl. [Includes list of publications relating to tides and tidal currents.]  
 † Paper, \$2.00. ● Item 190 C 4.22: 971  
 L.C. card 22-26822
- 13209 — Pacific Coast of North America and Asia. 1970. 254 p. il. [Includes list of publications relating to tides and currents.] † Paper, \$2.00. ● Item 191 C 4.23: 971  
 L.C. card 7-35369
- 13210 Tide tables, high and low water predictions, central and western Pacific Ocean and Indian Ocean, 1971. 1970. 386 p. [Index map of tide table coverage on p. 2 of cover. Includes list of publications related to tides and tidal currents.] † Paper, \$2.00. ● Item 196 C 4.15/6: 971  
 L.C. card 7-36369

## COAST GUARD, Transportation Dept. Washington, DC 20591

- 13211 AMVER system, Coast Guard. [1970.] [8] p. il. (Amver 23 (3-70).) † TD 5.2: Au 6  
 L.C. card 43-10843
- 13212 Auxiliary membership qualification guide, amendment 1. Feb. 5, 1970. [17] leaves, pl. (CG-302.) † ● Item 934-A TD 5.8: Au 9/amdt.1  
 Bulletin.
- 13213 55. Report of International Ice Patrol Service in North Atlantic Ocean, season of 1969. [1970.] cover title, 41 p. il. 4° (CG-188-24.) † ● Item 931-A TD 5.3: 55  
 L.C. card 43-10843
- 13214 Courtesy examiners handbook. 1970. cover title, vi + 136 p. il. (CG-289.) [Issued with perforations. Supersedes CG-289, 1966 edition.] † ● Item 934-A TD 5.8: C 53/2
- Oceanographic report.
- 13215 30. Oceanography of Weddell Sea, Jan.-Mar. 1968 [with list of references; by] Robert B. Elder, James M. Seabrooke. Apr. 1970. vi + 98 p. il. 4° (CG 373-30; Coast Guard Oceanographic Unit.) † ● Item 940-B TD 5.15: 36

## COMMERCE DEPARTMENT Washington, DC 20230

NOTE.—Requests to the Commerce Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers which should be used only when ordering from the Superintendent of Documents.

- 13216 Address by Maurice H. Stans, Secretary of Commerce, before Golden Anniversary Convention of American Society of Association Executives, Washington, D.C., Aug. 24, 1970. 13 p. 4° † C 1.18: St 2/45

\*For Sale by Superintendent of Documents  
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# OCTOBER 1970

- 13217 Directory of private programs assisting minority business; prepared by Office of Minority Business Enterprise. May 1970. iv+364 p. 4° \* Paper, \$2.50. ● Item 126 B  
L.C. card 72-603592 C 156: 970
- 13218 Guide to venture capital financing [with bibliography]. [1970.] cover title, 12 p. il. oblong 24° \* Paper, \$22.50 per 100; single copy 30c. ● Item 128-A C 1.8/3: F 49
- Overseas business reports OBR (series). [Issued irregularly.] \* Paper, \$16.00 a yr., \$5.00 additional for foreign mailing; single copy, 15c. (1-3 yr. subs.). ● Item 231-B C 1.50: (nos.)
- 13219 70-16. Foreign trade regulations of West Africa Customs Union (Dahomey, Ivory Coast, Mali, Mauritania, Niger, Senegal, Upper Volta) and Togo; prepared by Daniel E. Gardener. May 1970. 11 p. 4° (Bureau of International Commerce.) [Issued with perforations.]
- 13220 70-25. Basic data on economy of Libya [with bibliography]; prepared by Africa Division, Office of International Regional Economics. July 1970. 22 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 64-112.]
- 13221 70-29. Market profiles for Western Europe and Canada; prepared in European Division, Office of International Regional Economics. July 1970. 22 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 69-29.]
- 13222 70-30. Market profile for Latin America and Caribbean; prepared in American Republics Division, Office of International Regional Economics. July 1970. 24 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 69-32.]
- 13223 70-31. Market profiles for the Near East and South Asia; prepared in Near East-South Asia Division, Office of International Regional Economics. July 1970. 18 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 69-27.]
- 13224 70-33. Basic data on economy of Pakistan; prepared by Frederic W. Slesseger. July 1970. 20 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 66-29.]
- 13225 70-34. Basic data on economy of Australia; prepared by John N. Randolph, jr. July 1970. 27 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 63-43.]
- 13226 70-35. Selling in Denmark [with bibliography]; prepared by Harold A. McNitt. July 1970. 13 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 66-72.]
- 13227 70-36. Useful market surveys and industry reports issued by United Nations Economic Commission for Africa (ECA), supp. 2; prepared by James W. Wilkes. July 1970. 6 p. 4° (Bureau of International Commerce.) [Issued with perforations.]
- 13228 70-38. Establishing business in Saudi Arabia [with bibliography]; prepared by Albert J. Planagan. Aug. 1970. 13 p. 4° (Bureau of International Commerce.) [Issued with perforations.]
- 13229 70-39. Foreign trade regulations of Surinam; prepared by Sadie M. Bone. Aug. 1970. 4 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 64-77.]
- 13230 70-40. Foreign trade regulations of France; prepared by William Nagel. Aug. 1970. 11 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 67-91.]

## COMMERCIAL FISHERIES BUREAU, Interior Dept. Washington, DC 20240

- C.F.S. (series). † ● Item 610-A I 49.8/2: (nos.)
- 13231 5295. Imports and exports of fishery products, 1968-69, annual summary. [June 1970.] 9 p. il. 4°
- 13232 5307. Maryland landings, 1969, annual summary. [July 1970.] 12 p. il. 4° [Prepared in cooperation with Maryland Department of Chesapeake Bay Affairs, Annapolis; Natural Resources Institute, Solomons; Potomac River Fisheries Commission, Colonial Beach, Va.]
- Circulars. † ● Item 609 I 49.4: (nos.)
- 13233 315. Synopsis of biological data on chum salmon, *Oncorhynchus keta* (Walbaum) 1792 [with list of literature cited]; by Richard G. Bakkala. Mar. 1970. iii+89 p. il. 4° ([BCF/S 41]; FAO species synopsis 41.)
- 13234 322. Federal aid program activities, 1970 [with list of publications]; prepared by Division of Federal Aid Staff. July 1970. vi+103 p. 4°
- 13235 340. Bureau of Commercial Fisheries Technological Laboratory, Gloucester, Mass. [June 1970.] [8] p. il. narrow 8°
- Commercial fisheries review, separates. † I 49.10/a: (nos.)
- 13236 750. Wade seine construction and method of use [with list of references]; by Hilton M. Floyd. [1970.] p. 8-11 p. il. 4° [From v. 28, no. 1.]

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# GOVERNMENT PUBLICATIONS

## Commercial fisheries review—Continued

- 13237 832. U.S. fish protein concentrate program; [by] Roland Finch. [1970.] p. 25-30. il. 4° [From Jan. 1969 issue.]
- 13238 874. Experimental saltfish fishing off San Diego, Calif. [with list of literature cited]; by Charles F. Phleger [and others]. [1970.] p. 31-40 il. 4° [From June 1970 issue.]
- 13239 875. Atlantic albacore fishery; [by] Grant L. Beardsley, jr. [1970.] p. 41-45 il. 4° [From June 1970 issue.]
- 13240 876. Seasonal and geographic characteristics of fishery resources, California current region 2. Pacific saury [with list of literature cited]; by David Kramer and Paul E. Smith. [1970.] p. 46-51 il. 4° [From v. 32, no. 6.]

## Special scientific reports: Fisheries (series). ‡ ● Item 614-B

I 49.15/2:(nos.)

- 13241 603. Distribution and abundance of fish in Yakima River, Wash., Apr. 1957-May 1958 [with list of literature cited]; by Benjamin G. Patten, Richard B. Thompson, and William D. Gronlund. June 1970. iii+31 p. il. 4°
- 13242 604. Flora and fauna of basin in central Florida Bay [with list of literature cited]; by J. Harold Hudson, Donald M. Allen, and T. J. Costello. May 1970. iii+14 p. il. 4°
- 13243 605. Contributions to life histories of several penaeid shrimps (Penaeidae) along south Atlantic coast of United States [with list of literature cited]; by William W. Anderson. May 1970. iii+24 p. il. 4°
- 13244 606. Annotated references on Pacific saury, *Cololabis alba*; by Steven E. Hughes. June 1970. iii+12 p.
- 13245 607. Studies on continuous transmission frequency modulated sonar [with lists of literature cited]; by Frank J. Hester, editor. June 1970. iii+26 p. il. 4°
- 13246 608. Preliminary designs of traveling screens to collect juvenile fish [with lists of literature cited]; by Daniel W. Bates and others]. July 1970. v+15 p. il. 4°

## COMMODITY EXCHANGE AUTHORITY, Agriculture Dept. Washington, DC 20250

- 13247 Extent and price effects of floor trading on New York Mercantile Exchange potato futures market; [by] Wayne L. Olson]. [June 1970.] [6]+36 p. il. 4° ‡ A 85.2: P 84/7

## COMMUNITY ENVIRONMENTAL MANAGEMENT BUREAU, Health, Education, and Welfare Dept., Rockville, MD 20852

- 13247A Brown recluse [spider]. [1970.] [8] p. il. narrow 8° ([Public Health Service publication 2062.]) \*Paper, \$5 per 100; single copy 10c.  
● Item 468-A-8 HE 20.1802: Sp 4
- 13247B Carbon monoxide, CO, odorless, tasteless, colorless, deadly. [1969.] [6] p. oblong 48" ([Public Health Service publication 1953.]) \*Paper, \$2.00 per 100; single copy, 5c. HE 20.1802: C 18

## COMMUNITY HEALTH SERVICE, Health, Education, and Welfare Dept., Washington, DC 20201

- 13248 CHScene, notes from Community Health Service. [Irregular.] ‡  
HE 20.2557/2:(date)  
Jan. 1970—

## COMMUNITY SERVICES ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

**NOTE.**—In September, 1969 a new organizational unit, the Community Services Administration, was established within the Social and Rehabilitation Service, by transfer of staff from several units including the Division of Work and Training Programs from the Children's Bureau.

- 13249 Door to opportunity, title 5, Economic opportunity act, a summary report of work experience and training program, 1964-69; [by] Jeannette Stats. [1970.] iv+64 p. il. 4° ‡ ● Item 532-B-1  
L.C. card 73-608043 HE 17.702: Op 5

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## CONGRESS

Congressional record, proceedings and debates of 91st Congress, 1st session, v. 115. [Permanent edition.] 1969. ● Item 993

L.C. card 12-36438

X.91/1: 115/pt. (nos.)

NOTE.—In the permanent bound edition, the paging differs from that of the daily numbers, the text being revised, rearranged, and printed without break.

- 13250 pt. 18. Aug. 13–Sept. 10, 1969. [1] + 23659–25124 p. 4° \* Cloth, \$6.75.  
 13251 pt. 20. Sept. 23–30, 1969. [1] + 26565–27858 p. 4° \* Cloth, \$6.25.  
 13252 pt. 21. Oct. 1–8, 1969. [1] + 27859–29312 p. 4° \* Cloth, \$6.25.

*Congressional serial set*

NOTE.—During 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:

*House document:*

- 13253 no. 348, 91st Congress, 2d session, Tributes to the Honorable Earl Warren [Serial 12897–2]. ● Item 995–G

*Senate documents:*

- 13254 no. 54, 91st Congress, 2d session, King Kamehameha I and Father Damien memorial statutes [Serial 12890–2]. [Publication incorrectly reads 1st session.] ● Item 995–G  
 13255 no. 58, 91st Congress, 2d session, National estuarine pollution study [Serial 12890–1]. ● Item 995–G

*Senate reports:*

- 13256 no. 751–945 with exceptions, 90th Congress, 1st session, Senate miscellaneous reports on public bills V [Serial 12750–5]. ● Item 1007–A

*Laws*

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

Private laws, 91st Congress. † House or Senate Document Rooms, Capitol.

- 13257 118. H.R. 5106, act for relief of Rogelio Tahhan. Approved July 16, 1970. 1 p.  
 13258 119. H.R. 2036, act to remove cloud on titles of certain property located in Malin, Oreg. Approved July 22, 1970. 1 p.  
 13259 120. H.R. 14619, act for relief of Lawrence F. Payne. Approved Aug. 11, 1970. 1 p.  
 13260 121. H.R. 1453, act for relief of Melvin A. Kaye. Approved Aug. 14, 1970. 1 p.  
 13261 122. H.R. 1697, act for relief of Jack Brown. Approved Aug. 14, 1970. 1 p.  
 13262 123. H.R. 2209, act for relief of Carlo DeMarco. Approved Aug. 14, 1970. 1 p.  
 13263 124. H.R. 2407, act for relief of Elbert C. Moore. Approved Aug. 14, 1970. 1 p.  
 13264 125. H.R. 5337, act for relief of late Albert E. Jameson, jr. Approved Aug. 14, 1970. 1 p.  
 13265 126. H.R. 6375, act for relief of Amalia P. Montero. Approved Aug. 14, 1970. 1 p.  
 13266 127. H.R. 6850, act for relief of Clyde Nichols. Approved Aug. 14, 1970. 1 p.  
 13267 128. H.R. 9092, act for relief of Thomas J. Condon. Approved Aug. 14, 1970. 1 p.  
 13268 129. H.R. 12176, act for relief of Bly D. Dickson, jr. Approved Aug. 14, 1970. 1 p.  
 13269 130. H.R. 15354, act for relief of Anthony P. Miller, Incorporated. Approved Aug. 14, 1970. 1 p.  
 13270 131. H.R. 1703, act for relief of Clayton County Journal and Wilber Harris. Approved Aug. 17, 1970. 1 p.  
 13271 132. H.R. 1728, act for relief of Norman W. Stanley. Approved Aug. 17, 1970. 1 p.  
 13272 133. H.R. 2241, act for relief of John T. Anderson. Approved Aug. 17, 1970. 1 p.  
 13273 134. H.R. 2458, act for relief of Frank J. Enright. Approved Aug. 17, 1970. 1 p.  
 13274 135. H.R. 2481, act for relief of Commander John W. McCord. Approved Aug. 17, 1970. 1 p.  
 13275 136. H.R. 2950, act for relief of Edwin E. Fulk. Approved Aug. 17, 1970. 1 p.  
 13276 137. H.R. 3558, act for relief of Thomas A. Smith. Approved Aug. 17, 1970. 1 p.  
 13277 138. H.R. 3723, act for relief of Robert G. Smith. Approved Aug. 17, 1970. 1 p.  
 13278 139. H.R. 6377, act for relief of Earl Spofford Brown. Approved Aug. 17, 1970. 1 p.  
 13279 140. H.R. 9591, act for relief of Elgie L. Tabor. Approved Aug. 17, 1970. 1 p.  
 13280 141. H.R. 10862, act for relief of Walter L. Parker. Approved Aug. 17, 1970. 1 p.  
 13281 142. H.R. 11890, act for relief of Peter Elias Glanitsos, U.S. Air Force (retired). Approved Aug. 17, 1970. 1 p.  
 13282 143. H.R. 12622, act for relief of Russell L. Chandler. Approved Aug. 17, 1970. 1 p.  
 13283 144. H.R. 12887, act for relief of John A. Avdeef. Approved Aug. 17, 1970. 1 p.  
 13284 145. S. 1703, act for relief of Rosa Pintabonna. Approved Aug. 18, 1970. 1 p.  
 13285 146. S. 1704, act for relief of Lillian Blazzo. Approved Aug. 18, 1970. 1 p.

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# GOVERNMENT PUBLICATIONS

## Private laws, 91st Congress—Continued

- 13286 147. S. 2427, act for relief of Cal C. Davis and Lyndon A. Dean. Approved Aug. 18, 1970. 1 p.
- 13287 148. S. 2863, act for relief of Mrs. Cumorah Kennington Romney. Approved Aug. 18, 1970. 1 p.
- 13288 149. S. 3136, act to confer United States citizenship posthumously upon Guy Andre Blanchette. Approved Aug. 18, 1970. 1 p.
- 13289 150. H.R. 12446, act to confer United States citizenship posthumously upon Jose Guadalupe Esparza-Montoya. Approved Aug. 24, 1970. 1 p.
- 13290 151. H.R. 13997, act to confer U.S. citizenship posthumously upon Ryuzo Somma. Approved Aug. 24, 1970. 1 p.
- 13291 152. H.R. 5655, act for relief of Low Yin (also known as Low Ying). Approved Aug. 28, 1970. 1 p.
- 13292 153. H.R. 12400, act for relief of Tae Pung Hills. Approved Aug. 28, 1970. 1 p.
- 13293 154. H.R. 13265, act to confer U.S. citizenship posthumously upon Frank J. Krec. Approved Aug. 28, 1970. 1 p.
- 13294 155. H.R. 13895, act for relief of Mrs. Maria Eloisa Pardo Hall. Approved Aug. 28, 1970. 1 p.
- 13295 156. H.R. 1749, act for relief of Eagle Timber Co., partnership, of Susanville, Calif. Approved Sept. 1, 1970. 1 p.
- 13296 157. H.R. 2849, act for relief of Anan Eldredge. Approved Sept. 1, 1970. 1 p.
- 13297 158. H.R. 12959, act for relief of Gloria Jara Haase. Approved Sept. 1, 1970. 1 p.
- 13298 159. H.R. 13383, act for relief of Mrs. Marcella Coslovich Fabretto. Approved Sept. 1, 1970. 1 p.
- 13299 160. H.R. 18712, act for relief of Vicenzo Pellicano. Approved Sept. 1, 1970. 1 p.

## Public laws, 91st Congress. • Item 575

NOTE.—Public laws in slip form in the first prints may be obtained from the Superintendent of Documents, Washington, DC 20402, at a subscription price of \$20.00 per session, \$5.00 additional for foreign mailing; single copies vary in price.

- 13300 257. H.J. Res. 1232, joint resolution making further continuing appropriations for fiscal year 1970, and for other purposes. Approved May 9, 1970. 1 p. \* Paper, 5c.
- 13301 285. H.R. 4249, act to extend Voting rights act of 1965 with respect to discriminatory use of tests, and for other purposes. [Approved June 22, 1970.] 5 p. \* Paper, 5c.
- 13302 291. S. 1479, act to amend title 38, United States code, to authorize maximum of \$15,000 coverage under Servicemen's group life insurance, to enlarge classes eligible for such insurance, to improve administration of programs of life insurance provided for servicemen and veterans, and for other purposes. [Approved June 25, 1970.] 8 p. \* Paper, 5c.
- 13303 296. H.R. 31102, act to amend Public health service act to revise, extend, and improve program established by title 6 of such act, and for other purposes. [Approved June 30, 1970.] 13 p. \* Paper, 10c.
- 13304 297. H.R. 17138, act to amend District of Columbia police and firemen's salary act of 1953 and District of Columbia teacher's salary act of 1955 to increase salaries, and for other purposes. [Approved June 30, 1970.] 14 p. \* Paper, 10c.
- 13305 303. H.R. 14516, act to authorize appropriations to National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes. [Approved July 2, 1970.] 7 p. \* Paper, 5c.
- 13306 331. H.R. 14295, act to authorize disposal of natural battery grade manganese ore from national stockpile and supplemental stockpile. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 13307 332. H.J. Res. 546, joint resolution authorizing Secretary of Interior to provide for commemoration of one hundredth anniversary of establishment of Yellowstone National Park, and for other purposes. [Approved July 10, 1970.] 3 p. \* Paper, 5c.
- 13308 333. H.R. 16297, to authorize disposal of molybdenum from national stockpile. Approved July 10, 1970. 1 p. \* Paper, 5c.
- 13309 334. H.J. Res. 1284, joint resolution authorizing President's Commission on Campus Unrest to compel attendance and testimony of witnesses and production of evidence, and for other purposes. [Approved July 10, 1970.] 2 p. \* Paper, 5c.
- 13310 335. H.R. 12858, act to provide for disposition of certain funds awarded to Tlingit and Haida Indians of Alaska by judgment entered by Court of Claims against United States. Approved July 13, 1970. 1 p. \* Paper, 5c.
- 13311 336. H.J. Res. 224, joint resolution to change name of Pleasant Valley Canal, Calif., to Coalinga Canal. Approved July 16, 1970. 1 p. \* Paper, 5c.
- 13312 337. H.R. 17868, act making appropriations for government of District of Columbia and other activities chargeable in whole or in part against revenues of said District for fiscal year 1971, and for other purposes. [Approved July 16, 1970.] 6 p. \* Paper, 5c.
- 13313 338. H.R. 16739, act to extend until July 3, 1974, existing authority of Administrator of Veterans' Affairs to maintain offices in Republic of Philippines. Approved July 16, 1970. 1 p. \* Paper, 5c.
- 13314 339. S. 3564, act to amend Federal youth corrections act (18 U.S.C. 5005 et seq.) to permit examiners to conduct interviews with youth offenders. July 17, 1970. 1 p. \* Paper, 5c.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

- 13315 340. H.J. Res. 746, joint resolution to amend joint resolution authorizing appropriations for payment by United States of its share of expenses of Pan America Institute of Geography and History. Approved July 17, 1970. 1 p. \* Paper, 5c.
- 13316 341. S. 1455, act to amend sec. 8c(2)(A) of Agricultural adjustment act to provide for marketing orders for apples produced in Colorado, Utah, New Mexico, Illinois, and Ohio. Approved July 18, 1970. 1 p. \* Paper, 5c.
- 13317 342. S. 3592, act to amend Federal meat inspection act, as amended, to clarify provisions relating to custom slaughtering operations. Approved July 18, 1970. 1 p. \* Paper, 5c.
- 13318 343. S. 3598, act to amend sec. 32(e) of title 3 of Bankhead-Jones farm tenant act, as amended, to authorize Secretary of Agriculture to furnish financial assistance in carrying out plans for works of improvement for land conservation and utilization, and for other purposes. Approved July 18, 1970. 1 p. \* Paper, 5c.
- 13319 344. S.J. Res. 201, joint resolution to extend reporting date of National Commission on Consumer Finance. Approved July 20, 1970. 1 p. \* Paper, 5c.
- 13320 345. S. 1519, act to establish National Commission on Libraries and Information Science, and for other purposes. [Approved July 20, 1970.] 3 p. \* Paper, 5c.
- 13321 346. S. 3215, act to amend National Foundation on Arts and Humanities act of 1965, and for other purposes. [Approved July 20, 1970.] 5 p. \* Paper, 5c.
- 13322 347. H.R. 7618, act to provide for conveyance of certain real property of Federal Government to Board of Public Instruction, Okaloosa County, Fla. [Approved July 22, 1970.] 2 p. \* Paper, 5c.
- 13323 348. S. 3978, act to extend time for conducting referendum with respect to national marketing quota for wheat for marketing year beginning July 1, 1971. Approved July 23, 1970. 1 p. \* Paper, 5c.
- 13324 349. H.R. 11766, act to amend title 2 of Marine resources and engineering development act of 1966. Approved July 23, 1970. 1 p. \* Paper, 5c.
- 13325 350. S. 980, act to provide courts of United States with jurisdiction over contract claims against nonappropriated fund activities of United States, and for other purposes. [Approved July 23, 1970.] 2 p. \* Paper, 5c.
- 13326 351. S. 3685, act to increase availability of mortgage credit for financing of urgently needed housing, and for other purposes. [Approved July 24, 1970.] 15 p. \* Paper, 10c.
- 13327 352. S. 3430, act to amend Peace Corps act to authorize additional appropriations and for other purposes. [Approved July 24, 1970.] 3 p. \* Paper, 5c.
- 13328 353. S. 1520, act to exempt from antitrust laws certain combinations and arrangements necessary for survival of failing newspapers. [Approved July 24, 1970.] 3 p. \* Paper, 5c.
- 13329 354. S.J. Res. 88, joint resolution to create commission to study bankruptcy laws of United States. [Approved July 24, 1970.] 3 p. \* Paper, 5c.
- 13330 355. H.R. 7517, act to amend Canal Zone Code to provide cost-of-living adjustments in cash relief payments to certain former employees of Canal Zone Government, and for other purposes. [Approved July 24, 1970.] 2 p. \* Paper, 5c.
- 13331 356. H.R. 16595, act to authorize appropriations for activities of National Science Foundation, and for other purposes. [Approved July 24, 1970.] 2 p. \* Paper, 5c.
- 13332 357. H.R. 12758, act to authorize Secretary of Interior to establish volunteers in park program, and for other purposes. Approved July 29, 1970. 1 p. \* Paper, 5c.
- 13333 359. H.R. 14452, act to provide for designation of special policemen at Government Printing Office, and for other purposes. Approved July 31, 1970. 1 p. \* Paper, 5c.
- 13334 360. S. 3889, act to amend sec. 14(b) of Federal reserve act, as amended, to extend for one year authority of Federal reserve banks to purchase United States obligations directly from Treasury. Approved July 31, 1970. 1 p. \* Paper, 5c.
- 13335 361. H.R. 17619, act making appropriations for Department of Interior and related agencies for fiscal year 1971, and for other purposes. [Approved July 31, 1970.] 19 p. \* Paper, 10c.
- 13336 362. S. 759, act to declare that United States holds in trust for Washoe Tribe of Indians certain lands in Alpine County, Calif. Approved July 31, 1970. 1 p. \* Paper, 5c.
- 13337 363. S. 1456, act to amend sec. 8c(6) (1) of Agricultural adjustment act, as reenacted and amended by Agricultural marketing agreement act of 1937 and subsequent legislation, so as to permit marketing orders applicable to apples to provide for paid advertising. Approved July 31, 1970. 1 p. \* Paper, 5c.
- 13338 364. S. 885, act to authorize preparation of roll of persons whose lineal ancestors were members of Confederate Tribes of Weas, Plankashaws, Peorias, and Kaskaskias, merged under treaty of May 30, 1854 (10 Stat. 1082), and to provide for disposition of funds appropriated to pay judgment in Indian Claims Commission dockets numbered 314, amended, 314-E and 65, and for other purposes. [Approved July 31, 1970.] 2 p. \* Paper, 5c.
- 13339 365. S. 417, act to authorize Secretary of Interior to convey certain lands in New Mexico to Cuba Independent Schools and to village of Cuba. Approved July 31, 1970. 1 p. \* Paper, 5c.
- 13340 373. H.R. 14705, act to extend and improve Federal-State unemployment compensation program. [Approved Aug. 10, 1970.] 23 p. \* Paper, 15c.
- 13341 374. H.R. 914, act for relief of Hood River County, Oreg. Approved Aug. 11, 1970. 1 p. \* Paper, 5c.

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Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

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# GOVERNMENT PUBLICATIONS

- Public laws, 91st Congress—Continued
- 13342 375. H.R. 17070, act to improve and modernize postal service, to reorganize Post Office Department, and for other purposes. [Approved Aug. 12, 1970.] 69 p. \* Paper, 25c.
- 13343 376. S. 3348, act to amend title 38, United States Code, to increase rates of compensation for disabled veterans, and for other purposes. [Approved Aug. 12, 1970.] 4 p. \* Paper, 5c.
- 13344 377. H.R. 15733, act to amend Railroad retirement act of 1967 to provide temporary 15 per centum increase in annuities, to change for temporary period method of computing interest on investments of railroad retirement accounts, and for other purposes. [Approved Aug. 12, 1970.] 4 p. \* Paper, 5c.
- 13345 378. S. 1076, act to establish pilot program in Departments of Interior and Agriculture designated as Youth Conservation Corps, and for other purposes. [Approved Aug. 13, 1970.] [2] p. \* Paper, 5c.
- 13346 379. S. 3302, act to amend Defense production act of 1950, and for other purposes. [Approved Aug. 15, 1970.] 5 p. \* Paper, 5c.
- 13347 380. H.R. 16916, act making appropriations for Office of Education for fiscal year 1971, and for other purposes. [Approved Aug. 18, 1970.] 6 p. \* Paper, 5c.

## ATOMIC ENERGY JOINT COMMITTEE Washington, DC 20515

- 13348 AEC authorizing legislation, fiscal year 1971, hearings, 91st Congress, 2d session.  
pt. 4. Special nuclear materials, light water breeder reactor (LWBR), raw materials, training, education, and information, isotopes development, community, regulatory, program direction and administration, and security investigations, Mar. 19, 1970. 1970. vii + 1627-2017 p. il. \* Paper, \$1.50.  
● Item 999  
L.C. card 75-607120 Y 4.At 7/2: L 52/971/pt.4
- 13349 Uranium enrichment pricing criteria, hearings, 91st Congress, 2d session, June 16 and 17, 1970. 1970. iv + 251 p. \* Paper, \$1.00. ● Item 999  
L.C. card 72-608580 Y 4.At 7/2: Ur 1 7

## ECONOMIC JOINT COMMITTEE Washington, DC 20510

- 13350 Committee publications and policies governing their distribution, 87th-91st Congresses, 1961-1970; Aug. 1970. 1970. ii + 27 p. (Joint committee print, 91st Congress, 2d session.) † ● Item 1000  
L.C. card 68-62827 Y 4.Ec 7: P 96/961-70
- 13351 Economy, energy, and environment, background study, by Environmental Policy Division, Legislative Reference Service, Library of Congress; Sept. 1, 1970. 1970. viii + 131 p. il. (Joint committee print, 91st Congress, 2d session.) \* Paper, 55c.  
L.C. card 77-608793 Y 4.Ec 7: Ec 7/24

## HOUSE OF REPRESENTATIVES Washington, DC 20515

### 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, 91st Congress.

- 13352 250. pt. 4. U.S. Army register: v. 4, Officers' honorary retired list, Jan. 1, 1970. [21 + 8 p. \* (Available in departmental edition 10c., D 102.9: 970/v. 4, and sent to depositories in that form. See Entry no. 13061.)
- 13353 274. National estuary study: v. 1, Main report, Jan. 1970. [5] + iii + 20 + 4 p. 19 p. of pl. 4\* [Some pages are numbered as leaves only, the unnumbered sides bearing the illustrations. Some plates are colored.] \* (Available in departmental edition, \$1.75, I 49.2: Es 8/2/v.1, and sent to depositories in that form. See Entry no. 15262.)
- 13354 285 Amendments to request for appropriations, Office of Education, fiscal year 1971. Mar. 23, 1970. 3 p. † ● Item 996
- 13355 286, 6 pts. National estuary study, Jan. 1970.  
pt. 1 Volume 2, Appendix A. Staff report [with selected list of references]. [1] + iv + 303 p. il. 23 p. of pl. 4\* [Illustrations are colored.] \* Available in departmental edition, \$3.00. I 49.2: Es 8/2/v.2 and sent to depositories in that form. See Entry no. 15263.)

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

- pt. 2. Volume 3, Appendix B. Management studies in specific estuaries. [5]+326+[14] p. il. 20 maps, 4° [Maps are colored.] \*(Available in departmental edition, \$1.75, 149.2: Es 8/2/v. 3, and sent to depositories in that form. See Entry no. 15264.)
- pt. 3. Volume 4, Additional support data for biophysical profiles; appendix D. Estuarine landscape survey and analysis [with bibliography]. [299] p. il. 4° \*(Available in departmental edition, \$2.75, 149.2: Es 8/2/v. 4, and sent to depositories in that form. See Entry no. 15265.)
- pt. 4. Volume 5, Appendix E. Some economic factors affecting estuary zone including market outlooks for estuary products; appendix F. Technological impacts on estuary resource use; appendix G. Conflicts and problems in specific estuaries [with bibliographies]. [296] p. il. 4° \*(Available in departmental edition, \$2.25, 149.2: Es 8/2/v. 5, and sent to depositories in that form. See Entry no. 15266.)
- pt. 5. Volume 6, Appendix H. Evaluation of existing methods of coordinating State and Federal actions; appendix I. Federal, State, and local laws and tax policies, affecting use of estuarine resources. [285] p. il. 4° \*(Available in departmental edition, \$2.00, 149.2: Es 8/2/v. 6, and sent to depositories in that form. See Entry no. 15267.)
- pt. 6. Volume 7, Appendix J. Inventory of State development plans and policies for uses of estuarine resources; appendix K. Evaluation of existing public management schemes relevant to estuarine resource use. [185] p. 4° \*(Available in departmental edition, \$1.50, 149.2: Es 8/2/v. 7, and sent to depositories in that form. See Entry no. 15268.)
- 13356 288. Proposed supplemental appropriations, District of Columbia, fiscal year 1970. Mar. 31, 1970. 4 p. † ● Item 996
- 13357 314. National Aeronautics and Space Administration, 21st semiannual report to Congress, Jan. 1-June 30, 1969. [1970.] xvi+232 p. il. [Text on p. 2 of cover.] \*(Available in departmental edition, \$1.25, NAS 1.1: 969, and sent to depositories in that form. See Entry no. 14900.)
- 13358 331. Proceedings of stated convention of 71st national encampment, United Spanish War Veterans, San Diego, Calif., Sept. 7-11, 1969; May 4, 1970. 1970. v+101 p. il. 2 por. † (To be sent to depository libraries in Serial set binding.)  
L.C. card CA 10-5225
- 13359 334. Four river basin commission reports [fiscal year] 1969, message from President of United States transmitting annual reports; May 7, 1970. [168] p. il. 4° [Commissions included are Pacific Northwest River Basins Commission, Souris-Red-Rainy River Basins Commission, Great Lakes Basin Commission, and New England River Basins Commission.] † ● Item 996  
L.C. card 77-601898
- 13360 344. Special report on U.S. participation in proposed replenishment of resources of Inter-American Development Bank, letter from National Advisory Council on International Monetary and Financial Policies transmitting report; June 2, 1970, 1970. v+42 p. † ● Item 996  
L.C. card 78-608796
- 13361 345. Requesting prompt enactment, increasing public debt. June 3, 1970. 2 p. † ● Item 996
- 13362 348. Tributes to Earl Warren, Chief Justice of United States, to commemorate occasion of his retirement from Supreme Court, June 23, 1969, delivered in House of Representatives and in Senate. 1970. viii+[1]+136+[1] p. 1 por. large 8° † (To be sent to depository libraries in Serial set binding.)  
L.C. card 76-608916
- 13363 349. Santa Barbara Channel oil leases, etc., message from President of United States requesting passage of legislation to terminate oil exploration leases in Santa Barbara Channel and to create marine sanctuary. June 11, 1970. 2 p. † ● Item 996
- 13364 350. Committee on Agriculture, 150th anniversary, 16th Congress, 1820 to 91st Congress, 1970; May 3, 1970. 1970. v.+32 p. il. 1 pl. in pocket. † ● Item 996
- 13365 356. Reedy River, S.C., letter from chief of engineers, Army, submitting report; June 12, 1970. 1970. xiv+66 p. map, 4° [Also issued in departmental edition, D 103.22: R 25, and sent to depositories in that form. See Entry no. 14330.] † 91-2: H doc.
- 13366 357. Placer Creek at Wallace, Idaho, letter from chief of engineers, Army, submitting report; June 22, 1970. 1970. xli+46 p. il. 2 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 14328.] †
- 13367 358. Fourmile Run, city of Alexandria and Arlington County, Va., letter from chief of engineers, Army, submitting report; June 25, 1970. 1970. xxiii+77 p. 2 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 14327.] †
- 13368 361. Black River Harbor, Alcona County, Mich., letter from chief of engineers, Army, submitting report; July 6, 1970. 1970. x+65 p. map, 4° [Also issued in departmental edition, D 103.22: B 56/C, and sent to depositories in that form. See Entry no. 14303.] †

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# GOVERNMENT PUBLICATIONS

## House documents, 91st Congress—Continued

- 13369 362. Scajaquada Creek and tributaries, N.Y., letter from chief of engineers, Army, submitting report; July 8, 1970. 1970. xlii+58 p. ll. map, 4" [Also issued in departmental edition, D103.22; Sca 3, and sent to depositories in that form. See Entry no. 14331.] † 91-2: H.doc.
- 13370 363. Recommendations for Indian policy, message from President of United States, July 8, 1970. 12 p. † ● Item 996
- 13371 365. Reorganization plan 4 of 1970, message from the President transmitting reorganization plan 4 of 1970. July 9, 1970. 5 p. ● Item 996 \* Paper, 10c.
- 13372 367. Upper New York study, message from President of United States transmitting study, with recommendations, of extent to which portions of upper New York State should be included in either New England or Appalachian region; July 15, 1970. 1970. iv+56 p. ll. [Includes bibliography of source materials.] † ● Item 996
- 13373 370. Wenatchee, Wash., letter from chief of engineers, Army, submitting report; July 23, 1970. 1970. xx+120 p. ll. 5 pl. 4" [Also issued in departmental edition, D103.22: W48, and sent to depositories in that form. See Entry no. 14337.] †
- 13374 374. Audit of financial statements, Federal home loan banks, year ended Dec. 31, 1969, letter from Comptroller General of the United States transmitting report of Federal home loan banks supervised by Federal Home Loan Bank Board; Aug. 10, 1970. 1970. iv+20 p. 4" † ● Item 996
- 13375 375. Annual report of S. Lawrence Seaway Development Corporation, message from President of United States transmitting annual report for year ended Dec. 31, 1969; Aug. 11, 1970. 1970. [8]+24 p. 4" † ● Item 996

## House reports

NOTE.—For titles of bills which these reports accompany, see Congressional Record Index.

House reports on private bills, 91st Congress. † House Document Room, Capitol. ● Item 1008-B

- 13376 1237. Reference of H.R. 17968 to Chief Commissioner of Court of Claims. Report from Committee on Judiciary to accompany H. Res. 108. June 25, 1970. 5 p.
- 13377 1257. Conferring U.S. citizenship posthumously upon Quadalupe Esparaza-Montoya. Report from Committee on Judiciary to accompany H.R. 12446. June 29, 1970. 2 p. [Amended title to read: To confer United States citizenship posthumously upon Jose Guadalupe Esparaza-Montoya.]
- 13378 1285. Mrs. Marcella Coslovich Fabretto. Report from Committee on Judiciary to accompany H.R. 13383. July 8, 1970. 5 p.
- 13379 1293. Supplemental to act of Feb. 9, 1821 incorporating Columbian College, etc. Report from Committee on District of Columbia to accompany H.R. 17146. July 10, 1970. 4 p.
- 13380 1323. Vernon Louis Hoberg. Report from Committee on Judiciary to accompany S. 1087. July 23, 1970. 12 p.
- 13381 1324. Rosa Pintabona. Report from Committee on Judiciary to accompany S. 1703. July 23, 1970. 7 p.
- 13382 1325. Lillian Biazzo. Report from Committee on Judiciary to accompany S. 1704. July 23, 1970. 8 p.
- 13383 1327. Margarita Anne Marie Baden (Nguyen Tan Nga). Report from Committee on Judiciary to accompany S. 2976. July 23, 1970. 13 p.
- 13384 1328. To confer U.S. citizenship posthumously upon Guy Andre Blanchette. Report from Committee on Judiciary to accompany S. 3136. July 23, 1970. 5 p.
- 13385 1336. Matyas Hunyadi. Report from Committee on Judiciary to accompany H.R. 3436. July 28, 1970. 14 p.
- 13386 1368. Charles Zonars. Report from Committee on Judiciary to accompany H.R. 7955. Aug. 4, 1970. 7 p. [H.R. 7955, as amended by the committee, provides for relief of estate of Charles Zonars, deceased.]
- 13387 1371. Jack A. Duggins. Report from Committee on Judiciary to accompany H.R. 14271. Aug. 4, 1970. 7 p.
- 13388 1372. Arthur Jerome Olinger. Report from Committee on Judiciary to accompany S. 703. Aug. 4, 1970. 5 p.
- 13389 1373. Marcos Rojas Rodriguez. Report from Committee on Judiciary to accompany S. 1187. Aug. 4, 1970. 3 p.
- 13390 1374. Arline Loader and Maurice Loader. Report from Committee on Judiciary to accompany S. 2514. Aug. 4, 1970. 5 p.
- 13391 1375. Kathryn Talbot. Report from Committee on Judiciary to accompany S. 2661. Aug. 4, 1970. 3 p.
- 13392 1431. Arthur Jerome Olinger. Report from Committee on Judiciary to accompany S. 703. Aug. 14, 1970. 8 p.

House reports on public bills, 91st Congress. † House Document Room, Capitol. (Nos. 972 and 1433 are sold by Superintendent of Documents.) ● Item 1008-A

- 13393 972. 1970 joint economic report. Report of Joint Economic Committee on Jan. 1970 economic report of the President, together with statement of Committee agreement, minority, supplementary, and dissenting views; Mar. 25, 1970. 1970. vii+143 p. ll. \* Paper, 60c. L.C. card 48 46370

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†Distribution Made by Issuing Office

‡Official Use. Not Available

# OCTOBER 1970

13394	1094.	Further continuing appropriations, 1970. Report from Committee on Appropriations to accompany H.J. Res. 1232. May 14, 1970. 2 p.
13395	1124.	Consideration of H.R. 15712. Report from Committee on Rules to accompany H. Res. 1045. May 26, 1970. 1 p.
13396	1125.	Consideration of H.R. 16542. Report from Committee on Rules to accompany H. Res. 1046. May 26, 1970. 1 p.
13397	1126.	International Labor Organization conference in Geneva, Switzerland. Report from Committee on Rules to accompany H. Res. 1033. May 26, 1970. 1 p.
13398	1128.	Act changing bracket tax on large cigars to ad valorem tax. Report from Committee on Ways and Means to accompany H.R. 1002. May 26, 1970. 11 p. ll.
13399	1133.	Consideration of H.R. 17802. Report from Committee on Rules to accompany H. Res. 1051. June 1, 1970. 1 p.
13400	1147.	Waiving points of order against certain provisions of H.R. 17867. Report from Committee on Rules to accompany H. Res. 1059. June 3, 1970.
13401	1159.	Providing for agreeing to Senate amendments to bill (H.R. 4249) to extend Voting Rights Act of 1965 with respect to discriminatory use of tests and devices. Report from Committee on Rules to accompany H. Res. 914. June 4, 1970. 1 p.
13402	1169.	Naming of Veterans' Administration center at Bonham, Tex. for Sam Rayburn. Report from Committee on Veterans' Affairs to accompany H.R. 17613. July 9, 1970. 2 p.
13403	1170.	Consideration of H.R. 11833. Report from Committee on Rules to accompany H. Res. 1068. June 9, 1970. 1 p.
13404	1172.	Waiving points of order against consideration of bill (H.R. 17970) and waiving provisions of clause 2, rule 21, with respect to any appropriation contained in such bill. Report from Committee on Rules to accompany H. Res. 1070. June 9, 1970. 1 p.
13405	1173.	To provide funds for select committee created by House Resolution 976. Report from Committee on House Administration to accompany H. Res. 1071. June 10, 1970. 1 p.
13406	1182.	Duty treatment of certain previously exported aircraft. Report from Committee on Ways and Means to accompany H.R. 17068. June 11, 1970. 6 p.
13407	1218.	Consideration of H.R. 17495. Report from Committee on Rules to accompany H. Res. 1094. June 17, 1970. 1 p.
13408	1252.	Prevailing rate pay systems for Government employees. Report from Committee on Post Office and Civil Service to accompany H.R. 17809. June 29, 1970. 39 p.
13409	1265.	Improving administration of national park system by Secretary of Interior, and clarifying authorities applicable to system, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 14114. June 30, 1970. 16 p.
13410	1266.	Extension of programs for training in allied health professions. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 13100. June 30, 1970. 24 p.
13411	1277.	Developmental disabilities services and facilities construction act of 1970. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 14237. July 6, 1970. 48 p.
13412	1278.	J.C. card 72-608371
13412	1278.	Increasing amount of bonds issued by TVA. Report from Committee on Public Works to accompany H.R. 18104. July 7, 1970. 10 p.
13413	1281.	Requiring conveyance of all right, title, and interest of United States in and to certain real property in State of Georgia in order to remove limitation on use of such property. Report from Committee on Interior and Insular Affairs to accompany H.R. 9164. July 8, 1970. 4 p.
13414	1282.	Providing for conveyance to Pima and Maricopa Counties, Ariz., and to city of Albuquerque, N. Mex., of certain lands for recreational purposes under provisions of Recreation and public purposes act of 1926. Report from Committee on Interior and Insular Affairs to accompany H.R. 10837. July 8, 1970. 7 p.
13415	1283.	Authorizing Secretary of Interior to convey certain lands in New Mexico to Cuba Independent Schools and to village of Cuba. Report from Committee on Interior and Insular Affairs to accompany S. 417. July 8, 1970. 4 p.
13416	1287.	Consideration of H.R. 13100. Report from Committee on Rules to accompany H. Res. 1130. July 8, 1970. 1 p.
13417	1290.	Providing that Secretary of Transportation shall be member of National Aeronautics and Space Council. Report from Committee on Science and Astronautics to accompany H.R. 16539. July 9, 1970. 5 p.
13418	1295.	Authorizing renewal of certain Forest Service contracts. Report from Committee on Agriculture to accompany H.R. 11953. July 13, 1970. 4 p.
13419	1299.	International travel act of 1961. Conference report to accompany H.R. 14655. July 14, 1970. 8 p.
13420	1301.	Consideration of S. 1933. Report from Committee on Rules to accompany H. Res. 1139. July 14, 1970. 1 p.
13421	1302.	Consideration of H.R. 11157. Report from Committee on Rules to accompany H. Res. 1140. July 14, 1970. 1 p.
13422	1304.	Authorizing appropriations for Fire research and safety act. Report from Committee on Science and Astronautics to accompany H.R. 16538. July 15, 1970. 4 p.

# GOVERNMENT PUBLICATIONS

## House reports on public bills, 91st Congress—Continued

- 13423 1305. Authorizing additional funds for operation of Franklin Delano Roosevelt Memorial Commission. Report from Committee on House Administration to accompany H.R. 15351. July 15, 1970. 2 p.
- 13424 1306. Office of Education appropriation, 1971. Conference report to accompany H.R. 16916. July 15, 1970. 7 p.
- 13425 1309. Postponement of wheat referendum. Report from Committee on Agriculture to accompany S. 3078. July 16, 1970. 6 p.
- 13426 1310. Departments of Labor, and Health, Education, and Welfare and related agencies appropriation bill, 1971. Report together with separate views from Committee on Appropriations to accompany H.R. 18515. July 16, 1970. 63 p. [Corrected print.]
- 13427 1314. Decennial population census and congressional apportionment, [prepared by] Subcommittee on Census and Statistics of Committee on Post Office and Civil Service, House, 91st Congress, 2d session; July 20, 1970. 1970. iv + 24 p.  
L.C. card 70-608463
- 13428 1316. Consideration of H.R. 15913. Report from Committee on Rules to accompany H. Res. 1149. July 20, 1970. 1 p.
- 13429 1318. Waiving points of order against certain provisions of H.R. 18515. Report from Committee on Rules to accompany H. Res. 1151. July 20, 1970. 1 p.
- 13430 1330. Defense production act extension and Economic stabilization act. Report together with minority views and additional views from Committee on Banking and Currency to accompany H.R. 17880. July 27, 1970. 20 p.
- 13431 1331. Reauthorizing Riverton extension unit, Missouri River Basin project, including therein entire Riverton reclamation project and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 7521. July 27, 1970. 14 p.
- 13432 1337. Railroad retirement act amendments. Conference report to accompany H.R. 15733. July 28, 1970. 7 p.
- 13433 1339. Authorizing appropriations for Civil Rights Commission. Report from Committee on Judiciary to accompany S.2455. July 8, 1970. 11 p. [Includes additional views of Robert McClory.]
- 13434 1345. Independent offices and Department of Housing and Urban Development appropriations, 1971. Conference report to accompany H.R. 17548. July 28, 1970. 10 p.
- 13435 1346. Authorizing Secretary of Interior to construct, operate, and maintain Minot extension of Garrison diversion unit of Missouri River Basin project in North Dakota, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 16987. July 29, 1970. 9 p.
- 13436 1347. Political broadcasting. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 18434. July 29, 1970. 14 p.
- 13437 1348. Providing for disposition of judgment funds on deposit to credit of Hualapai Tribe of Hualapai Reservation, Ariz., in Indian Claims Commission dockets 90 and 122, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 13434. July 29, 1970. 16 p.
- 13438 1350. Providing for disposition of funds to pay judgment in favor of Sac and Fox Tribes of Oklahoma in Indian Claims Commission docket 220, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 14827. July 29, 1970. 11 p.
- 13439 1353. Prohibiting salacious advertising. Report from Committee on Judiciary to accompany H.R. 11032. July 29, 1970. 8 p.
- 13440 1354. Legislative branch appropriation, 1971. Conference report to accompany H.R. 16915. July 29, 1970. 4 p.
- 13441 1355. Consideration of H.R. 17880. Report from Committee on Rules to accompany H. Res. 1168. July 30, 1970. 1 p.
- 13442 1356. Preventing unauthorized manufacture and use of character "Johnny Horizon." Report from Committee on Judiciary to accompany S.3838. July 30, 1970. 6 p.
- 13443 1358. Allowing purchase of additional systems and equipment for passenger motor vehicles over and above statutory price limitation. Report from Committee on Government Operations to accompany S.2763. July 30, 1970. 21 p.
- 13444 1359. Amending Federal property and administrative services act of 1949, as amended, to authorize Administrator of General Services to enter into contracts for janitorial services, trash removal, and similar services in federally owned and leased properties for periods not to exceed 3 years. Report from Committee on Government Operations to accompany H.R. 17455. July 30, 1970. 6 p.
- 13445 1360. Releasing conditions in deed with respect to certain portion of land heretofore conveyed by United States to Salt Lake City Corporation. Report from Committee on Government Operations to accompany 7.1366. July 30, 1970. 5 p.
- 13446 1378. Providing funds for Committee on Judiciary. Report from Committee on House Administration to accompany H. Res. 1065. Aug. 5, 1970. 1 p.

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- 13447 1377. Authorizing expenditures incurred by Special Committee to Investigate Campaign Expenditures to be paid from contingent fund of House. Report from Committee on House Administration to accompany H. Res. 1115, Aug. 5, 1970. 1 p.
- 13448 1379. Providing funds for operation of Select Committee on Small Business. Report from Committee on House Administration to accompany H. Res. 1145, Aug. 5, 1970. 1 p.
- 13449 1380. Authorizing printing of additional copies of Education in Israel for use of Select Subcommittee on Education. Report from Committee on House Administration to accompany H. Con. Res. 679, Aug. 5, 1970. 1 p.
- 13450 1381. Amending District of Columbia cooperative association act. Conference report to accompany H.R. 17711, Aug. 6, 1970. 1 p.
- 13451 1382. Investment company amendments act of 1970. Report, together with separate views, of Committee on Interstate and Foreign Commerce, to accompany H.R. 17333; Aug. 7, 1970. 1970. 181-204 p.
- 13452 1383. Name Light Horse Harry Lee Bridge. Report from Committee on District of Columbia to accompany H.R. 13113, Aug. 7, 1970. 4 p.
- 13453 1384. Establishing nonvoting delegates for District of Columbia to Senate and to House of Representatives. Report from Committee on District of Columbia to accompany H.R. 18619, Aug. 7, 1970. 53 p.
- 13454 1385. Establish study commission on District of Columbia government and provide nonvoting delegate to House of Representatives. Report from Committee on District of Columbia to accompany H.R. 18725, Aug. 7, 1970. 72 p.  
L.C. card 78-608666
- 13455 1386. Amendments to Defense production act of 1950. Conference report to accompany S. 3302, Aug. 8, 1970. 7 p.
- 13456 1387. Marine Sciences Council extension. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 16607, Aug. 10, 1970. 13 p.
- 13457 1389. Consideration of H.R. 17795. Reports from Committee on Rules to accompany H. Res. 1178, Aug. 10, 1970. 1 p.
- 13458 1394. Authorizing establishment of Andersonville National Historic Site in Georgia, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 140, Aug. 10, 1970. 5 p.
- 13459 1396. Providing for addition of Freeman School to Homestead National Monument of America in Nebraska, and for other purposes. Aug. 10, 1970. 4 p.
- 13460 1397. Providing for establishment of Gulf Islands National Seashore, in Alabama, Florida, Louisiana, and Mississippi, for recognition of certain historic values at Fort San Carlos, Fort Redoubt, Fort Pickens in Florida and Fort Massachusetts in Mississippi, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 10874, Aug. 10, 1970. 14 p.
- 13461 1398. Amending act of Sept. 21, 1959 (73 stat. 591) to authorize Secretary of Interior to revise boundaries of Minute Man National Historical Park, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 13934, Aug. 10, 1970. 7 p.
- 13462 1400. Establishing Fort Point National Historic Site in San Francisco, Calif., and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 18410, Aug. 10, 1970. 8 p.
- 13463 1401. Establishing in Michigan the Sleeping Bear Dunes National Lakeshore, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 18776, Aug. 10, 1970. 14 p.
- 13464 1402. Amendments to Food stamp act of 1964. Report together with dissenting views, additional views, and minority views from Committee on Agriculture to accompany H.R. 18582, Aug. 10, 1970. 37 p.
- 13465 1403. Authorizing Secretary of Interior, to study feasibility and desirability on national lake-shore on Lake Tahoe in Nevada and California, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany S. 2208, Aug. 10, 1970. 4 p.
- 13466 1404. Cooperation with United Seamen's Service. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 1549, Aug. 11, 1970. 11 p.
- 13467 1405. Potomac Valley Conservancy District. Report from Committee on Public Works to accompany H.J. Res. 1179, Aug. 11, 1970. 18 p.
- 13468 1406. Crown of thorns starfish. Report from Committee on Merchant Marine and Fisheries to accompany S. 3153, Aug. 11, 1970. 8 p.
- 13469 1407. Consideration of H.R. 7521. Report from Committee on Rules to accompany H. Res. 1185, Aug. 11, 1970. 1 p.
- 13470 1408. Consideration of H.R. 9306. Report from Committee on Rules to accompany H. Res. 1186, Aug. 11, 1970. 1 p.
- 13471 1409. Consideration of H.R. 9804. Report from Committee on Rules to accompany H. Res. 1187, Aug. 11, 1970. 1 p.
- 13472 1410. Consideration of H.R. 13001. Report from Committee on Rules to accompany H. Res. 1188, Aug. 11, 1970. 1 p.
- 13473 1411. Consideration of H.R. 16987. Report from Committee on Rules to accompany H. Res. 1189, Aug. 11, 1970. 1 p.
- 13474 1412. Consideration of H.R. 10634. Report from Committee on Rules to accompany H. Res. 1192, Aug. 12, 1970. 1 p.
- 13475 1413. Consideration of H.R. 17333. Report from Committee on Rules to accompany H. Res. 1193, Aug. 12, 1970. 1 p.

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## House reports on public bills, 91st Congress—Continued

- 13476 1414. Consideration of H.R. 17982. Report from Committee on Rules to accompany H. Res. 1194. Aug. 12, 1970. 1 p.
- 13477 1415. Authorizing Secretary of Interior to construct, operate and maintain Narrows unit, Missouri River Basin project, Colo. Conference report to accompany S. 3547. Aug. 12, 1970. 3 p.
- 13478 1416. Providing for congressional recognition of Goddard Rocket and Space Museum. Report from Committee on Science and Astronautics to accompany S. Con. Res. 49. Aug. 13, 1970. 3 p.
- 13479 1417. Lease and transfer of burley tobacco [acreage] allotments. Report from Committee on Agriculture to accompany H.R. 18686. Aug. 13, 1970. 5 p.
- 13480 1418. Report on Institutional Investors study. Report from Committee on Interstate and Foreign Commerce to accompany H.J. Res. 1247. Aug. 13, 1970. 8 p.
- 13481 1423. Providing for disposition of funds appropriated to pay judgments in favor of Yakima Tribes in Indian Claims Commission dockets 47-A, 162, and consolidated 47 and 164, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 15469. Aug. 13, 1970. 32 p. II.
- 13482 1424. Conveying certain federally owned land to Cherokee Tribe of Oklahoma. Report from Committee on Interior and Insular Affairs to accompany H.R. 15624. Aug. 13, 1970. 5 p.
- 13483 1425. Providing for disposition of funds appropriated to pay judgment in favor of Confederated Bands of Ute Indians in Court of Claims case 47567, and judgment in favor of Ute Tribe of Uintah and Ouray Reservation for and on behalf of Uncompahgre Band of Ute Indians in Indian Claims Commission docket numbered 349, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 16833. Aug. 13, 1970. 15 p.
- 13484 1426. Amending Central Valley reclamation project to include Black Butte project. Report from Committee on Interior and Insular Affairs to accompany H.R. 18298. Aug. 13, 1970. 5 p.
- 13485 1427. Consideration of H.R. 10874. Report from Committee on Rules to accompany H. Res. 1197. Aug. 13, 1970. 1 p.
- 13486 1429. Unmet training needs of Federal Investigator and Consolidated Federal Law Enforcement Training Center. 30th report by Committee on Government Operations; Aug. 14, 1970. 1970. v+126 p. II. L.C. card 75-608617
- 13487 1430. Penalties for illegal fishing in fishery zones. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 14678. Aug. 17, 1970. 19 p.
- 13488 1433. Protecting America's estuaries, San Francisco Bay and Delta. 31st report by Committee on Government Operations; Aug. 19, 1970. 1970. x+142 p. II. \* Paper, 60c. L.C. card 77-608785
- 13489 1444, pt. 1. Comprehensive drug abuse prevention control act of 1970. Report of Committee on Interstate and Foreign Commerce together with individual views to accompany H.R. 18583; Sept. 10, 1970. 1970. [1]+90 p. L.C. card 75-608948

## Agriculture Committee, House Washington, DC 20515

### [Committee hearings] serial, 91st Congress. † ● Item 1010

- 13490 CC. Custom slaughtering, hearing before Subcommittee on Livestock and Grains, 91st Congress, 2d session, on H.R. 16480 [and other bills], June 16, 1970. 1970. III+37 p. L.C. card 79-608397 Y 4.Ag 8/1: S 11/2
- 13491 DD. Care of animals used for research, experimentation, exhibition, or held for sale as pets, hearings before Subcommittee on Livestock and Grains, 91st Congress, 2d session, on H.R. 13957, June 3 and 9, 1970. 1970. IV+109 p. L.C. card 79-608504 Y 4.Ag 8/1: An 5/5

## Appropriations Committee, House Washington, DC 20515

- 13492 Department of Defense appropriations for 1971, hearings, 91st Congress, 2d session.  
pt. 7. Testimony of Hyman G. Rickover. 1970. IV+174 p. † ● Item 1011  
L.C. card 61-60926 Y 4.Ap 6/1: D 36/5/971/pt.7
- 13493 Departments of State, Justice, and Commerce, the Judiciary, and related agencies appropriations for 1971, hearings before subcommittee, 91st Congress, 2d session.  
pt. 5. Additional testimony of International Labor Organization. 1970. II+79+III p. † ● Item 1011  
L.C. card 75-607033 Y 4.Ap 6/1: St 2/971/pt.5

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**Armed Services Committee, House**  
Washington, DC 20515

- 13494 Independent research and development, hearings before Armed Services Investigating Subcommittee, 91st Congress, 2d session, under authority of H. Res. 105, Feb. 15-Mar. 2, 1970. 1970. iii+273 p. il. † ● Item 1012  
L.C. card 77-608880 Y 4.Ar 5/2: R 31/6

Papers, 91st Congress. ● Item 1012 Y 4.Ar 5/2 a: 969-70/(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.

- 13495 36. Review of health benefits program of Armed Forces [with bibliography] hearings before Subcommittee on Supplemental Service Benefits, 91st Congress, 1st session, Dec. 3-9, 1969. 1970. cover title, 5121-5401+1 p. † L.C. card 74-608247
- 13496 47. Pay and allowances of uniformed services pursuant to title 37 United States Code (Public law 87-649 (76 Stat. 451), as amended through Apr. 15, 1970 and supplementary material. 1970. iv+5863-5966 p. il. †
- 13497 62. Subcommittee on Real Estate consideration of and hearings on acquisition report no. 102 and disposal report no. 300. June 10, 1970. 9305-9441 i p. †
- 13498 Report of Joint-House Armed Services Subcommittee on CVAN-70 aircraft carrier (appointed pursuant to sec. 402(a) Public law 91-121), together with minority views. See, Armed Services Committee, Senate.

**Banking and Currency Committee, House**  
Washington, DC 20515

- 13499 Fair credit reporting, hearings before Subcommittee on Consumer Affairs, 91st Congress, 2d session, on H.R. 16340, Mar. 17-Apr. 8, 1970. 1970. vii+638 p. il. † ● Item 1013  
L.C. card 77-608340 Y 4.B 22/1: C 86/11
- 13500 Housing and urban development legislation, 1970, hearings before Subcommittee on Housing, 91st Congress, 2d session.  
pt. 2. June 8-11, 1970 and appendix. 1970. x+445-1016 n. il. † ● Item 1013  
L.C. card 78-608406 Y 4.B 22/1: H 81/46/970/pt.2
- 13501 Quality of urban life, hearings before Ad Hoc Subcommittee on Urban Growth, 91st Congress, 1st and 2d sessions.  
Pt. 2. Sept. 30, 1969-June 24, 1970. 1970. iv+1-538D, 539-765 p. il. 16 maps.  
\* Paper, \$5.00. ● Item 1013  
L.C. card 72-608915 Y 4.B 22/1: Ur 1/4/pt.2
- 13502 To provide Federal assistance for eliminating causes of lead-based paint poisoning, hearings before Subcommittee on Housing, 91st Congress, 2d session, on H.R. 17260, H.R. 13254 [and] H.R. 14734, July 22 and 23, 1970. 1970. iv+294 p. il. † ● Item 1013  
L.C. card 75-608704 Y 4.B 22/1: P 75

**Education and Labor Committee, House**  
Washington, DC 20515

- 13503 Environmental quality education act of 1970, hearings before Select Subcommittee on Education, 91st Congress, 2d session, on H.R. 14753, Mar. 24-May 2, 1970. 1970. viii+856 p. il. [Hearings held in Washington, D.C., New York, N.Y., San Francisco and Los Angeles, Calif.] † ● Item 1015  
L.C. card 73-608508 Y 4.Ed 8/1: En 8
- 13504 International Labor organization, hearing before Task Force on International Labor Organization, 91st Congress, 2d session, to provide opportunity for United States delegates to 53d session of ILO to offer their evaluations of work of conference, May 11, 1970. 1970. iii+151 p. il. † ● Item 1015  
L.C. card 71-608703 Y 4.Ed 8/1: In 8/4/970

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- 13505 Needs of elementary and secondary education for the 70's, compendium of policy papers, compiled by General Subcommittee on Education, 91st Congress, 1st session; Mar. 1970. 1970. xv+982 p. il. (Committee print.) ‡  
L.C. card 70-606100 Y 4.Ed 8/1: Ed 8/36
- 13506 School assistance in federally affected areas, study of Public laws 81-874 and 81-815, final report, to Office of Education, Department of Health, Education, and Welfare, by Harold A. Hovey [and others], assisted by other members of Columbus Laboratories, Battelle Memorial Institute, Columbus, Ohio, Dec. 1969. 1970. xvii+214 p. (Committee print.) ‡  
L.C. card 75-608869 Y 4.Ed 8/1: Sch 6/13/970

## Foreign Affairs Committee, House Washington, DC 20515

- 13507 Aircraft sales in Latin America, hearings, before Subcommittee on Inter-American Affairs, 91st Congress, 2d session, Apr. 29 and 30, 1970. 1970. iii+27 p. ‡ ● Item 1017  
L.C. card 70-608404 Y 4.F 76/1: L 34/6
- 13508 Background information on use of United States armed forces in foreign countries, 1970 revision by Foreign Affairs Division, Legislative Reference Service, Library of Congress, for Subcommittee on National Security Policy and Scientific Developments. 1970. v+62 p. (Committee print, 91st Congress, 2d session.) ‡  
L.C. card 70-608794 Y 4.F 76/1: Ar 5/6/970
- 13509 Background material, foreign assistance programs; June 11, 1970. 1970. iii+48 p. il. (Committee print, 91st Congress, 2d session.) ‡  
L.C. card 75-607861 Y 4.F 76/1: F 76/45
- 13510 Cuba and the Caribbean, hearings before Subcommittee on Inter-American Affairs, 91st Congress, 2d session, July 8-Aug. 3, 1970. 1970. iv+247 p. il. \* Paper, \$1.00. ● Item 1017  
L.C. card 70-608574 Y 4.F 76/1: C 89/7
- 13511 Geneva Convention relative to treatment of prisoners of war, with reservations, if any, by governments participating in hostilities in Vietnam, Cambodia and Laos, prepared for Subcommittee on National Security Policy and Scientific Developments; May 1970. 1970. xii+81 p. (Committee print.) ‡  
L.C. card 78-607634 Y 4.F 76/1: P 93/5
- 13512 Near East conflict, hearings before Subcommittee on Near East, 91st Congress, 2d session, July 21-30, 1970. 1970. iv+383 p. map \* Paper, \$1.50. ● Item 1017  
L.C. card 78-608702 Y 4.F 76/1: Ea 7/8
- 13513 Report of House delegation to 15th Commonwealth Parliamentary Association Conference, Oct. 13-17, 1969, Port-of-Spain, Trinidad and Tobago, by Leonard Farbstein, Sherman P. Lloyd; Nov. 7, 1969. 1969. vii+9 p. (Committee print, 91st Congress, 1st session.) ‡  
L.C. card 62-60741 Y 4.F 76/1: C 73/11
- 13514 Science, technology, and American diplomacy, toward new diplomacy in scientific age, prepared for Subcommittee on National Security Policy and Scientific Developments, by [Franklin P. Huddle], Science Policy Research and Foreign Affairs Divisions, Legislative Reference Service, Library of Congress (as part of extended study of interactions of science and technology with United States foreign policy); Apr. 1970. 1970. vii+28 p. (Committee print.) ‡  
L.C. card 79-607428 Y 4.F 76/1: Sci 2
- 13515 Section-by-section analysis and Ramseyer rule print of proposed act to amend further Peace Corps act, H.R. 16327, to amend Peace Corps act to authorize additional appropriations, and for other purposes; Mar. 10, 1970. 1970. v+11 p. (Committee print, 91st Congress, 2d session.) ‡  
L.C. card 78-608004 Y 4.F 76/1: P 31/8/970

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- 13516 Selective migration program for Latin America, operated by Intergovernmental Committee for European Migration (ICEM), hearing before Subcommittee on Inter-American Affairs, 91st Congress, 2d session, July 7, 1970. 1970. iii+37 p. † ● Item 1017  
L.C. card 74-608326 Y 4.F 76/1: L 34/5
- 13517 Student views toward United States policy in southeast Asia, hearings before Ad Hoc Committee of Members of House of Representatives, 91st Congress, 2d session, May 21 and 22, 1970. 1970. viii+277 p. † ● Item 1017  
L.C. card 77-608253 Y 4.F 76/1: St 9
- 13518 25th anniversary of United Nations, hearings before Subcommittee on International Organization and Movements, 91st Congress, 2d session. pt. 2. Apr. 21-Aug. 6, 1970. 1970. iv+347-565 p. \* Paper, \$1.00. ● Item 1017  
L.C. card 70-606703 Y 4.F 76/1: Un 34/13/pt.2

*Government Operations Committee, House*  
Washington, DC 20515

- 13519 Cyclamate sweeteners, hearing before subcommittee, 91st Congress, 2d session, June 10, 1970. 1970. iv+103 p. il. † ● Item 1016  
L.C. card 74-608902 Y 4.G 74/7: C 99
- 13520 Disposal of surplus Federal property for park and recreational purposes, hearing before subcommittee, 91st Congress, 2d session, on H.R. 15870, June 9, 1970. 1970. iii+50 p. † ● Item 1016  
L.C. card 75-608503 Y 4.G 74/7: Su 7/10
- 13521 Presidential advisory committees, hearings before subcommittee, 91st Congress, 2d session. pt. 2. May 26 and 27, 1970. 1970. iv+160 p. il. † ● Item 1016  
L.C. card 79-607460 Y 4.G 74/7: P 22/3/pt.2
- 13522 Procurement of architect and engineer services by Federal Government, hearing, 91st Congress, 2d sess., June 4, 1970. 1970. iii+230 p. † ● Item 1016  
L.C. card 74-608393 Y 4.G 74/7: Ar 2

*Interior and Insular Affairs Committee, House*  
Washington, DC 20515

[Committee hearings] serial, 91st Congress. † ● Item 1023

Y 4.In 8/14: 91-(nos.)

- 13523 9. Apostle Islands National Lakeshore, pt. 2, hearings before Subcommittee on National Parks and Recreation, 91st Congress, 2d session on H.R. 555, H.R. 9306, and S. 621, Mar. 23-June 3, 1970. 1970. v+199-435 p.  
L.C. card 70-604697
- 13524 21. Nonvoting delegates, Guam and Virgin Islands, hearings before Subcommittee on Territorial and Insular Affairs, 91st Congress, 2d session, on H.R. 7913 and H.R. 7914, May 18 and 19, 1970. 1970. iv+139 p.  
L.C. card 78-608501
- 13525 22. Sleeping Bear Dunes National Lakeshore, hearings before Subcommittee on National Parks and Recreation, 91st Congress, 2d session, on H.R. 11829 and related bills, June 8 and 9, 1970. 1970. v+348 p. il.  
L.C. card 75-608763
- 13526 24. Gulf Islands National Seashore, hearings before Subcommittee on National Parks and Recreation, 91st Congress, 2d session, on H.R. 10874, June 18 and 19, 1970. 1970. iv+111 p. il.  
L.C. card 73-608575

*Interstate and Foreign Commerce Committee, House*  
Washington, DC 20515

[Committee hearings] serial, 91st Congress. ● Item 1019

Y 4.In 8/4: 91-(nos.)

- 13527 65. Child-resistant packaging of household substances, hearing before Subcommittee on Commerce and Finance, 91st Congress, 2d session, on H.R. 6179, H.R. 6180, H.R. 16541, H.R. 16884, and S. 2162, June 8 and 9, 1970. 1970. iv+144 p. il. †  
L.C. card 78-608335

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## [Committee hearings] serial, 91st Congress—Continued

- 13528 66. SEC institutional investor study extension, hearing before Subcommittee on Commerce and Finance, 91st Congress, 2d session on H.J. Res. 1247, July 27, 1970. 1970. iii+24 p. †  
L.C. card 74-608578
- 13529 67. Securities investor protection, hearings before Subcommittee on Commerce and Finance, 91st Congress, 2d session, on H.R. 13308, H.R. 17585, H.R. 18081, H.R. 18109, and H.R. 18453, June 4-July 15, 1970. 1970. v+404 p. ii. \* Paper, \$1.50.  
L.C. card 74-608578

## Judiciary Committee, House Washington, DC 20515

### [Committee hearings] serial, 91st Congress. ● Item 1020

Y 4J 89/1: 91-(nos.)

- 13530 21. Antiobscenity legislation, hearings before Subcommittee no. 3, 91st Congress, on H.R. 5171, H.R. 11009, H.R. 11031, H.R. 11032, and related materials, Sept. 25, 1969-Apr. 16, 1970. 1970. vii+1222 p. \* Paper, \$5.00.  
L.C. card 75-608511
- 13531 22. Pop Warner Little Scholars, Incorporated, hearings before subcommittee no. 4, 91st Congress, 2d session, on H.R. 12640 and related proposals, July 1, 1970. 1970. iv+50 p. †  
L.C. card 79-608693
- 13532 23. Investigation of conglomerate corporations, hearings before Antitrust Subcommittee (subcommittee no. 9), 91st Congress.  
L.C. card 79-608878  
pt. 1. Gulf & Western Industries, Inc., July 30-Aug. 7, 1969. 1970. xviii+819 p. ii. \* Paper, \$3.50.  
pt. 2. Iasco Data Processing Corp., Oct. 15-23, 1969. 1970. x+897 p. ii. \* Paper, \$3.75.  
pt. 3. International Telephone & Telegraph Corporation, Nov. 20-Dec. 3, 1969. 1970. xii+1476 p. ii. 3 pl. \* Paper, \$6.25.  
pt. 4. National General Corporation, Jan. 28 and 29, 1970. 1970. viii+521 p. \* Paper, \$2.25.
- 13533 24. Circuit court executives, hearing before subcommittee no. 5, 91st Congress, 2d session, on H.R. 17901 and H.R. 17906, July 8, 1970. 1970. iii+53 p. †  
L.C. card 70-608901

## Merchant Marine and Fisheries Committee, House Washington, DC 20515

### [Committee hearings] serial, 91st Congress. † ● Item 1021

Y 4M 53: 91-(nos.)

- 13534 27. Increased assistance to commercial fisheries, Alaska pipeline, hearings before Subcommittee on Fisheries and Wildlife Conservation, 91st Congress, 1st and 2d sessions, on H.R. 14291 [and other bills], Oct. 31, 1969. 1970. vi+282 p.  
L.C. card 77-608576
- 13535 28. Merchant marine legislation, hearings before Subcommittee on Merchant Marine, 91st Congress, on H.R. 265 (construction-differential subsidies), H.R. 6972 (mobile trade fairs), H.R. 15549 (United Seamen's Service), pt. 1, June 10-24, 1970. 1970. iv+79 p.  
L.C. card 72-608505

## Post Office and Civil Service Committee, House Washington, DC 20515

### [Committee hearings] serial, 91st Congress. † ● Item 1022

Y 4P 84/10: 91-(nos.)

- 13536 25. Passport applications at certain post offices, hearing, 91st Congress, 2d session, on test program for acceptance of U.S. passport applications at selected post offices, July 7, 1970. 1970. iii+37 p.  
L.C. card 71-608407
- 13537 26. Compensation in Federal classified salary system, hearings before Subcommittee on Compensation, 91st Congress, 2d session, on H.R. 18403 [and] H.R. 18603, July 27-31, 1970. 1970. iv+204 p. ii.  
L.C. card 76-608695
- 13538 27. Survivor annuities, hearings before Subcommittee on Retirement, Insurance, and Health Benefits, 91st Congress, 2d session on H.R. 3661 and related bills, June 10, Aug. 4, 1970. 1970. iii+74 p.  
L.C. card 70-608577
- 13539 Salary and retirement annuity increases of Federal classified and postal employees, 1945-70 together with current salary schedules; Apr. 1, 1970. 1970. ii+8 p. (Committee print 14, 91st Congress, 2d session.) †  
L.C. card 70-607420 Y 4P 84/10: Sa 3/15/945-70

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*Science and Astronautics Committee, House*  
Washington, DC 20515

- 13540 National Institutes of Research and Advanced Studies, recommendation for centralization of Federal science responsibilities, report of Subcommittee on Science, Research, and Development, 91st Congress, 2d session. 1970. v+55 p. il. (Serial N, committee print.) ‡  
L.C. card 78-608560 Y 4.Sci 2: 91-2/N  
[Papers], 91st Congress, 2d session. † ● Item 1025-A  
Y 4.Sci 2: 91-2/21/pt. (nos.)
- 13541 21. Technology assessment, 1970, hearings before Subcommittee on Science and Astronautics, 91st Congress, 2d session, on H.R. 17046.  
pt. 2. Mar. 13-May 29, 1970. vi+339-1008 p. il. [Hearings held in Los Angeles, Calif., San Francisco, Calif., and Webster Groves, Mo.]  
L.C. card 75-608337
- 13542 22. Feasibility study, regional aerospace museum, hearings before ad hoc subcommittee on H.R. 10771, 91st Congress, 2d session, July 16, 1970. 1970. iii+43 p.  
L.C. card 70-608325
- 13543 Technology assessment system for Executive Branch, report of National Academy of Public Administration. July 1970. xi+85 p. il. ([Committee print.]) \* Paper, 45c.  
L.C. card 73-608792 Y 4.Sci 2: T 22/3

*Small Business, Select Committee on, House*  
Washington, DC 20515

- 13544 Rural and urban problems of small businessmen, hearings before Subcommittee on Small Business Problems in Smaller Towns and Urban Areas, 91st Congress, 2d session, pursuant to H. Res. 66.  
v. 2. May 14-15, 1970. iv+217 p. il. [Hearings held in Schenectady, Rochester, and Pittsford, N.Y.] † ● Item 1031  
L.C. card 70-608050 Y 4.Sm 1: R 88/v.2

*Veterans' Affairs Committee, House*  
Washington, DC 20515

- 13545 Bills to provide for purchase of mobile homes under VA guaranteed loan program, hearings before Subcommittee on Housing, 91st Congress, 2d session, on bills to provide for purchase of mobile homes under Veterans' Administration guaranty and other bills related to veterans' housing, July 14 and 16, 1970. 1970. vi+3417+3740 p. † ● Item 1027  
L.C. card 72-608860 Y 4.V 64/3: M 71
- 13546 [Scarce medical services, additional material.] Dec. 5, 1969. 14 p. ([Committee print] 181.) †  
Y 4.V 64/3: M 46/20
- 13547 Veterans' Administration hospital funding and personnel needs, hearings before Subcommittee on Hospitals, 91st Congress, 2d session, on need for additional funds and personnel in Veterans' Administration hospitals and medical programs. 1970. x+2835-3415 p. il. [Hearings held Washington, D.C. Apr. 14-May 19, 1970; Tampa, Fla., Apr. 20, 1970; Daytona Beach, Fla., Apr. 21, 1970; and Bronx, N.Y., June 12, 1970.] † ● Item 1027  
L.C. card 74-607826 Y 4.V 64/3: H 79/29

*Ways and Means Committee, House*  
Washington, DC 20515

- 13548 Brief summary of principal provisions of H.R. 16311, Family assistance act of 1970, as passed by House of Representatives on Apr. 16, 1970. 1970. ii+6 p. (Committee print, 91st Congress, 2d session.) ‡  
L.C. card 77-607422 Y 4.W 36: F 21

# GOVERNMENT PUBLICATIONS

- 13549 Brief summary of principal provisions of H.R. 17550, Social security amendments of 1970, as passed by House of Representatives May 21, 1970, including amendments to old-age survivors and disability insurance system and medicare, medicaid, and maternal and child health programs. 1970. ii+8 p. (Committee print, 91st Congress, 2d session.) ‡  
L.C. card 74-607885 Y 4.W 36: So 1/29
- 13550 Controlled dangerous substances, narcotics and drug control laws, hearings, 91st Congress, 2d session, on legislation to regulate controlled dangerous substances and amend narcotics and drug laws, July 20-27, 1970. 1970. vi+536 p. ‡ ● Item 1028  
L.C. card 78-608579 Y 4.W 36: Su 1
- 13551 Material relating to Domestic International Sales Corporation proposal of Treasury Department, presented on May 12, 1970, including statements of David M. Kennedy, Secretary of Treasury, John S. Nolan, Acting Assistant Secretary of Treasury for Tax Policy, and technical explanation of Treasury proposal. 1970. iii+64 p. (Committee print, 91st Congress, 2d session.) ‡  
L.C. card 71-607635 Y 4.W 36: D 71
- 13552 Written statement and other material submitted by administration witnesses during hearings on subject of Foreign trade and tariffs, together with letter of the President; May 1970. 1970. iv+346 p. il. (Committee print, 91st Congress, 2d session.) ‡  
L.C. card 79-607602 Y 4.W 36: F 76 tr 18

## INTERNAL REVENUE TAXATION JOINT COMMITTEE Washington, DC 20515

- 13553 Estimates of Federal receipts for fiscal years 1970 and 1971, prepared by staff of Joint Committee on Internal Revenue Taxation; May 28, 1970. 1970. ii+3 p. ‡  
L.C. card 53-60919 Y 4.In 8/11: R 24/970-71
- 13554 Summary of Senate amendments to revenue title of H.R. 14465, Airport and airway revenue act of 1970, prepared by House and Senate conferees on H.R. 14465, by staff of Joint Committee on Internal Revenue Taxation; Mar. 16, 1970. 1970. [1]+9 p. (Committee print.) ‡  
L.C. card 71-607580 Y 4.In 8/11: Ai 7

## REDUCTION OF FEDERAL EXPENDITURES JOINT COMMITTEE Washington, DC 20510

- 13555 1971 budget scorekeeping report: (staff report no. 3), pursuant to sec. 601 of Revenue act of 1941 showing status of 1971 fiscal year Federal budget, cumulative to Apr. 30, 1970 with summary presentation. 1970. iii+24. 4° (Joint committee print, 91st Congress, 2d session.) ‡  
Y 4.R 24/4: B 85/2/971/no.3
- 13556 — (staff report no. 4), pursuant to sec. 601 of Revenue act of 1941 showing status of 1971 fiscal year Federal budget, cumulative to May 21, 1970 with summary presentation. 1970. iii+24 p. 4° (Joint committee print, 91st Congress, 2d session.) ‡  
Y 4.R 24/4: B 85/2/971/no.4
- 13557 — (staff report no. 5), pursuant to sec. 601 of Revenue act of 1941 showing status of 1971 fiscal year Federal budget, cumulative to June 8, 1970 with summary presentation. 1970. iii+25 p. 4° (Joint committee print, 91st Congress, 2d session.) ‡  
Y 4.R 24/4: B 85/2/971/no.5

## SENATE Washington, DC 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, 91st Congress.

- 13558 54. King Kamehameha I and Father Damien [memorial statues]. Hawaii's presentation to National Statuary Collection. proceedings in Rotunda, United States Capitol. Apr. 15, 1969. [1970.] viii+40 p. il. 4\* [Illustrated lining papers.] ‡ (To be sent to depository libraries in Serial set binding.)

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- 13559 58. National estuarine pollution study, report of Secretary of Interior to Congress, pursuant to Public law 89-753, Clean water restoration act of 1966; Mar. 25, 1970. 1970. ix+633 p. il. † (To be sent to depository libraries in Serial set binding.)  
L.C. card 70-608613
- 13560 75. Tributes to Mike Mansfield of Montana, commemorating longest tenure as majority leader of United States Senate, June 25, 1970. 1970. iii+56 p. †  
● Item 996  
L.C. card 70-608782
- 13561 77. Air pollution abatement by Federal facilities, report of Secretary of Health, Education, and Welfare, in compliance with Public Law 90-148, Clean air act, as amended, Jan. 1970; July 17, 1970. 1970. v+35 p. † ● Item 996  
L.C. card 70-608862
- 13562 79. Semiannual report of Architect of Capitol, Jan. 1-June 30, 1970, pursuant to sec. 105 (b), Public law 454, 88th Congress; Aug. 14, 1970. 1970. iii+124 p. † ● Item 996
- 13563 83. Proposed supplemental appropriation for school assistance for fiscal 1970. May 25, 1970. 2 p. † ● Item 996
- 13564 87. Proposed amendments to 1971 budget. June 2, 1970. 2 p. † ● Item 996
- 13565 89. Proposed supplemental appropriation for fiscal [year] 1970 for Department of Labor. June 9, 1970. 2 p. † ● Item 996
- 13566 90. Proposed amendment to budget for fiscal year 1971 for Department of State. June 10, 1970. 2 p. † ● Item 996
- 13567 91. Proposed amendment to budget for fiscal year 1971 for Department of Commerce. June 16, 1970. 2 p. † ● Item 996
- 13568 92. Proposed amendment to budget for fiscal year 1971 for Federal Maritime Commission. June 24, 1970. 2 p. † ● Item 996
- 13569 93. Proposed amendment to budget for fiscal year 1971 involving Inter-American Social Development Institute. June 26, 1970. 2 p. † ● Item 996
- 13570 94. Proposed amendment to 1971 budget for Department of Agriculture. July 1, 1970. 2 p. † ● Item 996
- 13571 96. Proposed amendments to 1971 budget for legislative branch. July 27, 1970. 2 p. † ● Item 996
- 13572 99. Report of Secretary of Senate, Jan. 1-June 30, 1970; Aug. 25, 1970. 1970. iv+493 p. † (To be sent to depository libraries in Serial set binding.)

### Senate executive documents

Senate executive documents, 91st Congress, 2d session. †

- Y 1.91/2: (letters)
- 13573 I. Tax convention with Belgium, message from President of United States transmitting convention between United States and Belgium for avoidance of double taxation and prevention of fiscal evasion with respect to taxes on income signed Brussels July 9, 1970; Aug. 13, 1970. 1970. vii+20 p.
- 13574 J. Protocol for prohibition of use in war of asphyxiating, poisonous, or other gases, and of bacteriological methods of warfare, message from President of United States transmitting protocol signed Geneva June 17, 1925; Aug. 19, 1970. 1970. vi+8 p.

### Senate executive reports

Senate executive report, 91st Congress, 2d session.

- 13575 22. Nomination of Laurence H. Silberman. Report from Committee on Labor and Public Welfare to accompany nomination of Laurence H. Silberman. Aug. 28, 1970. 3 p. †  
Y 1.91/2: rp.22

### Senate reports

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

Senate reports on private bills, 91st Congress. † Senate Document Room, Capitol. ● Item 1008-B

- 13576 997. Conveyance of certain public land held under color of title. Report from Committee on Interior and Insular Affairs to accompany H.R. 5365. July 1, 1970. 15 p. [Bill amended by substituting name of Adelaide Gaines for Jessie L. Gaines.]
- 13577 1017. James E. Miller. Report from Committee on Judiciary to accompany S.878. July 15, 1970. 3 p.
- 13578 1018. Donald E. McGonegal. Report from Committee on Judiciary to accompany S.1422. July 15, 1970. 3 p.
- 13579 1019. William H. Morning. Report from Committee on Judiciary to accompany S.1804. July 15, 1970. 3 p.
- 13580 1020. Milton Kyhos. Report from Committee on Judiciary to accompany S.2104. July 15, 1970. 7 p.
- 13581 1021. Ruth E. Calvert. Report from Committee on Judiciary to accompany S.3138. July 15, 1970. 4 p.
- 13582 1022. Donald N. O'Callaghan. Report from Committee on Judiciary to accompany S.2755. July 15, 1970. 13 p.

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# GOVERNMENT PUBLICATIONS

## Senate reports on private bills, 91st Congress—Continued

- 13583 1023. John Borbridge, jr. Report from Committee on Judiciary to accompany S.2834, July 15, 1970. 4 p.
- 13584 1024. James Glen Ramsay. Report from Committee on Judiciary to accompany S.311, July 15, 1970. 12 p.
- 13585 1035. S. Sgt. Lawrence F. Payne. Report from Committee on Judiciary to accompany H.R. 14619, July 24, 1970. 5 p.
- 13586 1044. Capt. Melvin A. Kaye. Report from Committee on Judiciary to accompany H.R. 1453, July 30, 1970. 5 p.
- 13587 1045. Jack Brown. Report from Committee on Judiciary to accompany H.R. 1697, July 30, 1970. 8 p.
- 13588 1046. Clayton County Journal and Wilber Harris. Report from Committee on Judiciary to accompany H.R. 1703, July 30, 1970. 4 p.
- 13589 1047. Capt. Norman W. Stanley. Report from Committee on Judiciary to accompany H.R. 1728, July 30, 1970. 6 p.
- 13590 1048. Carlo DeMarco. Report from Committee on Judiciary to accompany H.R. 2209, July 30, 1970. 3 p.
- 13591 1049. John T. Anderson. Report from Committee on Judiciary to accompany H.R. 2241, July 30, 1970. 5 p.
- 13592 1050. Elbert C. Moore. Report from Committee on Judiciary to accompany H.R. 2407, July 30, 1970. 11 p.
- 13593 1051. Frank J. Enright. Report from Committee on Judiciary to accompany H.R. 2458, July 30, 1970. 3 p.
- 13594 1052. Comdr. John W. McCord. Report from Committee on Judiciary to accompany H.R. 2451, July 30, 1970. 5 p.
- 13595 1054. Thomas A. Smith. Report from Committee on Judiciary to accompany H.R. 3558, July 30, 1970. 3 p.
- 13596 1055. Robert G. Smith. Report from Committee on Judiciary to accompany H.R. 3723, July 30, 1970. 3 p.
- 13597 1056. Albert J. Jameson, jr. Report from Committee on Judiciary to accompany H.R. 5337, July 30, 1970. 5 p.
- 13598 1057. Amalia P. Montero. Report from Committee on Judiciary to accompany H.R. 6375, July 30, 1970. 5 p.
- 13599 1058. Lt. Col. Earl Spofford Brown. Report from Committee on Judiciary to accompany H.R. 6377, July 30, 1970. 7 p.
- 13600 1059. Maj. Clyde Nichols (retired). Report from Committee on Judiciary to accompany H.R. 6850, July 30, 1970. 7 p.
- 13601 1060. Thomas J. Condon. Report from Committee on Judiciary to accompany H.R. 9092, July 30, 1970. 6 p.
- 13602 1061. Elgie L. Tabor. Report from Committee on Judiciary to accompany H.R. 9591, July 30, 1970. 7 p.
- 13603 1062. Walter L. Parker. Report from Committee on Judiciary to accompany H.R. 10662, July 30, 1970. 4 p.
- 13604 1063. T. Sgt. Peter Elias Gianutsos, U.S. Air Force (retired). Report from Committee on Judiciary to accompany H.R. 11890, July 30, 1970. 7 p.
- 13605 1064. Bly D. Dickson, jr. Report from Committee on Judiciary to accompany H.R. 12176, July 30, 1970. 5 p.
- 13606 1065. Russell L. Chandler. Report from Committee on Judiciary to accompany H.R. 12622, July 30, 1970. 4 p.
- 13607 1066. John A. Avdeef. Report from Committee on Judiciary to accompany H.R. 12887, July 30, 1970. 5 p.
- 13608 1068. Capt. Jackie D. Burgess. Report from Committee on Judiciary to accompany H.R. 8470, July 30, 1970. 6 p.
- 13609 1095. Arie Abramovich. Report from Committee on Judiciary to accompany S. 1943, Aug. 12, 1970. 6 p.
- 13610 1096. Dr. Nahid Mansoori Diaz. Report from Committee on Judiciary to accompany S. 3702, Aug. 12, 1970. 6 p.
- 13611 1097. Reynaldo Canlas Baecher. Report from Committee on Judiciary to accompany S. 3796, Aug. 12, 1970. 9 p.
- 13612 1098. Mrs. Pang Tai Tai. Report from Committee on Judiciary to accompany S. 3853, Aug. 12, 1970. 4 p.
- 13613 1099. Eagle Lake Timber Co., a partnership, of Susanville, Calif. Report from Committee on Judiciary to accompany H.R. 1749, Aug. 12, 1970. 11 p.
- 13614 1100. Anan Eldredge. Report from Committee on Judiciary to accompany H.R. 2849, Aug. 12, 1970. 6 p.
- 13615 1102. Tae Pung Hills. Report from Committee on Judiciary to accompany H.R. 12400, Aug. 12, 1970. 6 p.
- 13616 1103. Conferring U.S. citizenship posthumously upon Jose Guadalupe Esparza-Montoya. Report from Committee on Judiciary to accompany H.R. 12446, Aug. 12, 1970. 2 p.
- 13617 1104. Gloria Jara Haase. Report from Committee on Judiciary to accompany H.R. 12959, Aug. 12, 1970. 12 p.
- 13618 1108. Mrs. Maria Eloisa Pardo Hall. Report from Committee on Judiciary to accompany H.R. 13895, Aug. 12, 1970. 6 p.
- 13619 1113. Capt. Claire E. Brou. Report from Committee on Judiciary to accompany S. 3419, Aug. 12, 1970. 36 p.
- 13620 1115. Keum Ja Franks. Report from Committee on Judiciary to accompany H.R. 2043, Aug. 12, 1970. 8 p.
- 13621 1116. Lt. Col. Robert L. Poehlein. Report from Committee on Judiciary to accompany H.R. 13810, Aug. 12, 1970. 9 p.
- 13622 1117. Johnny Mason, jr. (Johnny Trinidad Mason, jr.) Report from Committee on Judiciary to accompany S. 3529, Aug. 12, 1970. 7 p.

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Senate reports on public bills, 91st Congress. † Senate Document Room, Capitol. (No. 1124 is sold by Superintendent of Documents.) ● Item 1008-A

- 13623 790. Amending sec. 3006A of title 18, United States Code. Report from Committee on Judiciary to accompany S. 1461. Apr. 23, 1970. 20 p.
- 13624 897. Amending sec. 11 of act approved Aug. 4, 1950, entitled Act relating to policing of buildings and grounds of Library of Congress. Report from Committee on Rules and Administration to accompany H.R. 12619. May 27, 1970. 2 p.
- 13625 898. Extending for 4 years existing authority for erection in District of Columbia of memorial to Mary McLeod Bethune. Report from Committee on Rules and Administration to accompany H.J. Res. 1069. May 27, 1970. 2 p.
- 13626 899. Authorizing printing of compilation entitled Federal and State student aid programs, as Senate document. Report from Committee on Rules and Administration to accompany S. Con. Res. 61. May 27, 1970. 2 p.
- 13627 901. To print annual report of National Forest Reservation Commission as Senate document. Report from Committee on Rules and Administration to accompany S. Res. 402. 2 p.
- 13628 902. Authorizing additional expenditures by Committee on Interior and Insular Affairs. Report from Committee on Rules and Administration to accompany S. Res. 408. May 27, 1970. 2 p.
- 13629 903. To print as Senate document materials relating to S. Con. Res. 49 (congressional recognition of Goddard Rocket and Space Museum). Report from Committee on Rules and Administration to accompany S. Res. 408. May 27, 1970. 2 p.
- 13630 904. Providing for printing as House document tributes of members of Congress to service of Chief Justice Earl Warren. Report from Committee on Rules and Administration to accompany H. Con. Res. 537. May 27, 1970. 1 p.
- 13631 905. Authorizing reprinting of compilation of works of art and other objects in United States Capitol, as House document and for other purposes. Report from Committee on Rules and Administration to accompany H. Con. Res. 578. May 27, 1970. 1 p.
- 13632 906. Relative to printing as House document history of Committee on Agriculture. Report from Committee on Rules and Administration to accompany H. Con. Res. 584. May 27, 1970. 1 p.
- 13633 907. Authorizing certain printing for Committee on Veterans Affairs. Report from Committee on Rules and Administration to accompany H. Con. Res. 585. May 27, 1970. 1 p.
- 13634 908. Authorizing printing of additional copies of House report 91-610, entitled Report of special study mission to southern Africa. Report from Committee on Rules and Administration to accompany H. Con. Res. 520. May 27, 1970. 1 p.
- 13635 909. Authorizing certain printing for Select Committee on Crime. Report from Committee on Rules and Administration to accompany H. Con. Res. 580. May 27, 1970. 1 p.
- 13636 910. Authorizing compilation and printing of revised edition of Biographical directory of American Congress (1774-1970). Report from Committee on Rules and Administration to accompany S. Con. Res. 70. May 27, 1970. 1 p. [Corrected print.]
- 13637 927. Extending leave for members of uniformed services in hostile fire areas. Report from Committee on Armed Services to accompany S. 3948. June 11, 1970. 4 p.
- 13638 936. Authorizing land conveyance to Central Dakota Nursing Home. Report from Committee on Interior and Insular Affairs to accompany S. 2209. June 18, 1970. 5 p.
- 13639 959. Continuing appropriations, 1971. Report from Committee on Appropriations to accompany H.J. Res. 1264. June 24, 1970. 2 p.
- 13640 966. Western interstate nuclear compact. Report from Committee on Judiciary to accompany S. 1628. June 25, 1970. 7 p.
- 13641 967. Providing for holding of court in Gulfport in southern division of southern district of Mississippi. Report from Committee on Judiciary to accompany S. 3129. June 25, 1970. 3 p.
- 13642 972. Amending sec. 2734, 2733, and 715 of title 10, United States Code, to authorize Secretary concerned to make partial payments on certain claims which are certified to Congress. Report from Committee on Judiciary to accompany H.R. 4247. June 25, 1970. 7 p.
- 13643 975. Mid-Atlantic States air pollution control compact. Report from Committee on Judiciary to accompany S.J. Res. 53. June 25, 1970. 18 p. L.C. card 70-608191
- 13644 976. American Revolution Bicentennial Commission. Report from Committee on Judiciary to accompany S. 3630. June 25, 1970. 10 p.
- 13645 985. Interior Department and related agencies appropriations bill, 1971. Report from Committee on Appropriations to accompany H.R. 17619. June 26, 1970. 49 p.
- 13646 991. Authorizing Secretary of Interior to construct, operate, and maintain Narrows unit, Missouri River Basin project, in Colorado. Report from Committee on Interior and Insular Affairs to accompany S. 3547. June 29, 1970. 10 p.
- 13647 992. Rental of space for accommodation of District of Columbia agencies and activities. Report from Committee on District of Columbia to accompany S. 3649. June 29, 1970. 6 p.

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## Senate reports on public bills, 91st Congress—Continued

- 13648 994. Authorizing Secretary of Interior to enter into contracts for protection of public lands from fires, in advance of appropriations therefor, and to twice renew such contracts. Report from Committee on Interior and Insular Affairs to accompany S. 3777. June 30, 1970. 5 p.
- 13649 1000. Removing cloud on titles of certain property located in Malin, Oreg. Report from Committee on Interior and Insular Affairs to accompany H.R. 2036. July 4, 1970. 3 p.
- 13650 1001. Extending Classification and multiple use act and Public land sale act. Report from Committee on Interior and Insular Affairs to accompany S. 3728. July 6, 1970. 6 p.
- 13651 1002. Health training improvement act of 1970. Report from Committee on Labor and Public Welfare to accompany S. 3586. July 6, 1970. 39 p.  
L.C. card 77-608324
- 13652 1003. Conveyance of real property to Board of Public Instruction, Okaloosa County, Fla. Report from Committee on Armed Services to accompany H.R. 7618. July 7, 1970. 5 p.
- 13653 1004. Expanding, improving, and better coordinating family planning services and population research activities of Federal Government. Report from Committee on Labor and Public Welfare to accompany S. 2108. July 7, 1970. 21 p.
- 13654 1006. Civil Rights Commission authorization. Report together with individual and additional views from Committee on Judiciary to accompany S. 2455. July 8, 1970. 24 p.
- 13655 1007. Amending National sea grant college and program act of 1966. Report from Committee on Commerce to accompany S. 2293. July 8, 1970. 6 p.
- 13656 1008. Amending Marine resources and engineering development act of 1966. Report from Committee on Commerce to accompany S. 3617. July 8, 1970. 9 p.
- 13657 1010. Flying of American flag over remains of U.S.S. Utah at Pearl Harbor, Hawaii. Report from Committee on Armed Services to accompany S. 583. July 9, 1970. 3 p.
- 13658 1011. Land acquisition within Everglades National Park. Report from Committee on Interior and Insular Affairs to accompany S. 2565. July 9, 1970. 7 p.
- 13659 1013. Authorizing Secretary of Interior to establish volunteers in park program. Report from Committee on Interior and Insular Affairs to accompany H.R. 12758. July 10, 1970. 6 p.
- 13660 1014. Improving administration of National park system by Secretary of Interior, and clarifying authorities applicable to system, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany S. 2985. July 10, 1970. 14 p.
- 13661 1015. Canal Zone government, cash relief. Report from Committee on Armed Services to accompany H.R. 7517. July 13, 1970. 5 p.
- 13662 1025. Election reform act of 1970. Report of Committee on Rules and Administration to accompany S. 734; July 15, 1970. 1970. III+27 p.  
L.C. card 70-608439
- 13663 1026. Providing for designation of special policemen at Government Printing Office, and for other purposes. Report from Committee on Rules and Administration to accompany H.R. 14452. July 15, 1970. 4 p.
- 13664 1027. Authorizing Public Printer to grant time off as compensation for overtime worked by certain employees of Government Printing Office. Report from Committee on Rules and Administration to accompany H.R. 14453. July 15, 1970. 3 p.
- 13665 1030. Authorizing act of Aug. 22, 1949 (Stat. 623) so as to authorize Board of Regents of Smithsonian Institution to plan and construct museum support and depository facilities. Report from Committee on Rules and Administration to accompany S. 209. July 15, 1970. 3 p.
- 13666 1031. Amending secs. 5580 and 5581 of revised statutes to provide for additional members of Board of Regents of Smithsonian Institution. Report from Committee on Rules and Administration to accompany H.R. 14215. July 15, 1970. 4 p.
- 13667 1032. Designate navigation lock on Sacramento deepwater ship channel in State of California as William G. Stone Navigation Lock. Report from Committee on Public Works to accompany S. 3192. July 17, 1970. 2 p.
- 13668 1034. Resource recovery act of 1970. Report of Committee on Public Works together with individual view to accompany S. 2005. July 23, 1970. 1970. III+41 p.  
L.C. card 75-608467
- 13669 1036. Extension of High-speed ground transportation act. Report of Senate Committee on Commerce on S. 3730 (together with individual views); July 28, 1970. 1970. III+44 p.
- 13670 1037. District of Columbia freeway airspace utilization. Report from Committee on District of Columbia to accompany S. 3647. July 28, 1970. 7 p.
- 13671 1038. Improvements in administration of District of Columbia health services. Report from Committee on District of Columbia to accompany S. 3648. July 28, 1970. 6 p.
- 13672 1039. Flammable fabrics act amendments. Report from Committee on Commerce together with individual views to accompany S. 3765. July 29, 1970. 21 p.
- 13673 1040. Fire research and safety act authorization. Report from Committee on Commerce to accompany S. 3766. July 29, 1970. 4 p.
- 13674 1041. Continuing appropriations, 1971. Report from Committee on Appropriations to accompany H.J. Res. 1328. July 29, 1970. 3 p.

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- 13675 1042. Ohio Northern University commemorative medals. Report from Committee on Banking and Currency to accompany H.R. 15118. July 30, 1970. 3 p.
- 13676 1043. International biological program. Report from Committee on Labor and Public Welfare to accompany H.J. Res. 589. July 30, 1970. 7 p.
- 13677 1069. Comprehensive alcohol abuse and alcoholism prevention, treatment, and rehabilitation act of 1970. Report from Committee on Labor and Public Welfare to accompany S. 3835. Aug. 3, 1970. 38 p. L.C. card 77-608663
- 13678 1070. Demonstration elementary school for the deaf. Report from Committee on Labor and Public Welfare to accompany S. 4083. Aug. 5, 1970. 5 p.
- 13679 1071. Family practice of medicine act of 1970. Report from Committee on Labor and Public Welfare to accompany S. 3418. Aug. 5, 1970. 15 p.
- 13680 1072. Amending act of Oct. 15, 1966 (80 Stat. 953: 20 U.S.C. 65a), relating to National Museum of Smithsonian Institution, so as to authorize additional appropriations to Smithsonian Institution for carrying out purposes of said act. Report from Committee on Rules and Administration to accompany S. 704. Aug. 5, 1970. 4 p.
- 13681 1073. To print as Senate document report Manpower and training needs for air pollution control. Report from Committee on Rules and Administration to accompany S. Res. 431. Aug. 5, 1970. 2 p.
- 13682 1074. Authorizing printing of additional copies of pt. 1 of hearings by Committee on Commerce on Consumer protection. Report from Committee on Rules and Administration to accompany S. Res. 437. Aug. 5, 1970. 2 p.
- 13683 1075. Authorizing printing of additional copies of pt. 2 of hearings by Committee on Commerce on Consumer protection. Report from Committee on Rules and Administration to accompany S. Res. 438. Aug. 5, 1970. 1 p.
- 13684 1076. Authorization to fix certain fees. Report from Committee on District of Columbia to accompany S. 3906. Aug. 10, 1970. 4 p.
- 13685 1077. Taxation by District of Columbia regulated investment companies. Report from Committee on District of Columbia to accompany H.R. 15381. Aug. 10, 1970. 3 p.
- 13686 1078. Water and sanitary sewer rates. Report from Committee on District of Columbia to accompany S. 3905. Aug. 10, 1970. 14 p.
- 13687 1079. District of Columbia Federal payment authorization act of 1970. Report from Committee on District of Columbia to accompany S. 3908. Aug. 10, 1970. 4 p.
- 13688 1080. Merchant marine program. Report with additional views from Committee on Commerce to accompany H.R. 15424. Aug. 10, 1970. 133 p. il.
- 13689 1083. Implementing convention on offenses and certain other acts committed on board aircraft. Report from Committee on Commerce to accompany S. 2176. Aug. 10, 1970. 7 p.
- 13690 1084. Bank holding company act amendments of 1970. Report together with supplementary and individual views to accompany H.R. 6778. Aug. 10, 1970. iii+48 p. L.C. card 70-608664
- 13691 1086. Authorizing retired officers of U.S. Navy to command U.S.S. Constitution (IX-21). Report from Committee on Armed Services to accompany H.R. 8662. Aug. 11, 1970. 3 p.
- 13692 1087. Authorizing interservice transfers of Coast Guard Officers. Report from Committee on Armed Services to accompany H.R. 9052. Aug. 11, 1970. 3 p.
- 13693 1088. Authorizing U.S. flags to be presented to parents of deceased servicemen. Report from Committee on Armed Services to accompany H.R. 13195. Aug. 11, 1970. 7 p.
- 13694 1091. Providing special health care benefits for certain surviving dependents. Report from Committee on Armed Services to accompany S. 4148. Aug. 12, 1970. 7 p.
- 13695 1092. Civil service retirement. Report from Committee on Post Office and Civil Service to accompany S. 437. Aug. 12, 1970. 17 p.
- 13696 1111. Amending sec. 355 of revised statutes, as amended, concerning approval by Attorney General of title to lands acquired for or on behalf of United States, and for other purposes. Report from Committee on Judiciary to accompany H.R. 15374. Aug. 12, 1970. 12 p.
- 13697 1118. Public works for water, pollution control, and power development and Atomic Energy Commission appropriation bill, 1971. Report from Committee on Appropriations to accompany H.R. 18127. Aug. 12, 1970. 67 p.
- 13698 1120. National Clown Week. Report from Committee on Judiciary to accompany H.J. Res. 238. Aug. 13, 1970. 2 p.
- 13699 1122. Commission on Organization of Government of District of Columbia and Delegate to House of Representatives from District of Columbia. Report from Committee on District of Columbia to accompany H.R. 18725. Aug. 13, 1970. 36 p.
- 13700 1123. Direct popular election of the President. Report together with individual, separate, and minority views from Committee on Judiciary to accompany S.J. Res. 1. Aug. 14, 1970. 55 p.
- 13701 1124. Consumer protection act. Report of Committee on Commerce on S. 3201 (together with individual, separate, and supplemental views) to amend Federal Trade Commission act to provide increased protection for consumers, and for other purposes; Aug. 14, 1970. 1970. iii+90 p. \* Paper, 40c. L.C. card 79-608618
- 13702 1127. Repealing act of Aug. 25, 1959, with respect to final disposition of affairs of Choctaw Tribe. Report from Committee on Interior and Insular Affairs to accompany H.R. 15866. Aug. 18, 1970. 5 p.

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# GOVERNMENT PUBLICATIONS

## Senate reports on public bills, 91st Congress—Continued

- 13703 1128. Federal share insurance for credit unions. Report of Committee on Banking and Currency to accompany S. 3822, Aug. 19, 1970. 1970. iii+24 p.  
13704 1136. Employment and training opportunities act of 1970. Report of Committee on Labor and Public Welfare on S. 3867, together with supplemental and individual views; Aug. 20, 1970. 1970. [1]+135 p. ll.

## *Aeronautical and Space Sciences Committee, Senate* Washington, DC 20510

- 13705 Apollo 13 mission review, hearing, 91st Congress, 2d session, June 30, 1970. 1970. iii+121 p. † ● Item 1032  
L.C. card 74-608405 Y 4.Ae 8: Ap 4/4

## *Aging, Special Committee on, Senate* Washington, DC 20510

Economics of aging, toward a full share in abundance, hearing, 91st Congress, 1st session. ● Item 1009  
L.C. card 76-603995 Y 4.Ag 4: Ec 7/pt. (nos.)

- 13706 pt. 8. National organizations, Washington, D.C., Oct. 29, 1969. 1970. iv+1085-1158 p. ll. \* Paper, 30c.  
pt. 9. Employment aspects, Washington, D.C., Dec. 18-19, 1969. 1970. iv+1159-1423 p. \* Paper, \$1.00.

## *Agriculture and Forestry Committee, Senate* Washington, DC 20510

- 13707 Inspection of meat imports, hearings, before Subcommittee on Agricultural Research and General Legislation, 91st Congress, 2d session, on S. 3942 and S. 3987 and S. Con. Res. 73, July 16 and 17, 1970. 1970. iii+132 p. † ● Item 1032  
L.C. card 77-608332 Y 4.Ag 8/2: M 46/7

## *Appropriations Committee, Senate* Washington, DC 20510

- 13708 Department of State, Justice, and Commerce, the judiciary, and related agencies appropriations for fiscal year 1971, hearings before subcommittee, 91st Congress, 2d session, on H.R. 17575. 1970. ii+1085+xviii p. ll. † ● Item 1033  
L.C. card 70-608778 Y 4.Ap 6/2: St 2/971

- 13709 Public works for water, pollution control, and power development and Atomic Energy Commission appropriations, fiscal year 1971, hearings before subcommittee, 91st Congress, 2d session, on H.R. 18127. † ● Item 1033

L.C. card 73-608035 Y 4.Ap 6/2: P 96/3/971/pt.1/(nos.)  
[pt. 1, v. 2]. [Civil functions, Department of Army.] 1970. ii+1259-2296+xxxviii p.  
[pt. 2]. [Department of Interior, Bureau of Reclamation, Office of Secretary, Federal Water Quality Administration.] 1970. ii+921+xviii p. ll.  
[pt. 3, v. 1]. [Alaska Power Administration, Interior, Bonneville Power Administration, Interior, Delaware River Basin Commission, National Water Commission, Panama Canal, Southeastern Power Administration, Interior, Southwestern Power Administration, Interior, Tennessee Valley Authority, underground electric power transmission research, Interior, Water Resources Council.] 1970. ii+863+xxii p. ll.  
[pt. 4, v. 1]. [Nondepartmental witnesses.] 1970. ii+1467+xxxviii p. ll.  
[pt. 4, v. 2]. [Nondepartmental witnesses.] 1970. ii+1469-2608+xxxviii p. ll.  
[pt. 5]. [Appeals and agencies capabilities.] 1970. ii+394+xvi p.

- 13710 Treasury, Post Office, and Executive Office appropriations for fiscal year 1971, hearings before subcommittee, 91st Congress, 2d session, on H.R. 16900. 1970. ii+1466+xiii p. ll. † ● Item 1033  
L.C. card 74-608882 Y 4.Ap 6/2: T 71/971

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- 13711 Treasury, Post Office, and Executive Office appropriations for fiscal year 1971, hearings before subcommittee, 91st Congress, 2d session, on H.R. 16900: [Addendum to hearings, Office of Management and Budget, Executive Office of the President]. 1970. ii+1467-98 p. † ● Item 1033  
L.C. card 74-608882 Y 4.Ap 6/2: T 71/971/add.

**Armed Services Committee, Senate**

Washington, DC 20510

- 13712 Nomination of Dr. Louis M. Rousselot to be Assistant Secretary of Defense (Health and Environment), hearing, 91st Congress, 2d session on nomination of Louis M. Rousselot to be Assistant Secretary of Defense, July 9, 1970. 1970. ii+16 p. † ● Item 1034  
L.C. card 71-608328 Y 4.Ar 5/3: R 76
- 13713 Report of Joint Senate-House Armed Services Subcommittee on CVAN-70 aircraft carrier (appointed pursuant to sec. 402(a) Public law 91-121), together with minority views; Apr. 22, 1970. 1970. ii+5 p. (Joint subcommittee print, 91st Congress, 2d session.) ‡  
L.C. card 70-807005 Y 4.Ar 5/3: Ai 7/13
- 13714 Thailand servicemen's club activities, hearing before Subcommittee on Thailand Servicemen's Club Activities, 91st Congress, 2d session, on allegations of kickbacks and other possible irregularities in nonappropriated fund Air Force officer and noncommissioned officer clubs in Thailand, June 10, 1970. 1970. vii+73 p. † ● Item 1034  
L.C. card 73-608488 Y 4.Ar 5/3: T 32

**Banking and Currency Committee, Senate**

Washington, DC 20510

- 13715 Federal Broker-Dealer Insurance Corporation, hearings before Subcommittee on Securities, 91st Congress, 2d session, on S. 2348, S. 3988, and S. 3989, Apr. 16-July 16, 1970. 1970. vi+320 p. † ● Item 1035  
L.C. card 73-608331 Y 4.B 22/3: F 31/49
- 13716 Housing and urban development legislation of 1970, hearings before Subcommittee on Housing and Urban Affairs, 91st Congress, 2d session.  
† ● Item 1035  
L.C. card 70-608699 Y 4.B 22/3: H 81/55/970/pt. (nos.)  
pt. 1. July 13-23, 1970. 1970. xix+1+954 p. ii.  
pt. 2. July 24-30, 1970, and appendix. 1970. xix+955-1844 p.

**Commerce Committee, Senate**

Washington, DC 20510

- [Committee hearings] serial, 91st Congress. † ● Item 1041  
L.C. card 76-606946 Y 4.C 73/2: 91 (nos.)
- 13717 48. Consumer protection, hearings before Consumer Subcommittee, 91st Congress, 2d session, on S. 2242, S. 3092, and S. 3201.  
pt. 2 Mar. 17-Apr. 9, 1970. 1970. iv+221-533 p. ii.
- 13718 62. Advisory commission to study freight rates, hearings before Subcommittee on Surface Transportation, 91st Congress, 2d session, on S. 2355, Mar. 17-19, 1970. 1970. iv+154 p.  
L.C. card 77-608403
- 13719 63. Nominations, hearings, 91st Congress, 2d session, on nominations of James A. Palmer, Ellis L. Perry, John F. Thompson, jr., Edward D. Scheiderer, and Albert A. Heckman, U.S. Coast Guard to be Rear Admirals; Charles Duane Baker, to be Assistant Secretary of Transportation for Policy and International Affairs; Robert H. Cannon, jr. to be Assistant Secretary for Advanced Systems Development and Technology, Department of Transportation; Kenneth Myers Smith to be Deputy Administrator, Federal Aviation Administration, Department of Transportation; John Nicholas Nassikas, for reappointment as Federal Power Commission Commissioner; Chester R. Bender, to be Commandant of U.S. Coast Guard, Department of Transportation; Helen Delich Bentley, for reappointment to be Federal Maritime Commissioner; and Thomas R. Sargent III to be Assistant Commandant of U.S. Coast Guard with rank of Vice Admiral, Feb. 19-May 26, 1970. 1970. iii+69 p.  
L.C. card 78-608327

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# GOVERNMENT PUBLICATIONS

## [Committee hearings] serial, 91st Congress—Continued

- 13720 64. High-speed ground transportation, hearing before Subcommittee on Surface Transportation, 91st Congress, 2d session, on S. 3730, June 4, 1970. 1970. iii+39 p. L.C. card 75-608396
- 13721 65. Through routes and joint rates hearings before Subcommittee on Surface Transportation, 91st Congress, 2d session, on S. 2245 and S. 3626, Mar. 6-June 11, 1970. 1970. iv+113 p. L.C. card 71-608395
- 13722 66. Exemption of certain wages and salaries, hearings, 91st Congress 2d session, on S. 2044, Mar. 3 and 4, 1970. 1970. iv+168 p. L.C. card 72-608398
- 13723 68. Freight car shortages, hearings before Special Freight Car Shortage Subcommittee, 91st Congress, 2d session, on S. 3223 [and] S. 3334, Mar. 24-Apr. 1, 1970. 1970. vi+536 p. il. L.C. card 70-608700
- 13724 69. National transportation act, hearings, 91st Congress, 2d session, on S. 924 and S. 2425, Feb. 26-May 12, 1970. 1970. iv+401 p. il. L.C. card 76-608573
- 13725 70. Special study on United Nations suboceanic lands policy, hearings, 91st Congress, 1st session, Sept. 23-Nov. 21, 1969. 1970. iii+186 p. L.C. card 71-608691

## *Equal Educational Opportunity, Select Committee on, Senate*

Washington, DC 20510

NOTE.—The Select Committee on Equal Educational Opportunity was established by S. Res. 359, 91st Cong., agreed to Feb. 19, 1970.

- 13726 Equal educational opportunity, hearings, 91st Congress, 2d session, Apr. 20-May 12, 1970. ● Item 1009 Y 4.Eq 2:Eq 2/pt. (nos.)  
L.C. card 70-608401  
pt. 1A. Equality of educational opportunity, introduction. 1970. v+1-413 p. il. \* Paper, \$1.50.  
pt. 1B. Equality of educational opportunity, appendix. iii+415-741 p. \* Paper, \$1.25.

## *Finance Committee, Senate*

Washington, DC 20510

- 13727 Material related to H.R. 16311 [Family assistance act of 1970], prepared by staff; Apr. 29, 1970. 1970. ii+51 p. il. (Committee print, 91st Congress, 2d session.) † Y 4.F 49: F 21/4  
L.C. card 70-60742 3
- 13728 Medicare and medicaid, hearings before Subcommittee on Medicare-Medicaid, 91st Congress, 2d session. pt. 2. Apr. 14-June 16, 1970. 1970. ix+193-846 p. il. \* Paper, \$2.75. ● Item 1038 Y 4.F 49: M 46/4/970/pt.2  
L.C. card 78-606566
- 13729 Tax reform act of 1969, hearings, 91st Congress, 1st session, on H.R. 13270. pt. 7. Complete contents and index to hearings; summary of H.R. 13270 as reported by Committee on Finance; written testimony received, foundations, various subjects. 1969. lxi+ [6183]-6777+xii p. \* Paper, \$2.75. ● Item 1038 Y 4.F 49: T 19/27/pt.7  
L.C. card 73-608875
- 13730 Tax reform act of 1969, table of contents for committee amendment to H.R. 13270; Nov. 24, 1969. 1969. vii p. (Committee print, 91st Congress, 1st session.) † Y 4.F 49: T 19/35

## *Foreign Relations Committee, Senate*

Washington, DC 20510

- 13731 Background information relating to Southeast Asia and Vietnam; June 1970. 6th revised editon. 1970. vii+455 p. (Committee print, 91st Congress, 2d session.) † \* Paper, \$1.75. Y 4.F 76/2: V 67/5/970  
L.C. card 72-608887
- Impact of war in southeast Asia on U.S. economy, hearings, 91st Congress, 2d session. pt. 2. Apr. 28-Aug. 13, 1970. 1970. iv+123-458 p. il. \* Paper, \$1.25. ● Item 1039 Y 4.F 76/2: A 8 4/11/pt.2  
L.C. card 70-607454

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13733 Inter-American Development Bank act amendment, hearing, 91st Congress, 2d session, on S. 3934, July 9, 1970. 1970. iii+82 p. † ● Item 1039  
L.C. card 76-608506 Y 4.F 76/2: In 8/28/970

13734 Reporting requirements in legislation on foreign relations, study of provisions of law requiring reports to Congress in foreign relations field [prepared by [Ellen C. Collier], Foreign Affairs Division, Legislative Reference Service, Library of Congress; Feb. 1970. 1970. vii+53 p. (Committee print, 91st Congress, 2d session.) †  
L.C. card 72-607429 Y 4.F 76/2: F 76/26

United States security agreement and commitments abroad, hearings before Subcommittee on United States Security Agreements and Commitments Abroad, 91st Congress, 2d session.

13735 pt. 5. Japan and Okinawa, Jan. 26-29, 1970. 1970. iv+1147-1525 p. ii. map.  
† ● Item 1039  
L.C. card 70-604496 Y 4.F 76/2: Se 2/pt.5

**Government Operations Committee, Senate**  
Washington, DC 20510

13736 Council of Health Advisers, hearing before Subcommittee on Executive Reorganization and Government Research, 91st Congress, 2d session, on S. 2898, Feb. 24, 1970. 1970. iv+140 p. il. † ● Item 1037  
L.C. card 73-608402 Y 4.G 74/6: II 34/7

Intergovernmental coordination of Power development and environmental protection act, hearings before Subcommittee on Intergovernmental Relations, 91st Congress, 2d session, on S. 2752.

13737 pt. 1. Feb. 3-Mar. 3, 1970. 1970. v+446 p. il. [Hearings held in Washington, D.C., and Annapolis, Md.] \* Paper, \$1.75. ● Item 1037  
L.C. card 76-608581 Y 4.G 74/6: In 8/10/pt.1

13738 International negotiation, American shortcomings in negotiation with Communist powers [by Fred Charles Iklé], memorandum prepared at request of Subcommittee on National Security and International Operations (pursuant to S. Res. 311, 91st Cong.). 1970. v+17 p. (Committee print, 91st Congress, 2d session.) †  
L.C. card 70-608322 Y 4.G 74/6: N 31/3

TFX contract investigation (2d series), hearings before Permanent Subcommittee Investigations, 91st Congress, 2d session, pursuant to S. Res. 308, 91st Congress.

13739 pt. 3. Apr. 15-28, 1970. 1970. iv+465-705 p. † ● Item 1037  
L.C. card 71-607209 Y 4.G 74/6: T 11/970/pt.3

**Interior and Insular Affairs Committee, Senate**  
Washington, DC 20510

13740 Capitol Reef and Arches National Parks, hearing before Subcommittee on Parks and Recreation, 91st Congress, 2d session, on S. 531 [and] S. 532, May 28, 1970. 1970. iii+49 p. † ● Item 1040  
L.C. card 70-608330 Y 4.In 8/13: C 17 r

13741 Classification and multiple use and public land sale acts, hearing before Subcommittee on Public Lands, 91st Congress, 2d session, on S. 3390, S. 3391, and S. 3728, June 12, 1970. 1970. iii+21 p. † ● Item 1040  
L.C. card 78-608394 Y 4.In 8/13: P 96/11

13742 Minot extension project, hearing before Subcommittee on Water and Power Resources, 91st Congress, 2d session, on S. 2808, June 30, 1970. 1970. iii+43 p. il. † ● Item 1040  
L.C. card 71-608561 Y 4.In 8/13: M 66/35

13743 Wilderness areas in Oklahoma, Florida, Georgia, and Arizona, Toiyabe National Forest, hearing before Subcommittee on Public Lands, 91st Congress, 2d session, on S. 3222, S. 709, and S. 3279, Apr. 9, 1970. 1970. iv+64 p. † ● Item 1040  
L.C. card 70-608507 Y 4.In 8/13: W 64/5

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## *Judiciary Committee, Senate* Washington, DC 20510

- 13744 Communist threat to United States through the Caribbean, hearings before Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, 91st Congress, 2d session.  
pt. 21. Coast Guard policy and operations with respect to foreign vessel activities in or near U.S. waters off Florida, June 30, 1970. 1970. ii+1459 1522 p. il. † ● Item 1042  
L.C. card 59-61823 Y 4.J 89/2: C 73/27/pt.21
- 13745 Congressional oversight of administrative agencies (National Labor Relations Board), report made by its Subcommittee on Separation of Powers together with individual and additional views. 1970. ii+65 p. (Committee print, 91st Congress, 1st session.) †  
L.C. card 74-607424 Y 4.J 89/2: N 21/4
- 13746 "Equal rights" amendment, hearings before Subcommittee on Constitutional Amendments, 91st Congress, 2d session, on S.J. Res. 61, May 5-7, 1970. 1970. vii+793 p. \* Paper, \$3.25. ● Item 1042  
L.C. card 71-608876 Y 4.J 89/2: Eq 2/6/970
- 13747 Extent of subversion in "New Left", hearings before Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, 91st Congress, 2d session.  
pt. 3. Testimony of Marjorie King and Mike Soto, Mar. 31, 1970. 1970. iii+187-236+ viii p. \* Paper, 30c. ● Item 1042  
L.C. card 73-606948 Y 4.J 89/2: L 52/3/pt.3
- 13748 Lowering voting age to 18, hearings before Subcommittee on Constitutional Amendments, 91st Congress, 2d session, on S.J. Res. 7 [and other bills], Feb. 16-Mar. 10, 1970. 1970. v+624 p. il. † ● Item 1042  
L.C. card 73-608697 Y 4.J 89/2: V 94/3/970
- 13749 Refugee and civilian war casualty problems in Laos and Cambodia, hearing before Subcommittee to Investigate Problems Connected with Refugees and Escapees, 91st Congress, 2d session, May 7, 1970. 1970. iii+107 p. † ● Item 1042  
L.C. card 75-608329 Y 4.J 89/2: R 25/11
- 13750 Sovereign immunity, hearing before Subcommittee on Administrative Practice and Procedure, S. 3568, 91st Congress, 2d session, pursuant to S. Res. 333, June 3, 1970. 1970. iii+257 p. † ● Item 1042  
L.C. card 70-608696 Y 4.J 89/2: So 8/18

## *Labor and Public Welfare Committee, Senate* Washington, DC 20510

- 13751 Demonstration elementary school for the deaf, hearing, 91st Congress, 2d session, on S. 4083, July 27, 1970. 1970. iv+45 p. † ● Item 1043  
L.C. card 72-608572 Y 4.L 11/2: D 34/3
- 13752 Handicapped workers legislation, 1970, hearings before Special Subcommittee on Handicapped Workers, 91st Congress, 2d session, on S. 2461 [and] S. 3425, June 9 and 10, 1970. 1970. v+150 p. † ● Item 1043  
L.C. card 76-608486 Y 4.L 11/2: H 19
- 13753 Manpower development and training legislation, 1970, hearings before Subcommittee on Employment, Manpower, and Poverty, 91st Congress, 1st and 2d sessions, on S. 3867, S. 2838, [and] S. 3878.  
pt. 4. May 5-21, 1970. 1970. viii+2159-3115 p. il. † ● Item 1043  
L.C. card 71-606926 Y 4.L 11/2: M 31/7/970/pt.4
- 13754 Nominations, hearing, 91st Congress, 2d session, on Laurence H. Silberman, of Hawaii, to be Under Secretary of Labor, Peter G. Nash, of New York, to be Solicitor of Department of Labor, July 29, 1970. ii+37 p. † ● Item 1043  
L.C. card 79-608571 Y 4.L 11/2: N 72/5/970-4

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- 13755 Veterans education and training and home loan programs amendments of 1970, hearing before Subcommittee on Veterans' Affairs, 91st Congress, 2d session, on S. 3656, S. 3683, S. 3657 [and] S. 3907, June 9, 1970. 1970. iv+219 p. † ● Item 1043  
L.C. card 76-608400 Y 4.L 11/2: V 64/26/970

**Nutrition and Human Needs, Select Committee on, Senate**  
Washington, DC 20510

- 13756 Nutrition and human needs, 1970, hearings 91st Congress, 2d session.  
pt. 2. National school lunch program, Modesto, Calif., Mar. 23, 1970, Urban crisis, Chicago, Ill., Apr. 20, 1970. 1970. vi+291-761 p. il. \* Paper, \$1.75. ● Item 1009  
L.C. card 70-607379 Y 4.N 95: N 95/970/pt.2

**Post Office and Civil Service Committee, Senate**  
Washington, DC 20510

- 13757 Wage board employees, hearings before Subcommittee on Civil Service, 91st Congress, 2d session, on S. 1958, S. 2371, and S. 2900, June 17 and 18, 1970. 1970. iv+168 p. † ● Item 1044  
L.C. card 75-608408 Y 4.P 84/11: W 12/970

**Public Works Committee, Senate**  
Washington, DC 20510

- 13758 Amending Public works and economic development act of 1965, hearing before Subcommittee on Economic Development, 91st Congress, 2d session, on S. 3744 [and other bills], June 24, 1970. 1970. iii+91 p. † ● Item 1045  
L.C. card 71-608502 Y 4.P 96/10: P 96/8/970
- 13759 Increase in statutory limitation of TVA to issue bonds, hearing before Subcommittee on Flood Control, Rivers and Harbors, 91st Congress, 2d session, on H.R. 18104 and S. 3967, Aug. 14, 1970. 1970. iii+39 p. † ● Item 1024  
L.C. card 73-608812 Y 4.P 96/10: T 25/7
- 13760 Use of highway funds for public transportation, hearings before Subcommittee on Roads, 91st Congress, 2d session, on S. 3293, May 14 and 18, 1970. 1970. iii+63 p. il. † ● Item 1045  
L.C. card 77-608698 Y 4.P 96/10: H 53/28

**Small Business, Select Committee on, Senate**  
Washington, DC 20510

- 13761 Impact of crime on small business, 1969-70, hearings, 91st Congress, 1st and 2d sessions.  
pt. 2. July 23, 1969 [and] June 24, 1970. 1970. v+377-582 p. il. \* Paper, \$1.00. ● Item 1049  
L.C. card 70-603538 Y 4.Sm 1/2: C 86/3/969-70/pt.2

**CONSUMER AND MARKETING SERVICE, Agriculture Dept.**  
Washington, DC 20250

- 1971 acreage marketing guides AMC (series).
- 13762 75. Winter vegetables and potatoes. Aug. 1970. 35 p. il. 4° † ● Item 18-D  
L.C. card 76-603317 A 88.26/4: 75
- 13763 Cotton quality, crop of 1969. Aug. 1970. cover title, 60 p. il. 4° ([United States cotton quality report for ginnings] v. 43, no. 7; Cotton Division.) [Text on p. 2 of cover.] † Consumer and Marketing Service, Market News Section, Cotton Division, P.O. Box 17723, Memphis, TN 38117  
A 88.11: 43/7

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- 13764 Light air-cured tobacco market review, pt. 2, type 32, Maryland, 1969 crop (1970 season). Aug. 1970. 16 p. il. 4° (Tobacco Division; TOB-LA-14, pt. 2) † Consumer and Marketing Service, U.S. Department of Agriculture, Washington, D.C. 20250 ● Item 23-D  
L.C. card 54-20620 A 88.34/5: 969-70/pt.2
- 13765 United States standards for grades of canned spinach, effective Mar. 30, 1970. 4th issue. [Feb. 17, 1970.] [2]+9 p. 4° [Published in Federal register, Feb. 26, 1970. Supersedes standards which have been in effect since Apr. 14, 1967.] † Chief, Processed Products Standardization and Inspection Branch, Fruits and Vegetable Division, C&MS, U.S. Department of Agriculture, Washington, DC 20250 A 88.6/2: Sp 4/2/970
- 13766 United States standards for grades of canned tomato puree (tomato pulp), effective Feb. 25, 1970. 5th issue as amended. [Feb. 17, 1970.] [2]+4+[1] p. 4° [Published in Federal register, Feb. 25, 1970. Supersedes standards which have been in effect since Aug. 22, 1964.] † Chief, Processed Products Standardization and Inspection Branch, Fruit and Vegetable Division, C&MS, U.S. Department of Agriculture, Washington, DC 20250 A 88.6/2: T 591/7/970
- 13767 United States standards for grades of concentrated tomato juice, effective Feb. 25, 1970. 1st issue as amended. [Feb. 17, 1970.] [2]+4+[1] p. 4° [Published in Federal register July 15, 1960-Feb. 25, 1970. Supersedes standards which have been in effect since July 15, 1960.] † Chief, Processed Products Standardization and Inspection Branch, Fruit and Vegetable Division, C&MS, U.S. Department of Agriculture, Washington, DC 20250 A 88.6/2: T 591/4/970
- 13768 United States standards for grades of tomato paste, effective Feb. 25, 1970. 2d issue as amended. [Feb. 17, 1970.] [2]+4+1 p. 4° [Published in Federal register, Feb. 25, 1970. Supersedes standards which have been in effect since Aug. 22, 1964.] † Chief, Processed Products Standardization and Inspection Branch, Food and Vegetable Division, C&MS, U.S. Department of Agriculture, Washington, DC 20250 A 88.6/2: T 591/6/970

## COOPERATIVE STATE RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

- 13769 Forestry research progress in 1969, McIntire-Stennis Cooperative Forestry Research Program: [compiled and edited by Boyd W. Post, Anders E. Lund and John D. Sullivan]. [1970.] cover title, ii+108 p. il. 4° [Text on p. 2 of cover.] † Division of Information, Office of Management Services, U.S. Department of Agriculture, Washington DC 20250  
● Item 40-A-2  
L.C. card 79-600234 A 94.2: F 76/969

## COPYRIGHT OFFICE, Library of Congress Washington, DC 20540

- 13770 Catalog of copyright entries, 3d series, v. 21. \* Paper, \$50.00 a yr. (including semi-annual issues of pts. 1-13); \$12.50 additional for foreign mailing.  
pt. 2. Periodicals, Jan.-Dec. 1967. 1970. ix+478 p. 4° \* Paper, \$2.50. ● Item 793  
L.C. card 6-35347 LC 3.6/5: v.21/pt.2  
NOTE.—Part 2 also sold separately on subscription. \* Paper, \$5.00; \$1.25 additional for foreign mailing.
- 13771 72d annual report of Register of Copyrights for fiscal year 1969. 1970. [4]+26 p. il. 4° [Reprinted from Annual report of Librarian of Congress. Insert, Preliminary statistics for fiscal year 1970 1 p. oblong 16° was also issued. Includes list of Copyright Office publications.] †  
L.C. card 10-35017 LC 3.1: 969

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**COUNCIL ON ENVIRONMENTAL QUALITY, Executive Office of the  
President 722 Jackson Pl. N.W., Washington, DC 20036**

NOTE.—The Council on Environmental Quality was established by Public Law 91-190, approved Jan. 1, 1970.

- 13772 Environmental quality, 1st annual report of Council together with President's message to Congress, transmitted Aug. 1970. [1970.] xxv+326 p. il. \* Paper, \$1.75. ● Item 851-J  
L.C. card 75-608885 Pr Ex 14.1: 970

**COURT OF CLAIMS  
Washington, DC 20006**

- 13773 [U.S. Court of Claims reports]: v. 189, Cases decided in United States Court of Claims, Aug. 1-Nov. 30, 1969, with report of decisions of Supreme Court in Court of Claims cases; reported by Audrey Bernhardt, reporter. 1970. xv+589+xxv+215 p. 1 por. [Errata, 1 p., issued also.] \* Cloth, \$5.25. ● Item 530 (Special offer).  
L.C. card 11-11998 Ju 3.9: 189

**DEFENSE DEPARTMENT  
Washington, DC 20301**

- 13774 Annual report of Secretary of Defense on reserve forces, fiscal year 1969. [Feb. 9, 1970.] cover title, [350] p. 4° ‡  
L.C. card 58-61471 D 1.1/3: 969

Cataloging manual M (series). (Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.]  
● Item 314-A D 7.6/3: (nos.)

- 13775 1-4. Federal manual for supply cataloging: chap. 4 [Operating procedures, July 1967]. Change 5; June 1, 1970. [1970.] [18] p. 4° ([Army Dept.]; AR 708-14.) \* Paper, 20c.  
13776 1-6. Federal manual for supply cataloging: chap. 6 [Operating forms], July 1967, Change 4, June 1, 1970. [55] p. 4° ([Army Dept.]; AR 708-16.) \* Paper, 55c.

Defense Supply Agency handbook DSAH (series). ● Item 314-A  
D 7.6/7: (nos.)

- 13777 4215.17. Industrial plant equipment handbook: FSC 4440, Driers, dehydrators, and anhydrators. Aug. 1970. cover title. iii+105 p. 4° (SB 708-4440-1; [Navy Dept.] NAVSUP Pub 5515; [Air Force Dept.] AFM 78-20; [Marine Corps] MCO P4870.21A.) [Issued in looseleaf form. Supersedes DSAH 4215.17/SB 708-4440-1/NAVSANDA Pub. 5515/MCO P4870.21/AFM 78-20, Apr. 14, 1966.] \* Paper, \$1.25.  
13778 4215.18. Industrial plant equipment handbook: FSC 6650, 6670, Scales, balances, and optical instruments. Aug. 1970. cover title. iii+220 p. 4° (SB 708-6600-2; [Navy Dept.] NAVSUP Pub 5516; [Air Force Dept.] AFM 78-25; [Marine Corps] MCO P4870.22A.) [Issued in looseleaf form. Supersedes DSAH 4215.18/SB 708-6600-2/NAVSANDA Pub 5516/AFM 78-25/MCO P4870.22, May 20, 1966.] \* Paper, \$1.75.

Defense Supply Agency manual DSAM (series).

- 13779 4215.1. Defense industrial plant equipment center operations, Change 4, May 7, 1970. [2] p. 4° ([Army Dept.] AR 700-43, CH 4; [Navy Dept.] NAVSUP PUB 5009, CH 4; [Air Force Dept.] AFM 78-1, CH 4; DSAH-SIB.) [Issued in looseleaf form.] \* Paper, 5c. ● Item 314-A  
D 7.6/8: 4215.1/2/ch.4

- 13780 Federal item identification guide: Bands, markers, plates, and signs. July 24, 1970. cover title, [76] p. il. 4° (FIIG A178; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 75c. ● Item 314-A D 7.6/4: B 22  
13781 — Caps and plugs, Sept. 19, 1969, Change 1. Apr. 24, 1970. [26] p. 4° (FIIG A208; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 25c. ● Item 314-A D 7.6/4: C 17/3/ch.1

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Commerce, Springfield, Va. 22151  
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# GOVERNMENT PUBLICATIONS

- 13782 — Cartridges, weapon. Aug. 7, 1970. cover title, [77] p. 4° (INTERIM FIIG T007; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 75c. ● Item 314-A D 7.6/4: C 24
- 13783 — Compressors, reciprocating, rotary, and centrifugal, Change 2, Aug. 14, 1970. [1970.] [6] p. 4° (FIIG A026 change 2; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 10c. ● Item 314-A D 7.6/4: C 73/ch.2
- 13784 — Covers and doors, access, Change 2. July 17, 1970. [8] p. 4° (FIIG A057; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 10c. ● Item 314-A D 7.6/4: C 83/ch.2
- 13785 — Demolition materials. Aug. 14, 1970. cover title, [45] p. 4° (INTERIM FIIG T165; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 60c. ● Item 314-A D 7.6/4: D 39
- 13786 — Fastening devices, Dec. 12, 1969, Change 1. July 17, 1970. [22] p. 4° (FIIG A054; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 20c. ● Item 314-A D 7.6/4: F 26/2/ch.1
- 13787 — Holder, electrical contact brush. Aug. 7, 1970. cover title, [64] p. 11. 4° (FIIG A227; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 70c. ● Item 314-A D 7.6/4: H 71/2
- 13788 — Hose, pipe and tube fittings, quick disconnect and self-sealing, Feb. 2, 1969, Change 2. July 10, 1970. [16] p. 4° (FIIG A209; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 15c. ● Item 314-A D 7.6/4: H 79/2/ch.2
- 13789 — Miscellaneous relay and switch components. July 31, 1970. [184] p. 4° (INTERIM FIIG T142; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.50. ● Item 314-A D 7.6/4: R 27
- 13790 — Rings, wiping and sealing, Nov. 15, 1968, Change 1. July 17, 1970. [4] p. 4° (FIIG A084; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 10c. ● Item 314-A D 7.6/4: R 47/ch.1
- 13791 — Sensitized materials, photographic and copying, Feb. 20, 1970, Change 2. Aug. 14, 1970. [6] p. 4° (FIIG A091; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 10c. ● Item 314-A D 7.6/4: Se 5/ch.2
- 13792 — Sets, kits, and outfits. Aug. 7, 1970. cover title, [205] p. 4° (FIIG A238; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.75. ● Item 314-A D 7.6/4: Se 7
- 13793 — Switch, sensing. Aug. 14, 1970. cover title, [135] p. 4° (FIIG A048; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.25. ● Item 314-A D 7.6/4: Sw 6/4
- 13794 — Tents and tarpaulins. July 24, 1970. cover title, [63] p. 4° (INTERIM FIIG T152; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) \* Paper, 70c. ● Item 314-A D 7.6/4: T 26
- 13795 — Threaded studs, Sept. 6, 1968, Change 2. July 17, 1970. [12] p. 4° (FIIG A051; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 15c. ● Item 314-A D 7.6/4: T 41/ch.2

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- 13796 — Tires, pneumatic and solid, Apr. 14, 1967, Change 1. July 17, 1970. [6] p. 4° (FIIG A008; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 10c. ● Item 314-A D 7.6/4: T 51/ch.1
- 13797 — Turnbuckles; clevis/connector, rod ends, and tie rods. Aug. 14, 1970. cover title, [111] p. il. 4° (FIIG A264; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.25. ● Item 314-A D 7.6/4: T 84
- 13798 — Valves, general purpose, and drain cocks, Dec. 27, 1968, Change 3. July 17, 1970. [12] p. 4° (FIIG A046; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 15c. ● Item 314-A D 7.6/4: V 24/ch.3
- 13799 — Water purification equipment. July 24, 1970. cover title, [37] p. 4° (INTERIM FIIG T 227; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 50c. ● Item 314-A D 7.6/4: W 29/2
- 13800 — Wrapping and packaging machinery. July 24, 1970. cover title, [17] p. 4° (INTERIM FIIG T167; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 30c. ● Item 314-A D 7.6/4: W 92
- 13801 — Wrenches and components, hand, nonpowered. July 31, 1970. cover title, [315] p. il. 4° (FIIG A102; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$2.50. ● Item 314-A D 7.6/4: W 92/2
- 13802 Federal supply catalog: Consolidated master cross reference list, C-RL-1-CBI, Change bulletin 1; [published by Defense Logistics Services Center]. Apr. 1, 1970. 2 v., cover titles, [iv]+794 p. 4° [Issued with perforations.] \* Paper, \$150.00 (including basic list and supplementary material for one year); \$25.00 additional for foreign mailing. ● Item 314-L D 7.20: 970/ch.1/v.1-2
- 13803 Federal supply classification list of DoD standardization documents; July 1, 1970. [1970.] viii+544 p. 4° [Issued in looseleaf form. Supersedes index dated May 1, 1969 and supplement dated May 1, 1970.] \* Paper, \$10.00 (including basic book and supplementary material for an indefinite period); \$2.00 additional for foreign mailing. ● Item 314-G L.C. card 67-1774 D 7.14/2: 970
- Military standard MIL STD (series). [Issued with perforations.] ‡  
● Item 314-J D 7.10:(nos.)
- 13804 147B. Palletized and containerized unit loads 40" x 48" pallets, skids, runners, or pallet-type base. Change notice 2. July 15, 1970. [28] p. il. 4° (FSC PACK.)
- 13805 242F (Navy) pt. 1. Electronic equipment parts, selected standards for R.F. and acoustical parts. June 1, 1970. ii+168 p. il. 4° (FSC MISC.) [Supersedes MIL-STD-242E (Navy) pt. 1, Dec. 2, 1963.]
- 13806 454B. Standard general requirements for electronic equipment, Notice 3. May 22, 1970. [19] p. 4°
- 13807 1277A. Splices, clips, terminals, terminal boards, binding posts, electrical. July 22, 1970. [155] p. il. 4° (FSC 5940.) [Supersedes MIL-STD-1277, June 22, 1964.]
- 13808 1286. Transformers, inductors, and coils, selection and use of. June 11, 1970. [51] p. il. 4° (FSC 5950.)
- 13809 1434. Goggles, industrial, safety. July 20, 1970. vi+16 p. il. 4° (FSC 4240.)
- 13810 1472-A. Human engineering design criteria for military systems, equipment and facilities. May 15, 1970. xii+205 p. il. 4° (FSC-MISC.) [Supersedes MIL-STD-1472, Feb. 9, 1968.]

# GOVERNMENT PUBLICATIONS

- 13811 MILSCAP, military standard contract administration procedures, Change 11. July 1970. [118] p. 4° (DoD 4105.63-M; Office of Assistant Secretary of Defense (Installations & Logistics).) [Issued in looseleaf form.] \* Paper, \$1.25. ● Item 314-A D 7.6/4: M 59/3/ch.11
- 13812 [MILSTRIP, supp. 2, Military assistance program address directory], Oct. 1, 1969, Change 11. Aug. 15, 1970. [39] p. 4° (DoD 4140.17-M; Defense Supply Agency.) [Issued in looseleaf form.] \* Paper, 40c. ● Item 314-A D 7.6/4: M 59/supp.2/rev.-3/ch.11
- 13813 MILSTRIP, supp. 2, Military assistance program address directory. Sept. 1970. cover title, [349] p. 4° (DoD 4140.17-M; Office of Assistant Secretary of Defense (Installations and Logistics).) [Issued in looseleaf form. Supersedes DoD 4140.17-M, supp. 2, Oct. 1, 1969, and Changes 1-11.] \* Paper, \$2.75. ● Item 314-A D 7.64: M 59/supp.2/rev.-4
- Plastics Technical Evaluation Center, Picatinny Arsenal, Dover, N.J.: PLASTECH note.
- 13814 20. Literature survey on thermal degradation, thermal oxidation, and thermal analysis of high polymers, 3; by Dorothy A. Teetsel, David W. Levi. Nov. 1969. ii+192N+[1] p. 4° (Polymer Research Branch, Materials Research Laboratory, Picatinny Arsenal.) [Issued with perforations.] ♣ Paper, \$10.00 D4.11/2: 20
- 13815 Poisonous and venomous marine animals of world: v. 3, Vertebrates [with lists of literature cited], by Bruce W. Halstead; sections of chemistry, by Donovan A. Courville. [1970.] xxvi+1006 p. il. large 4° [Contains copy-right material. Sponsored by Deputy Chief of Staff for Research and Development, Air Force Dept., Office of Surgeon General, Army Dept., Medicine and Surgery Bureau, Navy Dept. Some illustrations are colored.] \* Cloth, \$50.00 per set of 3 vols. ● Item 306 D 1.2: M 33/v.3
- L.C. card 65-60000
- NOTE.—See, for Volume 1. Entry number 8818 in June 1966 Monthly catalog and for Volume 2, Entry number 8983 in July 1968 catalog.
- 13816 Report to the President and Secretary of Defense on Department of Defense by Blue Ribbon Defense Panel, July 1, 1970, defense for peace. [1970.] [3]+ix+237 p. il. 4° \* Paper, \$2.25. ● Item 306 D 1.2: B 62/970
- L.C. card 70-608286
- 13817 U.S. Court of Military Appeals digest (3rd annual cumulative supplement), 1969 pocket part. [1970.] [2]+154 p. \* Paper, 60c. ● Item 311-B D 1.19/3: 969 supp.

## DISTRICT OF COLUMBIA Washington, DC 20004

- 13818 List of legal investments for trust funds in District of Columbia, as of July 1, 1970. [1970.] ii+74 p. [Semiannual.] † Office of Register of Wills and Clerk of Probate Court, Washington, DC ● Item 430-A D C 21.9: 970-2
- L.C. card 41-7391

## ECONOMIC DEVELOPMENT ADMINISTRATION, Commerce Dept. Washington, DC 20230

- 13819 Economic Development Administration's public works program, evaluation: v. 1, Summary of findings and survey methodology. July 1970. [87] p. 4° † ● Item 130-D C 46.2: P 96/6/v.1
- L.C. card 73-608926
- 13820 — v. 2, Individual project reports. July 1970. [7]+256 p. 4° † ● Item 130-D C 46.2: P 96/6/v.2
- L.C. card 73-608926
- 13821 Economic development districts, composition and status as of June 30, 1970; prepared by Office of Development Organizations. [1970.] iv+27 p. † ● Item 130-D C 46.2: Ec 7/4/970

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- 13822 EDA industrial park program, analysis of its impact; [prepared by Office of Administration and Program Analysis]. July 1970. [5]+20+[1]+36  
p. 4° † ● Item 130-1 C 46.2: In 2/5

**ECONOMIC OPPORTUNITY OFFICE, Executive Office of the President,  
Washington, DC 20506**

- 13823 Background, experiment in performance contracting. [1970.] [1]+9+[1]  
p. i]. 4° † PrEx 10.2: P 41
- 13824 Catalog of Federal domestic assistance, description of Federal government's domestic programs to assist American people in furthering their social and economic progress. [Apr. 1970.] [52]+1034 p. 4° [Issued in looseleaf form.] \* Stiff board, \$15.00 (including basic manual and quarterly supplements for an indefinite period); \$3.75 additional for foreign mailing. ● Item 857-H  
L.C. card 74-600920 PrEx 10.2: P 94/970
- 13825 [Community action]: Green power, consumer action for the poor. Aug. 1969. [6]+65 p. 13 p. of pl. 4° ((EOE guidance 6142-2); Community Action Program.) [Issued with perforations.] † ● Item 857-H-7  
PrEx 10.9/3: G 82

Community profiles. (Information Center.) ♦ Paper, each \$3.00 (PB 178331).

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| 13832 | Allegany County, N.Y. [1968.] cover title, 45 p. 4°      | PrEx 10.9/5: Al 5/3  |
| 13833 | Appanoose County, Iowa. [1968.] cover title, 47 p. 4°    | PrEx 10.9/5: Ap 4  |
| 13834 | Audubon County, Iowa. [1968.] cover title, 47 p. 4°      | PrEx 10.9/5: Au 2  |
| 13835 | Aurora County, S. Dak. [1968.] cover title, 46 p. 4°     | PrEx 10.9/5: Au 6  |
| 13836 | Barbour County, Ala. [1968.] cover title, 47 p. 4°       | PrEx 10.9/5: B 23  |
| 13837 | Barnes County, N. Dak. [1968.] cover title, 48 p. 4°     | PrEx 10.9/5: B 26  |
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| 13839 | Bennett County, S. Dak. [1968.] cover title, 48 p. 4°    | PrEx 10.9/5: B 43  |
| 13840 | Benson County, N. Dak. [1968.] cover title, 47 p. 4°     | PrEx 10.9/5: B 44/4  |
| 13841 | Benton County, Iowa. [1968.] cover title, 48 p. 4°       | PrEx 10.9/5: B 44/3  |
| 13842 | Bibb County, Ala. [1968.] cover title, 47 p. 4°          | PrEx 10.9/5: B 47  |
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| 13847 | Boone County, Iowa. [1968.] cover title, 47 p. 4°        | PrEx 10.9/5: B 64/2  |
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| 13849 | Bowman County, N. Dak. [1968.] cover title, 48 p. 4°     | PrEx 10.9/5: B 68  |
| 13850 | Bremer County, Iowa. [1968.] cover title, 47 p. 4°       | PrEx 10.9/5: B 75  |
| 13851 | Bronx County, N.Y. [1968.] cover title 44 p. 4°          | PrEx 10.9/5: B 78  |
| 13852 | Brookings County, S. Dak. [1968.] cover title, 47 p. 4°  | PrEx 10.9/5: B 79/2  |
| 13853 | Broome County, N.Y. [1968.] cover title, 48 p. 4°        | PrEx 10.9/5: B 79  |
| 13854 | Brown County, Ohio. [1968.] cover title, 47 p. 4°        | PrEx 10.9/5: B 81  |
| 13855 | Brown County, S. Dak. [1968.] cover title, 47 p. 4°      | PrEx 10.9/5: B 81/2  |
| 13856 | Brule County, S. Dak. [1968.] cover title, 47 p. 4°      | PrEx 10.9/5: B 83/2  |
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| 13858 | Buena Vista County, Iowa. [1968.] cover title, 47 p. 4°  | PrEx 10.9/5: B 86/2  |
| 13859 | Buffalo County, S. Dak. [1968.] cover title, 46 p. 4°    | PrEx 10.9/5: B 86  |
| 13860 | Bullock County, Ala. [1968.] cover title, 47 p. 4°       | PrEx 10.9/5: B 87  |
| 13861 | Buncombe County, N.C. [1968.] cover title, 48 p. 4°      | PrEx 10.9/5: B 88  |
| 13862 | Burke County, N.C. [1968.] cover title, 46+[1] p. 4°     | PrEx 10.9/5: B 91  |
| 13863 | Burke County, N. Dak. [1968.] cover title, 48 p. 4°      | [Page 48 is left blank intentionally.] PrEx 10.9/5: B 91/2 |
| 13864 | Burlingame County, N. Dak. [1968.] cover title, 48 p. 4° | PrEx 10.9/5: B 92  |
| 13865 | Butler County, Ala. [1968.] cover title, 47 p. 4°        | PrEx 10.9/5: B 97/3  |
| 13866 | Butler County, Iowa. [1968.] cover title, 47 p. 4°       | PrEx 10.9/5: B 97/2  |
| 13867 | Butte County, S. Dak. [1968.] cover title, 47 p. 4°      | PrEx 10.9/5: B 98  |
| 13868 | Cabarrus County, N.C. [1968.] cover title, 48 p. 4°      | PrEx 10.9/5: C 11/2  |
| 13869 | Calhoun County, Ala. [1968.] cover title, 48 p. 4°       | PrEx 10.9/5: C 12/3  |
| 13870 | Calhoun County, Iowa. [1968.] cover title, 47 p. 4°      | PrEx 10.9/5: C 12/4  |
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| 13874 | Cass County, Iowa. [1968.] cover title, 47 p. 4°         | PrEx 10.9/5: C 27/2  |
| 13875 | Cass County, N. Dak. [1968.] cover title, 48 p. 4°       | PrEx 10.9/5: C 27/3  |
| 13876 | Cattaraugus County, N.Y. [1968.] cover title, 47 p. 4°   | PrEx 10.9/5: C 29  |

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13879	Cedar County, Iowa. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C32
13880	Cerro Gordo County, Iowa. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: C33
13881	Chambers County, Ala. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C35/2
13882	Champaign County, Ohio. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: C35
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13884	Chautauqua County, N.Y. [1968.] cover title, 48 p. 4°		PrEx 10.9/5: C39/2
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13886	Chenango County, N.Y. [1968.] cover title, 47 p. 4°		PrEx 10.9/5: C42/5
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14108	Monroe County, Iowa. [1968.] cover title, 47 p. 4°	
14109	Monroe County, N.Y. [1968.] cover title, 48 p. 4°	

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14110	Monroe County, Ohio. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: M 75/2
14111	Montgomery County, Ala. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: M 76/5
14112	Montgomery County, Iowa. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: M 76/4
14113	Montgomery County, N.C. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: M 76/2
14114	Montgomery County, N.Y. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: M 76/6
14115	Montgomery County, Ohio. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: M 76/3
14116	Moody County, S. Dak. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: M 77
14117	Morgan County, Ala. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: M 82/3
14118	Morgan County, Ohio. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: M 82/2
14119	Morrow County, Ohio. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: M 83
14120	Morton County, N. Dak. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: M 84
14121	Mountaill County, N. Dak. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: M 86
14122	Muscatine County, Iowa. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: M 97/2
14123	Muskingum County, Ohio. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: M 97
14124	Nassau County, N.Y. [1968.] cover title, 49 p. 4 <sup>o</sup>	PrEx 10.9/5: N 18
14125	Nelson County, N. Dak. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: N 33
14126	New York County, N.Y. [1968.] cover title, 44 p. 4 <sup>o</sup>	PrEx 10.9/5: N 48/2
14127	Niagara County, N.Y. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: N 61
14128	Noble County, Ohio. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: N 66
14129	Northampton County, N.C. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: N 81
14130	O'Brien County, Iowa. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: Ob 6
14131	Oliver County, N. Dak. [1968.] cover title, 45 p. 4 <sup>o</sup>	PrEx 10.9/5: Ol 4
14132	Onelda County, N.Y. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: On 2
14133	Onondaga County, N.Y. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: On 6
14134	Onslow County, N.C. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: On 8
14135	Ontario County, N.Y. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: On 7
14136	Orange County, N.C. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: Or 1
14137	Orange County, N.Y. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: Or 1/2
14138	Orleans County, N.Y. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: Or 5
14139	Osceola County, Iowa. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: Os 1
14140	Oswego County, N.Y. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: Os 9
14141	Otsego County, N.C. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: Ot 7
14142	Ottawa County, Ohio. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: Ot 8
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14145	Pamlico County, N.C. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: P 19
14146	Paulding County, Ohio. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: P 28
14147	Pembina County, N. Dak. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: P 36
14148	Pender County, N.C. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: P 37/2
14149	Pennington County, S. Dak. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: P 38
14150	Perkins County, S. Dak. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: P 41
14151	Perquimans County, N.C. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: P 42/2
14152	Perry County, Ala. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: P 42/4
14153	Perry County, Ohio. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: P 42/3
14154	Pickens County, Ala. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: P 58/2
14155	Pierce County, N. Dak. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: P 61/2
14156	Pike County, Ala. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: P 63/3
14157	Pitt County, N.C. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: P 68/2
14158	Plymouth County, Iowa. [1968.] cover title, 48 p. 4 <sup>o</sup> [Page 48 is blank, but no text is missing.]	PrEx 10.9/5: P 74
14159	Pocahontas County, Iowa. [1968.] cover title, 48 p. 4 <sup>o</sup> [Page 48 left blank intentionally.]	PrEx 10.9/5: P 75/5
14160	Polk County, Iowa. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: P 75/4
14161	Pottawattamie County, Iowa. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: P 85/2
14162	Potter County, S. Dak. [1968.] cover title, 46 p. 4 <sup>o</sup>	PrEx 10.9/5: P 85
14163	Poweshiek County, Iowa. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: P 87
14164	Putnam County, N.Y. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: P 98/2
14165	Queens County, N.Y. [1968.] cover title, 43 p. 4 <sup>o</sup>	PrEx 10.9/5: Q 3
14166	Ramsey County, N. Dak. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: R 14
14167	Randolph County, Ala. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: R 15/3
14168	Ransom County, N. Dak. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: R 17
14169	Rensselaer County, N.Y. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: R 29
14170	Renville County, N. Dak. [1968.] cover title, 46 p. 4 <sup>o</sup>	PrEx 10.9/5: R 29/2
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14172	Richmond County, N.Y. [1968.] cover title, 33 p. 4 <sup>o</sup>	PrEx 10.9/5: R 41/2
14173	Ringgold County, Iowa. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: R 47
14174	Roberts County, S. Dak. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: R 54/2
14175	Rockland County, N.Y. [1968.] cover title, 49 p. 4 <sup>o</sup>	PrEx 10.9/5: R 59/2
14176	Rollette County, N. Dak. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: R 64
14177	Russell County, Ala. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: R 91
14178	Sac County, Iowa. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: Sa 1
14179	St. Clair County, Ala. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: Sa 2 e
14180	St. Lawrence County, N.Y. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: Sa 2 l
14181	Sanborn County, S. Dak. [1968.] cover title, 46 p. 4 <sup>o</sup>	PrEx 10.9/5: Sa 5/3
14182	Saratoga County, N.Y. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: Sa 7
14183	Sargent County, N. Dak. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: Sa 7/2
14184	Schenectady County, N.Y. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: Sch 2
14185	Schoharie County, N.Y. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: Sch 6
14186	Schuyler County, N.Y. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: Sch 8
14187	Scioto County, Ohio. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: Sci 6
14188	Scotland County, N.C. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: Sco 8/2
14189	Scott County, Iowa. [1968.] cover title, 48 p. 4 <sup>o</sup>	PrEx 10.9/5: Sco 8/3
14190	Seneca County, N.Y. [1968.] cover title, 47 p. 4 <sup>o</sup>	PrEx 10.9/5: Se 5/2

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14194	Shelby County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Sh 4/3
14195	Shelby County, Ohio. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Sh 4
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14197	Sioux County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Sl 7
14198	Sioux County, N. Dak. [1968.] cover title, 44 p. 4°	PrEx 10.9/5: Sl 7/2
14199	Slope County, N. Dak. [1968.] cover title, 44 p. 4°	PrEx 10.9/5: Sl 5
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14204	Steele County, N. Dak. [1968.] cover title, 46 p. 4°	PrEx 10.9/5: St 3
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14207	Stutsman County, N. Dak. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: St 9
14208	Suffolk County, N.Y. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: Su 2
14209	Sullivan County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Su 5
14210	Sully County, S. Dak. [1968.] cover title, 45 p. 4°	PrEx 10.9/5: Su 5/2
14211	Summit County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: Su 6/2
14212	Sumter County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Su 6/3
14213	Swain County, N.C. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: Sw 1
14214	Talladega County, Ala. [1968.] cover title, 48 p. 4°	Prx 10.9/5: T 14
14215	Tallapoosa County, Ala. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: T 14/2
14216	Tama County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: T 15
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14219	Todd County, S. Dak. [1968.] cover title, 45 p. 4°	PrEx 10.9/5: T 56
14220	Tompkins County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: T 59
14221	Trall County, N. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: T 68/2
14222	Transylvania County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: T 68
14223	Tripp County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: T 73
14224	Trumbull County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: T 77
14225	Turner County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: T 85
14226	Tuscaloosa County, Ala. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: T 87/2
14227	Tuscarawas County, Ohio. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: T 87
14228	Tyrell County, N.C. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: T 98
14229	Ulster County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Ul 7
14230	Union County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: Un 3/5
14231	Union County, S. Dak. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Un 3/4
14232	Van Buren County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: V 27/3
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14238	Warren County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 25/3
14239	Warren County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 25
14240	Warren County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 25/4
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14242	Washington County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 27/6
14243	Washington County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 27/5
14244	Washington County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 27/8
14245	Wayne County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 36/5
14246	Wayne County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 36/4
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14250	Wilcox County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 64
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14254	Winneshiek County, Iowa. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 73
14255	Winston County, Ala. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 73/3
14256	Woodbury County, Iowa. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: W 85/2
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14259	Wyoming County, N.Y. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: W 99
14260	Yancey County, N.C. [1968.] cover title, 47 p. 4°	PrEx 10.9/5: Y 1/2
14261	Yankton County, S. Dak. [1968.] cover title, 48 p. 4°	PrEx 10.9/5: Y 1/4
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14263	Ziebach County, S. Dak. [1968.] cover title, 44 p. 4°	PrEx 10.9/5: Z 6

## OEO pamphlet.

- 14264 4100-12. VISTA scene, as seen by others [articles]. [July 1970.] [32] p. ill. 4°  
 [Reprinted by VISTA with permission of Atlanta Constitution, Denver Post Sunday Magazine and others.] † ☉ Item 857-H-17  
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**ECONOMIC RESEARCH SERVICE, Agriculture Dept.  
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**Agricultural economic reports. ● Item 42-C A 93.28:(nos.)**

- 14265 172. Rurality, poverty, and health, medical problems in rural areas [with list of references; by Neville Doherty]. Feb. 1970. iv+10+[1] p. il. 4° \* Paper, 15c.  
L.C. card 75-606612
- 14266 189. Rural industrialization, case study of tissue paper mill in Pickens, Miss.; [by John C. Creclink]. [Sept. 1970.] vi+12 p. il. 4° [Prepared in cooperation with Mississippi Agricultural Experiment Station, Mississippi State University.] †
- 14267 190. Farm tenure and cash rents in United States; [by Robert D. Reinsel and Bruce Johnson]. [Aug. 1970.] iv+31 p. 4° †  
L.C. card 77-609147

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

- 14268 74. Commercial broiler farms, Georgia, 1969; [by Wylie D. Goodsell, Owen K. Shugars, and Daphene E. Tippet]. June 1970. [2]+5 p. il. 4°
- 14269 75. Commercial tobacco farms, Coastal Plain, N.C., 1969; [by Owen K. Shugars and Daphene E. Tippet]. June 1970. [2]+5 p. il. 4°
- 14270 76. Migratory sheep ranches; [by Wylie D. Goodsell and Macie J. Belfield]. July 1970. [2]+8 p. il. 4°

**ERS (series). † A 93.21:(nos.)**

- 14271 444. Natural resource special districts in Appalachia, review of enabling laws; by Anne Hammill and Ivan Hanson. [June 1970.] ii+49 p. il. 4° [Text on p. 2 of cover.]  
L.C. card 78-608954
- 14272 427-69. Farm population estimates for 1969. June 1970. 7 p. il. 4° (Human Resources Branch, Economic Development Division.)

**Foreign agricultural economic report.**

- 14273 64. Eastern Europe's agricultural development and trade, patterns and perspectives [with bibliographies; by Roger E. Neetz]. [July 1970.] cover title, vi+62 p. 4° [Abstract on p. 2 of cover.] \* Paper, 65c. ● Item 42-B  
L.C. card 77-608821 A 93.27:64

**EDUCATION OFFICE, Health, Education, and Welfare Dept.  
Washington, DC 20202**

- 14274 Annual report, 1969. [1970.] 251-316 p. [Reprint from annual report Department of Health, Education, and Welfare, 1969.] \* Paper, 30c.  
HE 5.1: 969

- 14275 Better education for handicapped children, annual report fiscal year 1969. [1970] iv+40 p. il. oblong 8° ([OE-35097]; Bureau of Education for Handicapped.) Review of program activities under Public law 89-313, amendment to title 1, Elementary and secondary education act, and title vi-A Elementary and secondary education act. \* Paper, 55c. ● Item 460-A-35  
L.C. card 77-605042 HE 5.235: 35097

- 14276 Denver doesn't quit on problem students, by Zoe von Ende; Leaving drug world behind, by Ronald Moskowitz; Success in early counseling, by Mary Kay Murphy. [1970.] [15] p. il. 4° (OE-10070.) [Reprinted from American Education, June, Jan.-Feb., and Mar. 1970.] \* Paper, 30c.  
● Item 460-A-10 HE 5.210: 10070

- 14277 1970 directory, Coordinators of children's services and of young adult services in public library systems serving at least 100,000 people. [June 1970.] [1]+ii+35 p. oblong 12° ([OE-15069]; Bureau of Libraries and Educational Technology, Division of Library Programs.) † ● Item 460-A-15  
L.C. card 79-608957 HE 5.215: 15069

- 14278 Education directory, 1969-70: pt. 4 Education associations; [prepared by Bobbie D. Lonergan]. [Jan. 1970.] cover title, [2]+109 p. 4° ([OE-10001-70.]) \* Paper, \$1.25. ● Items 460 and 460-A-10  
L.C. card E13-213 HE 5.25: 969-70/pt.4

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- 14279 Education of national minorities in Communist China; by C. T. Hu. [1970.] vi+30 p. il. (OE-14146; Institute of International Studies.) \* Paper, 25c. ● Item 460-A-14  
L.C. card 73-608871 HE 5.214: 14146
- 14280 Education of the disadvantaged, evaluation report on title 1, Elementary and secondary education act of 1965, fiscal year 1968. [Apr. 1970.] xi+268 p. 4° (OE-37013-68.) \* Paper, \$2.00. ● Item 460-A-37  
L.C. card 72-608958 HE 5.237: 37013-68
- 14281 Educational research and development in United States. Dec. 1969. xii+200 p. il. 4° (OE 12049) \* Paper, \$2.00. ● Item 460-A-12  
L.C. card 79-608922 HE 5.212: 12049
- 14282 [Elementary teacher education program, feasibility study]: Feasibility of Georgia educational model for teacher preparation, elementary; editors, Charles E. Jonson, Gilbert E. Shearron. Jan. 1970. (National Center for Educational Research and Development.) [Final report, project 9-0477, contract OEC-O-9-200477-4043, with University of Georgia Athens, Ga.] ● Item 461 (Rev. 1965)  
v.2A-2B. Technical report [with list of references]. viii+815 p. il. 4° \* Paper, \$5.75 HE 5.87: G 29/v.2
- 14283 Emergency school assistance program. [1970.] [117] p. 4° † ● Item 461-A (Rev. 1965)  
L.C. card 70-608968 HE 5.6/2: Em 3
- 14284 Federal-State partnership for education, 5th annual report of Advisory Council on State Departments of Education. [May 1970.] x+182 p. il. 4° (OE-23050-70.) \* Paper, \$1.50. ● Item 460-A-23  
L.C. card HEW 66-164 HE 5.223: 23050-70
- 14285 Financial statistics of institutions of higher education, commentary on endowment, 1965-66 and 1966-67 [with bibliography]; by Paul F. Mertins and Leonard S. Baker. [1970.] v+37 p. 4° (OE-52014; National Center for Educational Statistics.) [Includes list of related NCES publications on p. 3 of cover.] \* Paper, 50c. ● Item 460-A-52  
L.C. card 79-608764 HE 5.252: 52014
- 14286 Higher education: Advance statistics on opening fall enrollment, basic information, 1969; [by George H. Wade]. 1970. 12 p. 4° (OE-54048; National Center for Educational Statistics.) \* Paper, 15c. ● Item 460-A-54 HE 5.254: 54048
- 14287 It's hard to come back; by Mary Pat Pfeil. [1970.] [4] p. il. 4° (OE 37064.) [Reprinted from American education, June 1970.] \* Paper, 10c. ● Item 460-A-37 HE 5.237: 37064
- 14288 Library statistics of colleges and universities: Data for individual institutions, Fall 1969; by Bronson Price. [June 1970.] v+158 p. 4° (OE-15023-69; National Center for Educational Statistics.) [At head of title on cover: Library statistics. Includes list of related NCES publications on p. 3 of cover.] \* Paper, \$1.25. ● Item 460-A-15  
L.C. card 75-603026 HE 5.215: 15023-69
- 14289 Manpower research inventory for fiscal year 1969; prepared by Interagency Committee on Manpower Research. [1970.] vi+171 p. il. oblong 24° ([OE-12036-69; Educational Resources Information Center, ERIC: National Center for Educational Communication.]) [Indexed and abstracted by ERIC Clearinghouse on Vocational and Technical Education, Ohio State University.] \* Paper, \$1.75. ● Item 460-A-12  
L.C. card 71-600520 HE 5.212: 12036-69
- 14290 OE's new copyright policy; [by Morton W. Bachrach]. [1970.] [3] p. large 4° (OE-11029.) [Reprinted from American education, June 1970.] \* Paper, 10c. ● Item 460-A-11 HE 5.211: 11029
- 14291 Opportunities abroad for teachers, 1971-72, teaching short-term seminars. [1970.] [2]+iv+28+[2] p. ([OE-14047-72; Institute of International Studies.]) \* Paper, 20c. ● Item 460-A-14 HE 5.214: 1407-72

\*For Sale by Superintendent of Documents

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- 14292 People power for children, new set of heroes. Morgan follows through, P.S. 109's man in pinstriped suit. Harlem teams on top, Moms are a must, 5 ideas communities. [1970.] [15] p. il. 4° ([OE-10071.]) [Reprinted from American education, Jan.-Feb., Apr., and May 1970.] \* Paper, 30c. ● Item 460-A-10 HE 5.210: 10071
- 14293 Preprimary enrollment, Oct. 1969; by Gordon E. Hurd. [1970.] vi+24 p. 4° (OE-20079-69; National Center for Educational Statistics.) [Text on p. 2 and 3 of cover. At head of title on cover: Elementary and secondary education.] \* Paper, 35c. ● Item 460-A-20 HE 5.220: 20079-69  
L.C. card 79-608914
- 14294 Provoking change in education, report on 1969 Teacher Corps national conference, Washington D.C., Oct. 16-18, 1969 [final report, papers with bibliographies]. [May 1970.] cover title, v+148 p. il. 4° (Bureau of Educational Personnel Development.) † ● Item 461 (Rev. 1965) HE 5.2: T 22/21  
L.C. card 76-608924
- 14295 Research in education, semi-annual index Jan.-June 1970 ([reports]). [1970.] cover title, [2]+459 p. 4° (Educational Resources Information Center, ERIC; [National Center for Educational Communication].) [Includes accession nos. ED 031 605-ED 036 658. Text on p. 2-3 of cover.] \* Paper, \$3.25. ● Item 466-A HE 5.77: 970/ind.  
L.C. card 72-216727
- 14296 The right to read, target for the 70's [all lettered colored poster]. [1970.] 19 x 12.5 in. † HE 5.20: R 22
- 14297 Statistics of local public school systems, 1967-68 finances; by Gerald Kahn and Warren A. Hughes. [1970.] v+181 p. 4° ([OE-22027-68; National Center for Educational Statistics.]) \* Paper, \$2.00. ● Item 460-A-22 HE 5.222: 22027-68  
L.C. card 71-603025
- 14298 Vocational and technical education, annual report, fiscal year 1968. [May 1970.] iv+[2]+199 p. il. 4° (OE-80008-68.) \* Paper, \$2.00. ● Item 460-A-80 HE 5.280: 80008-68  
L.C. card 78-11381

**EMERGENCY PREPAREDNESS OFFICE, Executive Office of the President, Washington, DC 20504**

NOTE.—The name of the Emergency Planning Office has been changed to the Emergency Preparedness Office.

- 14299 Stockpile report to Congress, Jan.-June 1969 [pursuant to sec. 4 of Strategic and critical materials stock piling act, Public law 520, 79th Congress]. v+33 p. il. 4° † PrEx 4.9: 969

**ENGINEER 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, DC 20310, Attention Publications Office.

- 14300 Accelerated development, Plain of Reeds [with bibliography]; prepared by Engineer Agency for Resources Inventories. July 1968. xii † 88 leaves, il oblong large 8° [Sponsored by Department of Defense Advanced Research Projects Agency, APRA order 1068.] † Engineer Agency for Resources Inventories, 4701 North, Sangamore Rd., Washington, DC 20016 D 103.2: R 25
- 14301 An Giang Province, Viet-Nam, resources inventory; prepared by Engineer Agency for Resources Inventories, [1968.] ix+133 leaves, il oblong large 8° [Prepared for International Development Agency, State Department.; † Engineer Agency for Resources Inventories, 4701 North Sangamore Rd., Washington, DC 20016 D 103.2: V 67/4

# GOVERNMENT PUBLICATIONS

- 14302 Annual fish passage report, Columbia River projects, Bonneville, The Dalles, John Day, McNary; Snake River projects, Ice Harbor, Lower Monumental, Oreg. and Wash., 1969; prepared by Army Engineer Districts, Portland and Walla Walla. [1969.] cover title, [1]+vii+16 p. il. 27 pl. 84 tabs. 2 p. of pl. 4° (North Pacific Division.) ‡  
L.C. card 53-63332 D 103.27: 969
- 14303 Black River Harbor, Alcona County, Mich., letter from Chief of Engineers, Army, submitting report; July 6, 1970. 1970. x+65 p. map, 4° [Also issued as H. doc. 361, 91st Cong. 2d sess.] ‡ ● Item 334-A  
D 103.22: B 56/6
- Cold Regions Research and Engineering Laboratory, Hanover, N.H.: Technical reports. ‡  
D 103.33: (nos.)
- 14304 222. Dynamic Young's modulus and flexural strength of sea ice [with list of literature cited; by] Guenther E. Frankenstein [and Robert Garner]. May 1970. iii+15 p. il. 4° (DA task 1T062112A13001.)
- 14305 225. Isothermal compressibility of frozen soil and ice to 30 kilobars at -10°C [with list of literature cited; by] Edwin Chamberlain and Pieter Hoekstra. June 1970. vi+35 p. il. 4° (ARPA order 968.)
- Cold regions science and engineering monograph: [pt. 3, Engineering]. (Cold Regions Research and Engineering Laboratory, Hanover, N.H.)
- 14306 3-Blb. Ice pressure on engineering structures [with list of literature cited; by] Bernard Michel. June 1970. vii+71-[1] p. il. 4° (DA project 1T062112A130 ‡  
L.C. card 62-62430 D 103.33/7: 3-Blb
- Engineer manual EM (series).
- 14307 1110-2-1902. Engineering and design: Stability of earth and rock-fill dams [with list of references; prepared by W. E. Stroh, jr. and others]. Apr. 1, 1970. cover title, [175] p. il. 4° [Prepared in U.S. Army Waterways Experiment Station. Issued with perforations.] ‡ ● Item 338-A D 103.6/3: 1110-2-1902/2
- 14308 Flood plain information: Allegheny River and Fivemile Creek, Allegany, N.Y. Oct. 1969. cover title, [3]+ii+43 p. il. 10 pl. 4° [Prepared for Village of Allegany and Division of Water Resources, State of New York, by Corps of Engineers, U.S. Army, Pittsburgh District, Pittsburgh, Pa.] ‡  
D 103.47: A15
- 14309 — Beargrass and Upper Mill Creeks, Jefferson County, Ky. Aug. 1969. cover title, [4]+ii+61+[3] p. il. 13 pl. 2 p. of pl. 4° [Prepared for Louisville and Jefferson County Planning and Zoning Commission, by Corps of Engineers, U.S. Army, Louisville District, Louisville, Ky.] ● ‡  
D 103.47: J 35/3
- 14310 — Casper, Wyo.; v. 2: Sage Creek. Apr. 1970. cover title, [2]+ii+20 p. il. 4 pl. 4° [Prepared for city of Casper by U.S. Army Engineer District, Omaha, Corps of Engineers, Omaha, Nebr.] ‡  
D 103.47: C 27/v.2
- 14311 — Crow Creek, v. 2, Cheyenne, Wyo. June 1970. cover title, [2]+ii+24 p. il. 5 pl. 4° [Prepared for city of Cheyenne by U.S. Army Engineer District, Omaha Corps of Engineers, Omaha, Nebr.] ‡ D 103.47: C 42/2
- 14312 — Floyds Fork, Jefferson County, Ky. May 1969. cover title, [4]+ii+30 p. il. 11 pl. 4° [Prepared for Louisville and Jefferson County Planning Commission, by Corps of Engineers, U.S. Army, Louisville, Ky. District.] ‡  
D 103.47: J 35/2
- 14313 — Manitowoc County, Wis. May 1970. cover title, [5]+67 p. il. 18 pl. 4° [Prepared for Manitowoc County Planning and Park Commission by Corps of Engineers, U.S. Army, Chicago District. Some plates are colored] ‡  
D 103.47: M 31
- 14314 — Mississippi River and Cape LaCroix Creek at Cape Girardeau, Mo. Dec. 1969. [2] p. il. narrow f° folded into narrow 8° size. [Prepared for City of Cape Girardeau.] ‡  
D 103.47/2: C 17g

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- 14315 — Mississippi River and Cape La Croix Creek, Cape Girardeau, Mo. Dec. 1969. cover title, [4]+ii+61 p. il. 13 pl. 4° [Prepared for city of Cape Girardeau by Department of Army, St. Louis District, Corps of Engineers, St. Louis, Mo.] ‡ D 103.47: C 17/2
- 14316 — Pocatello, Idaho, and vicinity, Portneuf River and tributaries near Pocatello. Mar. 1970. cover title, v+48 p. il. 22 pl. 4° [Prepared for Bannock County by Corps of Engineers, U.S. Army, Walla Walla, Wash. District. Text on p. 2 of cover.] ‡ D 103.47: P 75/2
- 14317 — Pond Creek, Jefferson County, Ky. Nov. 1968. cover title, [2]+ii+35 p. il. 8 pl. 2 p. of pl. 4° [Prepared for Louisville and Jefferson County Planning Commission, by Corps of Engineers, U.S. Army, Louisville, Ky. District.] ‡ D 103.47: J 35
- 14318 — Rock River, Winnebago County, Ill. Dec. 1969. cover title, [5]+vii+80 p. il. 18 pl. 4° [Prepared for State of Illinois, Division of Waterways, Department of Public Works and Buildings, by Corps of Engineers, Army, Rock Island District. Some pages are issued as leaves.] ‡ D 103.47: W 73
- 14319 — Santa Clara River (vicinity of Santa Paula), Ventura County, Calif. Mar. 1970. cover title, iv+39 p. il. 11 pl. 4° [Prepared for County of Ventura by Corps of Engineers, U.S. Army, Los Angeles District, Calif.] ‡ D 103.47: V 56/3
- 14320 — Santa Ynez River (Lompoc to Pacific Ocean), Santa Barbara County, Calif. Jan. 1970. cover title, [2]+ii+52 p. il. 25 pl. 4° [Prepared for Santa Barbara County Flood Control and Water Conservation District by Corps of Engineers, U.S. Army, Los Angeles District, Calif.] ‡ D 103.47: Sa 5 b/2
- 14321 Floods in Allegany, N.Y., how to avoid damage. Oct. 1969. [2] p. il. narrow f° folded into narrow 8° size. [Prepared from Flood plain information, Allegany River and Five Mile Creek, village of Allegany, N.Y.] ‡ D 103.47/2: A1 5
- 14322 Floods in Manitowoc County, Wis., how to avoid damage. [1970.] [2] p. il. oblong f° folded into narrow 8° size. [Prepared from Flood plain information, Manitowoc County, Wis. One illustration is colored.] ‡ D 103.47/2: M 31
- 14323 Floods in Pocatello, Idaho & vicinity; prepared by Corps of Engineers, Walla Walla District. Feb. 1970. [2] p. il. oblong large 8°, folded into narrow 12° size. ‡ D 103.47/2: P 75/2
- 14324 Floods on Beargrass Creek, Jefferson County, Ky., how to avoid damage. Aug. 1969. [2] p. il. oblong f° folded into narrow 8° size. [Prepared from Flood plain information, Beargrass and Upper Mill Creek, Jefferson County, Ky.] ‡ D 103.47/2: J 35/4
- 14325 Floods on Upper Mill Creek, Jefferson County, Ky., how to avoid damage. Aug. 1969. [2] p. il. oblong f° folded into narrow 8° size. [Prepared from Flood plain information, Beargrass and Upper Mill Creeks, Jefferson County, Ky.] ‡ D 103.47/2: J 35/2
- 14326 Floyds Fork, floods in Jefferson County, Ky., how to avoid damage. May 1969. [2] p. il. oblong f° folded into narrow 8° size. [Prepared from Flood plain information, Floyds Fork, Jefferson County, Ky.] ‡ D 103.47/2: J 35
- 14327 Fourmile Run, city of Alexandria and Arlington County, Va., letter from chief of engineers, Army, submitting report; June 25, 1970. 1970. xxiii+77 p. 2 pl. 4° [Also issued as H. doc. 358, 91st Cong., 2d sess.] ‡ ● Item 334-A L.C. card 77-608943 D 103.22: F 82/2

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Commerce, Springfield, Va. 22151

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# GOVERNMENT PUBLICATIONS

- 14328 Placer Creek at Wallace, Idaho, letter from chief of engineers, Army, submitting report; June 22, 1970. 1970. xii+46 p. il. 2 pl. 4° [Also issued as H. Doc. 357, 91st Cong., 2d sess.] ‡ ● Item 334-A  
D 103.22: P 69/4
- 14329 Pond Creek, floods in Jefferson County, Ky., how to avoid damage. Nov. 1968. [2] p. il. oblong f° folded into narrow 8" size [Prepared from Flood plain information, Ohio River, Jefferson County, Ky.] ‡  
D 103.47/2: J 35/3
- 14330 Reedy River, S.C., letter from chief of engineers, Army, submitting report; June 19, 1970. 1970. xiv+66 p. map, 4° [Also issued as H. doc. 356, 91st Cong., 2d sess.] ‡ ● Item 334-A  
D 103.22: R 25
- 14331 Scajaquada Creek and tributaries, N.Y., letter from chief of engineers, Army, submitting report; July 6, 1970. 1970. xiii+58 p. il. map, 4° [Also issued as H. doc. 362, 91st Cong., 2d sess.] ‡ ● Item 334-A  
D 103.22: Sca 3
- 14332 Special flood hazard information: Arkansas River, Fort Dodge-Wilroads Gardens section of Dodge City, Kans.; prepared by Corps of Engineers Albuquerque District, N. Mex. June 1970. cover title, 8 p. il. 6 pl. 4° [Prepared for Dodge City and Ford County.] ‡  
D 103.47: F 77 d
- 14333 Water resources development by Army Corps of Engineers in California. Jan. 1969. cover title, [2]+vi+276 p. il. map 4° (South Pacific Division.) [Map is colored.] ‡  
L.C. card 58-61019  
D 103.35: C 12/969
- 14334 Waterborne commerce of United States, calendar year 1968: pt. 5, National summaries. [1970.] vii+143 p. 4° [Compiled under supervision of Division Engineer, U.S. Army Engineer Division, Lower Mississippi Valley Corps of Engineers, Vicksburg, Miss.] ‡ Paper, \$1.00.  
L.C. card 55-63535  
D 103.1/2: 968/pt.5

## 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).

## Waterways Experiment Station: Miscellaneous paper.

- 14335 S-70-14. Evaluation of soil strength of unsurfaced forward-area airfields by use of ground vehicles [with list of literature cited]; by G. M. Hammitt II. Army-MRC-Vicksburg, Miss., May 1970. ix+10+[36] p. il. 4° ‡ [Sponsored by Office, Chief of Engineers, Army.] ‡  
D 103.24/4: S-70-14

## Waterways Experiment Station: Technical report.

- 14336 C-70-3. Study of feasibility of methods for increasing load-carrying capacities of existing concrete beams [with bibliography]; by F. B. Cox. Army-MRC, Vicksburg, Miss. May 1970. x+44+[70] p. il. 4° [Sponsored by Assistant Secretary of Army R&D, Department of Army.] ‡  
L.C. card 79-608634  
D 103.24/2: C-70-3
- 14337 Wenatchee, Wash., letter from chief of engineers, Army, submitting report; July 23, 1970. 1970. xx+120 p. il. 5 pl. 4° [Also issued as H. doc. 370, 91st Cong., 2d sess.] ‡ ● Item 334-A  
D 103.22: W 48
- 14338-339 [These entry numbers not used.]

## ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, Commerce Dept., Washington, DC 20235

Climatography of United States 60 (series). Climates of States. (Environmental Data Service.) ● Item 273-B  
C 30.71/3: (nos.)

- 14340 4. California [with bibliographies; by] C. Robert Elford. Dec. 1959, revised June 1970. [1970.] 57 p. il. 4° \* Paper, 60c. (incorrectly given in publication as 35c.)
- 14341 52. Climate of Puerto Rico and U.S. Virgin Islands [with bibliographies; by] Robert J. Calvesbert. 1961, revised June 1970. [1970.] 29 p. il. 4° \* Paper, 35c. (incorrectly given in publication as 60c.)

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- 14342 Environmental Data Service, services and publications. [1970.] 18+[1] p. il. 4° ([ESSA/PI 700015.]) \* Paper, 30c. ● Item 208-B-1 L.C. card 78-608970 C 52.2: En 8/5

ESSA technical memorandum. (Weather Bureau, Systems Development Office, Techniques Development Laboratory, Silver Spring, Md.) C 52.15/2: WBTM-TDL- (nos.)

- 14343 WBTM-TDL-30. Summary of selected references material on oceanographic phenomena of tides, storm surges, waves, and breakers [with bibliographies; by] N. Arthur Pore. May 1970. iv+103 p. il. 4° Φ Paper, \$3.00.
- 14344 WBTM-TDL-31. Persistence of precipitation at 108 cities in conterminous United States [with list of references; by] Donald L. Jorgensen and William H. Klein. May 1970. ii+[1]+84 p. il. 4° Φ Paper, \$3.00.

ESSA technical report. (Environmental Data Service.)

- 14345 EDS-9. Markov chain models for probabilities of hot and cool days sequences and hot spells in Nevada [with list of references; by] Clarence M. Sakamoto. Mar. 1970. iii+26 p. 4° Φ Paper, \$3.00. ● Item 208-B-7 C 52.15: EDS 9

ESSA technical report. (National Environmental Satellite Center).

- 14346 NESC 51. Application of meteorological satellite data in analysis and forecasting [with list of references; by] Ralph K. Anderson [and others]. Sept. 1969, reprinted May 1970. vii+[223] p. il. 4 [Issued with perforations. Also issued as Air Weather Service technical report 212.] \* Paper, \$1.75. ● Item 208-B-7 C 52.15: NESC 51

ESSA technical report. (Research Laboratories: Atlantic Oceanographic and Meteorological Laboratories, Physical Oceanography Laboratory, Miami, Fla.)

- 14347 ERL 167-AOML 2. Oceanographic investigation of Cay Sal Bank, Bahama Islands [with list of references; by] Robert B. Starr. June 1970. iii+52 p. il. 4° \* Paper, 55c. ● Item 208-B-7 C 52.15: ERL 167-AOML 2

ESSA technical report. (Research Laboratories: Institute for Telecommunication Sciences, Boulder, Colo.) ● Item 208-B-7

C 52.15: ERL (nos.)

- 14348 ERL 165-ITS 106. Theoretical LF,VLF field calculations with spherical wave functions of integer order [with list of references; by] J. Ralph Johler [and] Carlene Mellecker. Apr. 1970. iii+[1]+81 p. il. 4° \* Paper, 75c.
- 14349 ERL 166 ITS 107. Evaluation of loran tests at Anniston, Ala. and Panama City, Fla. [with list of references; by] Bernard Wieder [and] James S. Washburn. June 1970. iii+51 p. il. 4° \* Paper, 55c.
- 14350 ERL 171-ITS 109. Basis and application of simulation model for oceanographic data transmission system using HF radio [with list of references; by] Dale N. Hatfield [and] Jean E. Adams. iii+26 p. il. 4° \* Paper, 35c.

- 14351 Tornado safety rules. Jan. 1969. 1 p. il. 4° (ESSA/PI 660030.) \* Paper, \$1.50 per 100; single copy 5c. C 52.6: T 63/969

- 14352 USC&GSS Discover OSS 02. [1970.] 16 p. il. 4° ([ESSA/PI 670001.]) \* Paper, 30c. ● Item 208-B-1 C 52.2: D 63/970

## EQUAL EMPLOYMENT OPPORTUNITY COMMISSION Washington, DC 20506

- 14353 Equal employment opportunity report no. 2: Job patterns for minorities and women in private industry, 1967. [1970.] \* Paper, \$11.50 per set of 2 vols. ● Item 1059-A-1 L.C. card 72-608923 Y 3.Eq 2: 12/2/v.1,2  
v.1. ivii+655 p. 4°  
v.2. [1]+889 p. 4°

## FARMER COOPERATIVE SERVICE, Agriculture Dept. Washington, DC 20250

FCS information (series).

- 14354 66. Legal phases of farmer cooperatives, sample legal documents: [prepared by D. Morrison Neely and others]. [May 1970. cover title, [3]+45 p. [Page 45 is on p. 3 and list of other FCS publications on p. 4 of cover.] † A 89.15: 66

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# GOVERNMENT PUBLICATIONS

## FEDERAL AVIATION ADMINISTRATION, Transportation Dept. Washington, DC 20553

- 14355 Acceptable methods, techniques, and practices, aircraft inspection and repair, change 7, June 12, 1969 and Oct. 30, 1969. [1969.] [88] p. il. 4° (AC 43.13-1.) [Issued in looseleaf form.] \* Paper, \$3.00 including basic manual and changes for indefinite period; \$1.00 additional for foreign mailing. ● Item 431-F-7 TD 4.28/2: 969/ch.7
- 14356 Airport design standards, airports served by air carriers, taxiways [with bibliography]. May 15, 1970. cover title, [40] p. il. 4° ([Advisory circular AC 150/5335-1A.]) [Issued with perforations. Cancels AC 150/5335-1, Jan. 28, 1965 and taxiway criteria in AC 150/5330-2A, July 26, 1968.] † ● Item 431-C-4 TD 4.8/4: A17
- 14357 Federal aviation regulations, v. 8. May 1970. cover title, [109] p. 4° [Issued in looseleaf form.] \* Paper, \$3.50 (including basic volume and supplementary material for an indefinite period); \$1.00 additional for foreign mailing ● Item 431-C-13  
Includes-pt. 133, Rotorcraft external load operations, pt. 135, Air taxi operators and commercial operations of small aircraft, pt. 137, Agricultural aircraft operations. TD 4.6/3: v.8
- Handbooks. ● Item 431-C-4 TD 4.8/2: (nos.)
- 14358 5190.2E. List of public airports affected by agreements with Federal government, June 8, 1970. cover title, [2]+iv+100 p. 4° [Issued in looseleaf form. Cancels Handbook 5190.2D, May 28, 1969.] †
- 14359 6000-7B. Improvement of operating conditions TRACON facilities, June 9, 1970. cover title, [2]+ii+51 p. il. 4° [Issued with perforations. Cancels handbook 6000-7A.] †
- National Aviation Facilities Experimental Center, Atlantic City, N.J.: Report NA (series). TD 4.32: (nos.)
- 14360 69-37. Effect of ground crash fire on aircraft fuselage integrity, interim report [with list of references]; prepared by George B. Geyer, Dec. 1969. viii+35+[38] p. il. 4° (Project 430-002-02X, report NA-69-37 (RD-69-46).) [Prepared for Systems Research and Development Service.] † Paper, \$3.00.
- 14361 70-3. Evaluation of area navigation in Northeast Corridor, final report; prepared by Bernhart V. Dierman. Jan. 1970. [118] p. il. 4° (Project 330-013-01X; report RD 69-53; National Aviation Facilities Experimental Center.) [Prepared for Systems Research and Development Service.] † Paper, \$3.00.
- 14362 National aviation system planning review conference Apr. 14-17, 1970, summary report. [1970.] xx+158 p. il. 4° [Issued with perforations. Some pages are printed as leaves.] \* Paper, \$1.50. ● Item 431-C-8 L.C. card 70-604638 TD 4.2: N 21/3
- 14363 United States standard flight inspection manual, Change 16. [June 15, 1970] [18] p. 4° (Handbook OA P 8200.1; Army [Dept.] TM 11-2557-25; Navy [Dept.] NAV WEPS 16-1-520; [Air Force Dept.] AFM 55-8; [Coast Guard] CG-317.) [Cancellation date after change made. Issued with perforations.] † ● Item 431-C-4 TD 4.8: F 64/963/rep.-2/ch.16

## FEDERAL COMMUNICATIONS COMMISSION Washington, DC 20554

- 14364 Federal Communications Commission reports, cumulative index digest of decisions and reports, July 7, 1965-Jan. 17, 1969, v. 1-15, 2d series, insert. 1970. [1]+66 p. [Covers material following p. 1189, and includes subject headings from "Television station, Experimental operation of" through "Zoning."] † ● Item 284 CC 1.12/2: 1-15/ind./insert

## FEDERAL DEPOSIT INSURANCE CORPORATION Washington, DC 20429

- 14365 1969 report of income assets and liabilities, commercial and mutual savings banks, Dec. 31, 1969. [1970.] cover title, 128, p. 4° [Joint report of Federal Deposit Insurance Corporation, Board of Governors of Federal Reserve System and Office of Comptroller of Currency. Text on p. 3 of cover.] †  
L.C. card 34-28239 Y 3.F 81/8: 9-2/969-2

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**FEDERAL HEALTH PROGRAMS SERVICE, Health, Education, and Welfare Dept., Rockville, MD 20852**

- 14366 Automated multiphasic health testing, bibliography [v. 1, no. 1]. May 1970. [3]+175 p. 4° ([Public Health Service publication 2076]; Health Services Research Branch.) \* Paper, \$1.50. ● Item 494-C-2  
L.C. card 77-608927 HE 20.2710: 1/1
- 14367 Proceedings of U.S. Public Health Service cooperative study, Renal disease and hypertension: v. 7, 9th annual conferences, Apr. 1970, Washington, D.C. [pyelonephritis] and Philadelphia, Pa. [hypertension]. [1970.] xi+218 p. 4° † ● Item 494-C-1  
L.C. card 65-61307 HE 20.2702: R 29/v.7

**FEDERAL HOME LOAN BANK BOARD  
Washington, DC 20552**

- 14368 Study of savings and loan industry [papers, with bibliographies]. July 1969 [published 1970.] \* Paper, \$8.25 per set of 4 volumes. ● Item 596  
L.C. card 72-606665 FHL 1.2: Sa 9/5/v.1-4
- v.1. ix+436 p. il.  
v.2. viii+437-969 p. il.  
v.3. x+971-1433 p. il.  
v.4. iii+971+1436-1822 p. il.

**FEDERAL HOUSING ADMINISTRATION, Housing and Urban Development Dept., Washington, DC 20411**

- 14369 FHA regulations: [Project mortgage insurance, amendments to sec. 236.70]. [1970.] [46] p. [Includes Project transmittal 72, June 1970. Issued in looseleaf form.] † HH 2.6: M 84/6/964/trans.72
- 14370 Rent supplement regulation no. 5 [Apr. 28, 1970.] [4] p. [Issued in looseleaf form.] † HH 2.6: R 29/trans.5

**FEDERAL INTERAGENCY COMMITTEE ON EDUCATION**

NOTE.—The Federal Interagency Committee on Education was established by Executive order 11185, Oct. 16, 1964.

- 14371 Federal agencies and Black colleges. June 1970. viii+45 p. † ● Item 1062-A  
L.C. card 71-608222 Y 3.Ed 8: 2 B 56

**FEDERAL MARITIME COMMISSION  
Washington, DC 20573**

- FMC SP (series). † FMC 1.9: 70-(nos.)
- 14372 70-33. Remarks of Helen Delich Bentley, Chairman, Federal Maritime Commission, luncheon speaker on occasion of Lash Italia launching, Avondale shipyards, New Orleans, La., July 11, 1970. [1970.] 6 p. 4°
- 14373 70-34. Remarks by Mrs. Helen Delich Bentley, Chairman, Federal Maritime Commission on occasion of Port of Pensacola dedication ceremony Pensacola, Fla., Aug. 17, 1970. 10 p. 4°
- 14374 70-35. Remarks of Commissioner James V. Day, Federal Maritime Commission, at 50th annual meeting of Associated Industries of Maine at Boothbay, Maine, Sept. 11, 1970. 7 p. 4°

**FEDERAL POWER COMMISSION  
Washington, DC 20426**

- FPC-S (series).
- 14375 204. Hydroelectric plant construction cost and annual production expenses, 12th annual supplement, 1968; [prepared by Bureau of Power]. Apr. 1970. xxvi+112 p. map 4° \* Paper, \$1.25. ● Item 440  
L.C. card 58-61266 FP 1.21: 204
- National electric rate book, rate schedules for electric service in communities of 2,500 population or more, residential, commercial, and industrial services. [Issued with perforations.]
- NOTE.—The complete rate book is made up of separate publications, each representing a State. They are sold on subscription basis by the Superintendent of Documents, \$12.50 a year, \$4.25 additional for foreign mailing; single copy. 25c.
- 14376 California. July 1970. [2]+31 p. 4° [Supersedes issue of Apr. 1969.] ● Item 437-A-4 FP 1.18: C 12/970

# GOVERNMENT PUBLICATIONS

## National electric rate book—Continued

- 14377 Ohio, June 1970. [2]+38 p. 4° [Supersedes issue of May 1969.] ● Item 437-A-33 FP 1.18: Oh 3/970
- 14378 Pennsylvania, July 1970. [2]+32 p. 4° [Supersedes issue of Apr. 1969.] ● Item 437-A-36 FP 1.18: P 38/970
- 14379 1970 national power survey, Federal Power Commission [guidelines for growth of electric power industry]: pt. 3, Advisory reports to Federal Power Commission [with selected bibliographies]; prepared by South Central Regional Advisory Committee, West Central Regional Advisory Committee; West Regional Advisory Committee. [1970.] [489] p. il. 4° \* Paper, \$5.25. ● Item 436 L.C. card 70-609145 FP 1.2: P 87/970/pt.3
- 14380 Publications list, June 1970. [1970.] 4 p. 4° † FP 1.26: 970-2

## FEDERAL RAILROAD ADMINISTRATION, Transportation Dept. Washington, DC 20591

- 14381 Development of nonfriction braking systems for high speed trains [with list of references; by R. J. Cassidy, R. L. Pleuthner, and F. K. Schenkell]. [1970.] xi+194 p. il. 4° [Prepared for Office of High Speed Ground Transportation] † TD 3.2: B 73
- NECTP [Northeast Corridor Transportation Project] (series). High Speed Ground Transportation Office.)
- 14382 209. Northeast Corridor Transportation Project report. Apr. 1970. [1970.] [250] p. il. 4° † TD 3.13: 209
- Railroad accident investigation report.
- 14383 4152. Great Northern Railway Company (Burlington Northern, Inc.), Marysville, Wash., June 6, 1969. [1969.] [4]+14 p. il. (Railroad Safety Bureau.) † TD 3.110: 4152
- 14384 Study of stability and dynamic response of linear induction motor test vehicle [with list of references; by T. G. Pearce and B. J. May]. Sept. 1969. cover title, xii+75 p. il. 4° (Office of High-Speed Ground Transportation) [Prepared under contract FR3-0261 by British Railways Research Department, Advanced Projects Division, Derby, England.] † Paper, \$3.00 TD 3.2: L 63

## FEDERAL REGISTER OFFICE, General Services Administration Washington, DC 20408

- 14385 United States Government organization manual, 1970-71. Revised July 1, 1970. [1970.] viii+820 p. [Includes Constitution of United States with amendments. Revised annually. Margin index and how to use on p. 4 of cover.] \* Paper, \$3.00. ● Item 577 L.C. card 35-26025 GS 4.109: 970

## FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS Washington, DC 20551

- 14386 Changes in time and savings deposits: July-Oct. 1969; [prepared by Caroline H. Cagle]. [1970.] p. 211-224, 4° [Reprinted from Federal reserve bulletin, Mar. 1970.] † FR 1.3/a: D 441/11/969-3
- 14387 — Oct. 1969-Jan. 1970; [prepared by Caroline H. Cagle]. [1970.] p. 408-419, 4° [Reprinted from Federal reserve bulletin, May 1970.] † FR 1.3/a: D 441/11/969-70
- 14388 Economic trends in United States and outlook for developing countries, remarks by Andrew F. Brimmer, Member, Board of Governors of Federal Reserve System, before dinner meeting of Chamber of Commerce, Monrovia, Liberia, July 23, 1970. 1970. [1]+23 p. 4° † FR 1.23: B 77/59
- 14389 Federal Reserve Board publications. June 1970. 7 p. 4° † FR 1.45: 970
- 14390 Financial developments in 1st quarter of 1970. [1970.] p. 399-407, il. 4° [Reprinted from Federal reserve bulletin for May 1970.] † FR 1.3/a: F 49/10/970-1

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

- 14391 Forecasting economic activity in 1970, remarks of George W. Mitchell, Member, Board of Governors of Federal Reserve System, Denver Economics Club, Denver, Colo., Aug. 12, 1970. 1970. [1]+11 p. 4° †  
FR 1.23 : M 69/59

- 14392 Recent changes in structure of commercial banking. [1970.] p. 195-210, il. 4° [Reprint from Federal reserve bulletin for Mar. 1970.] †  
FR 1.3/a : B 225/23

Regulations (series). †

FR 1.6 : (letters)

- 14393 K. Corporations engaged in foreign banking and financing under Federal Reserve act, amendment, effective Mar. 3, 1970. [1970.] 1 p. 4°  
14394 T. [Credit by brokers and dealers], supplement, effective, May 6, 1970. [1970.] [2] p. 4°  
14395 U. [Credit by banks for purpose of purchasing or carrying margin stocks], supplement, effective May 6, 1970. [1970.] 1 p. 4°  
14396 V. [Loan guarantees for defense production as amended effective Sept. 27, 1966], supplement, sec. 7, Maximum rates of interest, guarantee fees, and commitment fees, effective June 4, 1970. [1970.] 1 p. 4°  
14397 Z. Truth in lending, amendment, effective Mar. 12, 1970. [1970.] 1 p. 4°

**FEDERAL SUPPLY SERVICE, General Services Administration  
Washington, DC 20405**

- 14398 Federal specifications. ● Item 563 GS 2.8 :

NOTE.—These specifications are completely covered by the index of Federal specifications and standards. Individual specifications are not listed in the Monthly Catalog.

Index of Federal specifications and standards January 1, 1970, with cumulative supplements as issued (GS2.8 : 1970 is sold by the Superintendent of Documents on a subscription basis at \$3.50 a yr., \$1.00 additional for foreign mailing.

- 14399 Inventory of automatic data processing equipment in United States Government, fiscal year 1970. [1970.] 394 p. 4° \* Paper, \$2.75. ● Item 853-B  
L.C. card 70-600875 GS 2.15 : 970

**FEDERAL WATER QUALITY ADMINISTRATION, Interior Dept.  
Washington, DC 20242**

NOTE.—The name of the Federal Water Pollution Control Administration has been changed to Federal Water Quality Administration.

- 14400 Clean water for mid-America. [Apr. 1970.] cover title, ii+26 p. il. 4° (Public Information Office, Great Lakes Region.) [Text and other illustrations p. 2-4 of cover.] †  
I 67.2 : C 58/3

- 14401 Conference in matter of pollution of interstate waters of Escambia River Basin (Alabama-Florida) and intrastate portions of Escambia Basin within State of Florida, v. 2, Gulf Breeze, Fla. Jan. 22-22, 1970. [1970.] [1]+336-605 p. il. 12 p. of pl. 13 tab 4° † ● Item 473-A-1  
L.C. card 75-608290 I 67.2 : Es 1/v.2

- 14402 Conference in matter of pollution of navigable waters of Mobile Bay and its tributaries, Alabama, Jan. 27-28, 1970, Mobile, Ala., proceedings. [1970.] cover title, 1-1b, 2-3c, 4-4i. 5-6a, 7-527a, 528-539 p. il. 4° † ● Item 473-A-1  
L.C. card 71-608711 I 67.2 : M 71

- 14403 Industrial waste guide on logging practices. Portland, Oreg., Feb. 1970. v+[5]+40 [39] p. il. 40° ([Northwest Regional Office.]) †  
I 67.8/2 : L 82

- 14404 Mineral quality problem in Colorado River Basin: Appendix B, Physical and economic impacts [with bibliography]; prepared by Colorado River Basin Water Quality Control Project, Denver, Colo. Jan. 1970. [1]+ix +166 leaves il. 4° (Southwest Region, San Francisco, Calif.) †  
I 67.2 : C 71/3/app.B

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

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# GOVERNMENT PUBLICATIONS

Robert A. Taft Water Research Center: Report TWRC-(series).

I 67.19:(nos.)

- 14405 7. Laboratory investigation of regeneration of spent granular activated carbon [with list of references]; by A. J. Juhola and F. Tepper. Feb. 1969. v+91 p. il. 4° (Advanced Waste Treatment Research Laboratory.) [Submitted in fulfillment of contract 14-12-107 by MSA Research Corporation.] † Office of Information, Ohio Basin Region, Federal Water Pollution Control Administration, 4676 Columbia Parkway, Cincinnati, OH 45226
- 14406 8. Evaluation of operating parameters of alumina columns for selective removal of phosphorus from wastewater and ultimate disposal of phosphorus as calcium phosphate [with list of references]; by L. L. Ames. Mar. 1969. v+33 p. il. 4° (Advanced Waste Treatment Laboratory.) [Contract 14-12-143 by Battelle-Northwest.] † Office of Information, Ohio Basin Region, Federal Water Pollution Control Administration, 4676 Columbia Parkway, Cincinnati, OH 45226
- 14407 9. Cost and performance estimates for tertiary wastewater treating processes [with list of references]; by Robert Smith [and] Walter F. McMichael. June 1969. [2] leaves+27 p. il. 4° (Advanced Waste Treatment Research Laboratory.) † Office of Information, Ohio Basin Region, Federal Water Pollution Control Administration, 4676 Columbia Parkway, Cincinnati, OH 45226
- 14408 10. Mathematical model of sewage sludge fluidized bed incinerator capacities and costs [with bibliographies]; by G. J. Ducar and P. Levin. Sept. 1969. v+72 p. il. 2 tab. 4° (Advanced Waste Treatment Laboratory.) [Submitted in fulfillment of contract 14-12-415 by General American Transportation Corporation. Some pages printed as leaves.] † Office of Information, Ohio Basin Region, Federal Water Pollution Control Administration, 4676 Columbia Parkway, Cincinnati, OH 45226
- 14409 Selected summaries of water research. May 1970. 3 p. 4° (Research and Development, Robert A. Taft Water Research Center, Cincinnati, Ohio.) † I 67.12:970/1

Water pollution control research series.

I 67.13/4:(nos.)

- 14410 12000-08/69. Projects [of] Industrial Pollution Control Branch. Aug. 1969. iii+167 p. il. 4° (Division of Applied Science and Technology, Office of Research & Development.) †
- 14411 14010 DYK 03/70. Treatment of acid mine drainage by reverse osmosis [with bibliography]; by Rex Chainbelt, Inc., Milwaukee, Wisc. Mar. 1970. [4]+35+[2] p. il. 4° (FWPCA grant 14010 KYK.) [Prepared for Federal Water Quality Administration and for Commonwealth of Pennsylvania, Department of Mines and Mineral Industries, Harrisburg, Pa.] \* Paper, 55c. ● Item 473-A-1
- 14412 15080 DJO 5/70. Oil tagging system study [with list of references]; by Research Division, Environmental and Applied Sciences Center, MELPAR, American Standard Company. May 1970. viii+116+[2] p. il. 4° contract 14-12-500, Melpar ref. 9059.) \* Paper, \$1.50. ● Item 473-A-1
- 14413 16050 FGS 07/70. Interrelation of carbon and phosphorus in regulating heterotrophic and autotrophic populations in aquatic ecosystems [with list of references]; by Pat C. Kerr, Doris F. Paris, and D. L. Brockway. [1970.] [1]+v+53 p. il. 4° (Southeast Water Laboratory, National Pollutants Fate Research Program, Athens, Ga.) \* Paper, 60c. ● Item 473-A-7
- 14414 17020 DNQ 09/69. Study of powdered carbons for waste water treatment and methods for their application [with list of references]; by West Virginia Pulp and Paper Company, Covington, W. Va. Sept. 1969. [4]+34 p. il. 4° (Contract 14-12-75.) †
- 14415 17070 DJW 11/69. State of art review on product recovery [with list of references]; by Resource Engineering Associates, Wilton, Conn. Nov. 1969. xv+95 p. il. 4° (Contract 14-12-495.) †
- 14416 DAST-4. Crazed resin filtration of combined sewer overflows, self-adjusting and self cleaning filter feasibility study [with list of references]; by Hercules Incorporated, Allegheny Ballistics Laboratory. Oct. 1968. x+78+A36 p. il. 4° (Contract 14-12-39.) [This publication has been redesignated 11020-10/69 by the Administration.] †
- 14417 DAST-9. Reduction of ground-water infiltration into sewers by zone pumping at Meridian, Idaho. June 1969. vi+28+[1] p. il. 1 pl. 4° (Grant 29-IDA-2.) [This publication has been redesignated 11020-06/69 by the Administration.] †
- 14418 DAST-13. Design of combined sewer fluidic regulator, development of basic configurations and design criteria for applications of fluidics in sewer regulators; by Bowles Engineering Corporation. Oct. 1969. xlii+137+[1] p. il. 4° (Program 11024 DGZ, contract 14-12-486.) [This publication has been redesignated 11020DGZ 10/69 by the Administration.] † L.C. card 75-609141
- 14419 Water quality in submarine basins off southern California [with bibliography]. Nov. 1968. [2]+ii+31 p. il. 4° (Pacific Southwest Region.) † L.C. card 72-608966 I 67.2: Su 1

\*For Sale by Superintendent of Documents

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FINE ARTS COMMISSION  
Washington, DC 20240

## Historic American Buildings Survey selections.

- 14420 6. Georgetown architecture, northwest, northwest Washington, District of Columbia [with lists of references]. viii+661 p. il. 4° † ● Item 648-B  
L.C. card 71-608955 I 29.74 : G 29/5

FISH AND WILDLIFE SERVICE, Interior Dept.  
Washington, DC 20240

- 14421 Anadromous fish resources, their conservation, development, enhancement. Mar. 1970. iv+28 p. il. 4° (Commercial Fisheries Bureau; Sport Fisheries and Wildlife Bureau.) \* Paper, 40c. ● Item 612  
L.C. card 78-608682 I 49.2: An 1
- 14422 — [supplement]. July 1970. [3]+19 p. 4° (Commercial Fisheries Bureau; Sport Fisheries and Wildlife Bureau.) † ● Item 612  
L.C. card 78-608682 I 49.2: An 1/supp.970

FOOD AND DRUG ADMINISTRATION, Health, Education, and  
Welfare Dept., Washington, DC 20201

- 14423 Poison control statistics, 1969. [1970.] [669] p. 4° ([National Clearinghouse for Poison Control Centers.]) †  
HE 20.4019 : 969

FOREIGN AGRICULTURAL SERVICE, Agriculture Dept.  
Washington, DC 20250

## [Foreign Agricultural Service miscellaneous], FAS M (series).

- 14424 154. Cotton in Central America; [by Vernon L. Harness and Robert D. Pugh]. Revised Aug. 1970. [1970.] cover title, iv+28 p. il. 4° ([Cotton Division.]) [Prepared in cooperation with Cotton Council International.] †  
L.C. card 76-608829 A 67.26 : 154/2

FOREST SERVICE, Agriculture Dept.  
Washington, DC 20250

- 14425 American woods: Balsam fir [with list of references; by David L. Sonderman]. [Revised July 1970.] [1970.] 8 p. il. 4° (FS-234.) [Issued with perforations.] † ● Item 80-A  
A 13.81 : F 51/4/970
- 14426 Annotated list of publications of Pacific Northwest Forest and Range Experiment Station, 1969. Portland, Oreg., 1970. cover title, 10 p. 4° [Contents on p. 2 of cover.] †  
L.C. card 74-600809 A 13.66/15 : P 96/969
- 14427 Bullards Bar Recreation Area. [1970.] [2] p. il. oblong 8°, folded into narrow 8° size. (California [region].) †  
A 13.13 : B 87
- 14428 [Cooperative forest fire control, program financing], Federal allotments to States for forest fire cooperation, under sec. 2, Clarke-McNary law, act of June 7, 1924 (43 Stat. 653), cooperative financing allotments, f.y. 1971, preliminary allotments, 50 States; prepared by Division of Cooperative Fire Control. Aug. 1970. 1 p. 4° (3130.) † A 13.2: F 51/49/971/prelim.
- 14429 Directions for treatment of cross sections of green logs and limbwood to prevent splitting and checking. Feb. 1970. 4 p. 4° (70-006; [Forest Products Laboratory, Madison, Wis.]) †  
A 13.27/2 : L 82/3
- 14430 Eleven Point River. [1970.] [15] p. il. 4° (Mark Twain National Forest, [Springfield, Mo.]) [Some illustrations are colored.] † A 13.13 : E1 2/5
- Engineering technical information system: Technical report ETR (series).
- 14431 7700-5. Fish versus culverts, some considerations for resource managers [with list of references]; by Howard E. Metsker. July 1970. iv+19 p. il. 4°  
† Technical Information Center, Division of Engineering, USDA Forest Service, Washington, DC 20250. A 13.84 : 7700-5

# GOVERNMENT PUBLICATIONS

- 14432 Equip tips: Edson model 117A lever-action hand pump for chemical toilet servicing, May 1970. 3 p. il. 4° (ED&T 1423; Equipment Development Center, San Dimas, Calif.) [Issued with perforations.] ‡  
A 13.40/4-2: Ed 7
- 14433 — Multi-hitch trailer coupling, May 1970. 1 p. il. 4° (7100; Equipment Development Center, Missoula, Mont.) [Issued with perforations.] ‡  
A 13.49/4-2: C 83
- Equipment development and test report [ED&T] (series.) ‡  
A 13.40/4: (nos.)
- 14434 7400-4. Aerofeed hypochlorinator, series WF, evaluation, May 1970. [3] + 1 + 17 p. il. 4° (ED&T project 1546; Equipment Development Center, San Dimas, Calif.) [Issued with perforations.] ‡
- 14435 7700-2. Evaluation of Morrison trailblazer, Apr. 1970. [1] + vi + 15 p. il. 4° (Equipment Development Center, Missoula, Mont.)
- 14436 Fire control notes, [quarterly periodical devoted to forest fire control], index, author-subject, 1964-69. July 1970. 12 p. 4° ‡ ● Item 82  
L.C. card Agr 37-16 A 13.32: 25-30/Ind.
- 14437 Forest atlas of the South. 1969. cover title, 27 p. il. map in pocket, oblong large 8° (Southern Forest Experiment Station, New Orleans, La., and Southeastern Forest Experiment Station, Asheville, N.C.) [Some illustration are colored.] ‡  
L.C. card 77-653801 A 13.40/2: At 6
- 14438 Forest insect conditions in United States, 1969. [July 1970.] vi + 40 p. il. 4° ‡ ● Item 82-B A 13.52/2: 969
- Forest pest leaflets. ● Item 82.A A 13.52: (nos.)
- 14439 5. Douglas-fir beetle [with list of references; by] M. M. Furniss and P. W. Orr. Revised July 1970. [1970.] 4 p. il. \* Paper, 10c.
- 14440 27. Southern cone rust [with list of references; by] George H. Hepting and Frederick R. Matthews. Revised July 1970. [1970.] 4 p. il. ‡
- 14441 47. Sitka-spruce weevil [with list of references; by] Kenneth H. Wright. Revised July 1970. [1970.] 4 p. il. ‡
- 14442 68. Eastern subterranean termite; [by] V. K. Smith, jr., and H. R. Johnston. Revised June 1970. [1970.] 8 p. il. ‡
- 14443 75. Beech bark disease [with list of references; by] Alex L. Shigo. Revised 1970. [1970.] 8 p. il. ‡
- 14444 76. Annosus root rot in eastern pines [with list of references; by] H. R. Powers, jr., and C. S. Hodges, jr. Revised June 1970. [1970.] 8 p. il. ‡ 82-A
- 14445 79. Sweetfern rust on hard pines [with list of references; by] Gerald W. Anderson. Revised July 1970. [1970.] 6 p. il. ‡
- 14446 85. Walnut anthracnose [with references; by] Frederick H. Berry. Revised July 1970. [1970.] 4 p. il. ‡
- 14447 Forest waters, [George Washington National Forest]. [1970.] [8] p. il. narrow 8° ([Southern region.]) ‡ A 13.13: F 76
- 14448 French Meadows, Hell Hole Recreation Areas, [San Francisco, 1970.] p. il. narrow f°, folded into oblong 48° size. ‡ A 13.13: F 88
- 14449 Garden of the Gods Recreation Area. [1970.] [4] p. il. narrow 8° (Shawnee National Forest.) ‡ A 13.13: G 16
- 14450 Hoosier National Forest. [1970.] [2] p. il. oblong f° folded into narrow 8° size. [Illustrations are colored.] ‡ A 13.13: H 76
- 14451 National forest timber sale accomplishments for fiscal year 1969. Mar. 20, 1970. 2 + [3] p. 4° ‡  
L.C. card 63-62582 A 13.2: T 48/40/969
- 14452 National forests, fire report, 1969. [1970.] [1] + 7 + [17] p. il. 4° ‡  
L.C. card 58-27777 A 13.32/3: 969
- 14453 National forests in Pacific Northwest, 1969. [1970.] cover title, 32 p. il. 4° ([Pacific Northwest Region (R-6).]) [Text, illustrations, and map on p. 2-4 of cover.] ‡  
L.C. card 68-60818 A 13.13/2: P 11/969
- 14454 Olympic National Forest, 1969. [1969.] cover title, [12] p. il. 4° [Text on p. 2-4 of cover.] ‡ A 13.13/2: OI 9/969

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- 14455 Organization and management systems in Forest Service, summary from manual. Revised July 1970. [1970.] iii+79 p. il. 4° ([FS-35.]) \* Paper, 75c. ● Item 86-C A 13.36/2: Or 3/970
- 14456 Pacific Crest National Scenic Trail, Oreg. 1970. [2] p. il. oblong f° folded into 8° size. (Pacific Northwest Region.) † A 13.13: P 11/970
- 14457 Proceedings of 6th Central States Forest Tree Improvement Conference, Oct. 16-18, 1969, Carbondale, Ill. and St. Louis, Mo., ornamental tree and shrub improvement, forester's role [articles, lists of literature cited]; editor, David T. Funk. [1970.] [3]+62 p. il. 4° [Published in cooperation with North Central Forest Experiment Station, St. Paul, Minn. and Forestry Department, School of Agriculture, Southern Illinois University, Carbondale, Ill.] † L.C. card 76-607079 A 13.2: C 33
- Research note FPL-(series). (Forest Products Laboratory, Madison, Wis.)
- 14458 FPL-0125. Wood finishing, blistering, peeling, and cracking of house paints from moisture; by Forest Products Laboratory. May 1970. 7 p. 4° † A 13.79: FPL-0125
- Research note NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.)
- 14459 NE-114. Germinating pokeberry seed (*Phytolacca americana* L.); [by Arnold Krochmal]. [1970.] 4 p. il. † A 13.79: NE-114
- Research note PNW (series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.)
- 14460 PNW-119. Preliminary site index curves for noble fir from stem analysis data [with list of literature cited]; by Donald J. DeMars, Francis R. Herman and John F. Bell. May 1970. 9 p. 4° † A 13.79: PNW-119
- Research note PSW-(series). (Pacific Southwest Forest and Range Experiment Station, Berkeley, Calif.)
- 14461 PSW-58. Natural regeneration of white and red fir influence of several factors [with list of literature cited; by] Donald T. Gordon. 1970. [2]+32 p. il. 4° [Abstract cards inserted.] † L.C. card 70-608716 A 13.79: PSW-58
- Research note RM-(series). (Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colo.) † A 13.79: RM-(nos.)
- 14462 RM-114. Transmitter for tracking wildlife; by David R. Patton [and others]. 1968, revised 1970. [1970.] 4 p. il. 4°
- 14463 RM-167. Lindane spray effective against mountain pine beetle in Rocky Mountains [with list of literature cited]; by Robert E. Stevens and James C. Mitchell. 1970. 4 p. il. 4°
- Research paper FPL-(series). (Forest Products Laboratory, Madison, Wis.) † A 13.78: FPL-(nos.)
- 14464 FPL-130. Thermal degradation of wood components, review of literature [and with list of literature cited; by F. C. Beall and H. W. Eickner]. May 1970. cover title, 26 p. il. 4° [Summary and table of contents on p. 2 of cover. Accompanied by abstract cards.] L.C. card 72-609064
- 14465 FPL-131. Measuring shrinkage in handsheets during drying [with list of literature cited; by Gary C. Myers]. May 1970. cover title, 14 p. il. 4° [Text on p. 2 of cover. Accompanied by abstract cards.]
- 14466 FPL-134. Tables for developing nonparametric estimates of near-minimum property values; [by B. A. Bendtsen and Fred Rattner]. Apr. 1970. cover title, 13 p. 4° [Abstract on p. 2 of cover and p. 13 on p. 3 of cover. Accompanied by abstract cards.]
- 14467 FPL-135. Buckling coefficients for simply supported, flat, rectangular sandwich panels under biaxial compression; [by Edward K. Kuenzi]. Apr. 1970. cover title, 18 p. il. 4° [Text on p. 2 of cover. Accompanied by abstract cards. Prepared in cooperation with MIL-HDBK-23 working group on composite construction for aerospace vehicles, Air Force, Navy, and Commerce Depts.]
- 14468 FPL-136. Cushioning performance of multilayer corrugated fiberboard pads loaded at center only; [by C. A. Jordan]. June 1970. cover title, 13 p. il. 4° [Page 13, last page of text, appears on p. 3 of cover. Text on p. 2 of cover. Accompanied by abstract cards.]
- 14469 FPL-138. Tensile strength of finger joints in pith-associated and non-pith-associated southern pine 2 by 6 s [with list of literature cited; by R. C. Moody]. Apr. 1970. cover title, 20 p. il. 4° [Abstract on p. 2 of cover. Accompanied by abstract cards.]

# GOVERNMENT PUBLICATIONS

Research paper ITF--(series). Institute of Tropical Forestry, Rio Piedra, P.R.)

- 14470 ITF-10. Preservative treatments and service life of fence posts in Puerto Rico (1969 progress report) [with list of literature cited]; by M. Chudnof. R. S. Boone, and E. Goytia. Dec. 1969. 30 p. il. 4° [Summary in Spanish on p. 2 of cover. Accompanied by abstract cards.] †  
A 13.78 : ITF-10

Research paper NC--(series). (North Central Forest Experiment Station, St. Paul, Minn.)

- 14471 NC-36. Biological growth functions describe published site index curves for Lake States timber species; [by] Allen L. Lundgren, William A. Dolid. 1970. cover title, 9 p. il. 4° [Includes text, and list of literature cited p. 9 of text on p. 2-3 of cover. Abstract cards inserted.] † A 13.78 : NC-36  
L.C. card 75-608720

Research paper NE--(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.) † A 13.78 : NE--(nos.)

- 14472 NE-155. Experimental planting of 14 tree species on Pennsylvania's anthracite strip-mine spoils [with list of literature cited]; by Miroslaw M. Czapowskyj. 1970. cover title, [1]+18 p. il. [Text on p. 2 of cover. Abstract cards inserted.]  
14473 NE-158. Erosion control on logging roads in Appalachians [with list of references]; by James N. Kochenderfer. 1970. cover title, [1]+28 p. il. [Text on p. 2-3 of cover.]

Research paper PNW--(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.) † A 13.78 : PNW--(nos.)

- 14474 PNW-89. Timber flows and utilization patterns in Douglas-fir region, 1966; [by] John W. Austin. 1969. cover title, il+89+[1] p. il. 4°  
14475 PNW-97. Slash fire atmospheric pollution [with list of references]; by Leo Britschen [and others]. 1970. cover title, [5]+42 p. il. 4° [Text on p. 2 of cover. Abstract cards attached.]  
14476 PNW-99. Two keys for appraising forest fire fuels [with list of literature cited; by] George R. Fahnestock. 1970. cover title, [1]+26+[1] p. il. 4° [Text on p. 2 of cover. Illustrations are colored.]  
14477 PNW-101. New and easier way to estimate quality of inland Douglas-fir sawtimber; by Paul H. Lane, Marlin E. Plank, and John W. Henley. 1970. cover title, 1+9+[1] p. il. 4°

Research paper RM--(series). (Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colo.)

- 14478 RM-56. Effects of tree and sawyer factors on costs of felling large alligator junipers [with list of literature cited]; by Robert L. Miller and Thomas N. Johnsen, jr., July 1970. [2]+8+[1] p. il. 4° †  
A 13.78 : RM-56

Research paper SE--(series). (Southeastern Forest Experiment Station, Asheville, N.C.)

- 14479 SE-59. Some applications of principle of conditional error [with list of literature cited]; by Benee F. Swindel. May 1970. cover title, 48 p. 4° [Abstract cards on p. 3 of cover.] †  
A 13.78 : SE-59

Research paper SO--(series). (Southern Forest Experiment Station, New Orleans, La.) † A 13.78 : 50--(nos.)

- 14480 SO-47. Identifying juvenile seedlings in southern hardwood forests [with list of references; by] Louis C. Maisenhelder. 1969. cover title, il+77 p. il. 4° [Abstract cards inserted.]  
14481 SO-50. Establishment and early care of sycamore plantations [with list of literature cited; by] C. B. Briscoe. 1969. cover title, [2]+18 p. il. 4° [Abstract cards inserted. Insert, Sycamore seed characteristics table, was also issued.]

Resource bulletin NC--(series). (North Central Forest Experiment Station, St. Paul, Minn.)

- 14482 NC 9. Growing timber resource of Michigan, 1966; by Clarence D. Chase, Ray E. Pfeifer, and John S. Spencer, jr. 1970. [2]+62 p. il. 4° [Text, colored map and list of previous reports on Michigan's timber resource on p. 2-4 of cover. Abstract cards inserted.] †  
L.C. card 74-608874 A 13.80 : NC-9

Resource bulletin NE--(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.) † A 13.80 : NE--(nos.)

- 14483 NE-19. Timber resources of Ohio [with selected bibliography for timber management; by Neal P. Kingsley and Carl E. Mayer]. 1970. cover title, [2]+137 p. il. Text on p. 2-3 of cover. One map is colored. Accompanied by abstract cards.]  
L.C. card 78-608946

\*For Sale by Superintendent of Documents  
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- 14484 NE-21. Veneer industry in Northeast, 5-year updating of data on veneer-log production and receipts; by James T. Bones and David R. Dickson. cover title, [1]+17 p. il. [Abstract cards inserted.]  
L.C. card 79-609063

Resource bulletin SO-(series). (Southern Forest Experiment Station, New Orleans, La.)

- 14485 SO-20. Forest statistics for Delta and Ouachita regions of Arkansas; [by] Arnold Hedlund and J. M. Earles. 1969. cover title, 12 p. il. 4° [Text and illustration on p. 2 of cover. Abstract cards inserted.] ‡  
A 13.80: SO-20

- 14486 Single-span skyline timber volume survey, Pacific Northwest region. [1970.] cover title, [8] p. il. oblong 8° [Text and map on p. 3 of cover.] ‡  
A 13.2: T 48/39

- 14487 Siskiyou, 1969, national wild & scenic river forest, stockholders report. Siskiyou National Forest. [1970.] cover title, 18 p. il. 4° [Page 1 and p. 18 printed on inside of front and back cover.] ‡ A 13.13/2: Si 8/969

- 14488 Southern States and Forest Service cooperating for trees and forests in crowded world of tomorrow. [1970.] [15] p. il. 4° ‡ A 13.2: T 71/25

- 14489 Toiyabe National Forest, Carson Ranger District. [1970.] 1 sheet (with map on verso) il. oblong f° folded into narrow large 8° size [Map content is current as of Apr. 1969, compiled at Regional Office, Ogden, Utah and is colored.] ‡  
A 13.13: T 57

- 14490 Willamette, 1969, annual public report of Willamette National Forest, trends in management of Douglas-fir forest. [1969.] cover title, 24 p. il. 4° [Text and illustration on p. 2-4 of cover.] ‡ A 13.13/2: W 66/969

#### GENERAL ACCOUNTING OFFICE Washington, DC 20548

- 14491 Report to Congress: Action required to improve Department of Defense career program for procurement personnel; by Comptroller General of United States. Aug. 13, 1970. [B-164682.] cover title, [10]+62 p. 4° ‡ Paper, \$1.00.  
L.C. card 71-608817 GA 1.13: D 36/7

- 14492 — Actions taken or planned to improve use of cargo space on aircraft operated under contract with Department of Defense; by Comptroller General of United States. Aug. 19, 1970. cover title, [8]+49 p. il. 4° (B-133025.) ‡ Paper, \$1.00.  
L.C. card 79-608819 GA 1.13: Ai 7/97

- 14493 — Assurances needed that cost of Celilo-Mead Transmission line project will be recovered, Interior Dept.; by Comptroller General of United States. Aug. 5, 1970. cover title, [1]+4+[1]+32 p. il. 4 (B-164064.) ‡ Paper, \$1.00.  
L.C. card 74-608472 GA 1.13: C 33

- 14494 — Audit of financial statements of Federal home loan banks supervised by Federal Home Loan Bank Board for year ended Dec. 31, 1969; by Comptroller General of United States. Aug. 10, 1970. cover title, [5]+20. p. 4° (B-114827.) ‡ Paper, \$1.00.  
L.C. card 66-62274 GA 1.13: F 31/18/969

- 14495 — Audit of financial statements of St. Lawrence Seaway Development Corporation, calendar year 1969, Department of Transportation; by Comptroller General of United States. Aug. 26, 1970. (B-125007.) cover title, [6]+23 p. 4° (B-125007.) ‡ Paper, \$1.00. GA 1.13: Sa 2/2/969

- 14496 — Construction costs for certain Federally financed housing projects increased due to inappropriate minimum wage rate determinations, Department of Labor; by Comptroller General of United States. Aug. 12, 1970. cover title, [8]+61 p. il. 4° (B-146842.) ‡ Paper, \$1.00.  
L.C. card 74-608815 GA 1.13: H 81/40

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

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# GOVERNMENT PUBLICATIONS

- 14497 — Continuing problems in providing nursing home care and prescribed drugs under medicaid program in California, Social and Rehabilitation Service, Department of Health, Education, and Welfare; by Comptroller General of United States. Aug. 26, 1970. cover title, [8]+59 p. 4° (B-164031 (3).) † Paper, \$1.00.  
L.C. card 76-608723 GA 1.13 : N 93/5
- 14498 — Examination of financial statements of Federal Home Loan Bank Board for year ended Dec. 31, 1969; by Comptroller General of United States. Sept. 2, 1970. cover title, [5]+17 p. 4° (B-114827.) † Paper, \$1.00.  
L.C. card 79-602168 GA 1.13 : F 31/19/969
- 14499 — High turnover of managers directing major research and development projects, Department of Army; by Comptroller General of United States. Aug. 31, 1970. cover title, [1]+3+[2]+36 p. 4° (B-167412.) † Paper, \$1.00.  
L.C. card 76-608707 GA 1.13 : M 31/7
- 14500 — Improved accounting control over equipment at Kennedy Space Center, National Aeronautics and Space Administration; by Comptroller General of United States. Aug. 11, 1970. cover title, [8]+41 p. il. 4° (B-169658) † Paper, \$1.00.  
L.C. card 74-608744 GA 1.13 : K 38/2
- 14501 — Improvements needed in determining graduate education requirements for military officer positions, Department of Defense; by Comptroller General of United States. Aug. 28, 1970. cover title, [1]+3+[2]+42 p. 4° (B-165558.) † Paper, \$1.00.  
L.C. card 70-608708 GA 1.13 : G 75
- 14502 — Improvements needed in Federal Aviation Administration procedures for determining excess spare parts, Department of Transportation; by Comptroller General of United States. July 22, 1970. cover title, [5]+25 p. 4° (B-164497 (1).) † Paper, \$1.00.  
L.C. card 78-608264 GA 1.13 : Sp 2/25
- 14503 — Improvements needed in financial management system of Trust Territory of Pacific Islands, Department of Interior; by Comptroller General of United States. June 26, 1970. cover title, [1]+4+[2]+53 p. 4° (B-114888.) † Paper, \$1.00.  
L.C. card 73-608855 GA 1.13 : T 77/2
- 14504 — Improvements needed in reclaiming usable parts from excess aircraft, Department of Defense; by Comptroller General of United States. Aug. 6, 1970. cover title, [7]+26 p. 4° (B-157373.) † Paper, \$1.00.  
L.C. card 70-608743 GA 1.13 : Ai 7/96
- 14505 — Need for improved operation and maintenance of municipal waste treatment plants, Federal Water Quality Administration, Department of Interior; by Comptroller General of United States. Sept. 1, 1970. cover title, [1]+3+[3]+98 p. il. 4° (B-166506.) † Paper, \$1.00.  
L.C. card 70-608854 GA 1.13 : W 28/3
- 14506 — Need for improving program for use and redistribution of excess materiel in Pacific area, Department of Defense; by Comptroller General of United States. Aug. 14, 1970. cover title, [8]+37 p. 4° (B-169427.) † Paper, \$1.00.  
L.C. card 72-608852 GA 1.13 : M 41/11
- 14507 — Need to improve effectiveness of contractor procurement system reviews, Department of Defense, National Aeronautics and Space Administration; by Comptroller General of United States. Aug. 18, 1970. cover title, [8]+38 p. 4° (B-169434.) † Paper, \$1.00.  
L.C. card 79-608851 GA 1.13 : C 76/28

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- 14508 — Need to strengthen concrete inspections and testing requirements in construction of low-rent public housing projects, Department of Housing and Urban Development; by Comptroller General of United States. March 24, 1970. cover title, [7]+31 p. 4° (B-118718.) † Paper, \$1.00. L.C. card 71-606741 GA 1.13: H 81/48
- 14509 — Opportunity for accelerating construction and reducing cost of low-rent housing, Department of Housing and Urban Development; by Comptroller General of United States. Aug. 4, 1970. cover title, [7]+40 p. 4° (B-114863.) † Paper, \$1.00. L.C. card 71-608746 GA 1.13: H 81/50
- 14510 — Opportunity for Coast Guard to reduce cost of vessel construction by not requiring shipbuilders to buy insurance and performance and payment bonds, Department of Transportation; by Comptroller General of United States. Aug. 12, 1970. cover title, [5]+20 p. 4° (B-114851.) † Paper, \$1.00. L.C. card 70-608814 GA 1.13: V 63/6
- 14511 — Progress and problems in U.S. aid to economic unification of Central America, Department of State, Agency for International Development; by Comptroller General of United States. Aug. 13, 1970. cover title, [9]+82 p. 4° (B-169350.) † Paper, \$1.00. L.C. card 70-608881 GA 1.13: C 33/2
- 14512 — Providing rent-free space in Government-owned buildings to Office of Comptroller of Currency, Department of Treasury; by Comptroller General of United States. Aug. 24, 1970. cover title, 5 p. 4° (B-168904.) † Paper, \$1.00. L.C. card 78-608816 GA 1.13: G 74/5
- 14513 — Questionable waivers of preaward audits of contractors' noncompetitive price proposals, Defense Dept.; by Comptroller General of United States. Aug. 3, 1970. cover title [1]+4+[2]+43 p. 4° (B-39995.) † Paper, \$1.00. L.C. card 72-608469 GA 1.13: Au 2/8
- 14514 — Reduction of cost by improving management of Department of Defense vehicle maintenance in Europe; by Comptroller General of United States. Aug. 11, 1970. cover title, [8]+48 p. 4° (B-133244.) † Paper, \$1.00. L.C. card 78-608745 GA 1.13: V 53/14
- 14515 — Status of development of joint uniform military pay system, Department of Defense; by Comptroller General of United States. Aug. 17, 1970. cover title, [8]+38 p. 4° (B-159797.) † Paper, \$1.00. L.C. card 76-608853 GA 1.13: M 59/29
- 14516 — Survey of use of advertised contracting in military construction, Department of Defense. Aug. 18, 1970. cover title, [5]+29 p. 4° (B-133316.) † Paper, \$1.00. L.C. card 75-608818 GA 1.13: C 76/29

**GEOGRAPHIC NAMES BOARD, Interior Dept.**  
Washington, DC 20240

Gazetteer.

- 14517 42. U.S.S.R., v. 1, A-R, official standards names approved by United States Board on Geographic Names, 2d edition. June 1970. [2]+ix+715 p. 11 oblong 8° [Prepared in Geographic Names Division, U.S. Army Topographic Command.] † Army Topographic Command 6500 Brooks Lane, Washington, DC 20315, Attn: Geographic Names Division, 53600 ● Item 617 L.C. card 78-608761 I 33.8: 42/2/v.1

**GEOLOGICAL SURVEY, Interior Dept.**  
Washington, DC 20242

Bulletins. ● Item 620

I 19.3: (nos.)

- 14518 1266. Bibliography of North American geology, 1966: [by James W. Clarke and others]. 1970. xi+1069 p. \* Paper, \$4.75. L.C. card G89-427

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# GOVERNMENT PUBLICATIONS

## Bulletins—Continued

- 14519 1267. Bibliography of North American geology, 1967. 1970. xxxx+1029 p. \* Paper, \$4.25.  
L.C. card G89-427
- 14520 1285. Geology of Sycamore Flat and Paraiso Springs quadrangles, Monterey County, Calif. [with list of references]; by David L. Durham. 1970. iv+34 p. il. 4 pl. in pocket. [Study of stratigraphy and structure of Cenozoic sedimentary rocks in part of Salinas Valley. 3 plates are colored.] \* Paper, \$2.00.  
L.C. card 73-605400
- 14521 1311-A. Quaternary geology of Long and Bear Valleys, west-central Idaho [with list of references cited]; by Dwight L. Schmidt and J. Hoover Mackin. 1970. iii+22 p. il. 2 pl. [Prepared on behalf of U.S. Atomic Energy Commission. Late Cenozoic basin-and-range type faulting and late Quaternary mountain-valley glaciation controlled origin and distribution of radioactive placer deposits containing monazite and euxenite. Contributions to general geology. Plates are colored.] \* Paper, \$1.00.  
L.C. card 76-608888
- 14522 1312-H. Geology, mineral deposits, and geochemical and radiometric anomalies, Serpentine Hot Springs area, Seward Peninsula, Alaska [with list of references cited]; by C. L. Sainsburg [and others]. 1970. iii+19 p. il. 2 pl. in pocket [Description of mineralized faults and veins near granite stock of Serpentine Hot Springs and geochemical and radiometric methods used to find them. Contributions to economic geology. One plate is colored.] \* Paper, \$1.00.  
L.C. card 73-608315
- 14523 1313 B. Geometric factors of bipole-dipole arrays [with list of references cited]; by Adel A. R. Zohdy. 1970. iv+26 p. il. [Nomograms, curves, and tables simplify evaluation of geometric factors of azimuthal, perpendicular, and parallel bipole-dipole electrode arrangements for measuring electrical resistivities of the earth. New techniques in direct-current resistivity exploration.] \* Paper, 25c.  
L.C. card 73-607298
- 14524 1319-C. Mineral resources of Gore Range-Eagles Nest primitive area and vicinity, Summit and Eagle Counties, Colo. [with list of references cited]; by Ogden Tweto, Bruce Bryant, and Frank E. Williams. 1970. xi+127 p. il. 2 pl. in pocket. [Evaluation of mineral potential of area. Studies related to wilderness-primitive areas.] \* Paper, \$1.50.  
L.C. card 78-607129
- 14525 1319-D. Mineral resources of Sawtooth Primitive Area, Idaho [with list of references]; by Thor H. Killsgaard, Val L. Freeman and Joseph S. Coffman. 1970. ix+174 p. 2 pl. in pocket. [Evaluation of mineral potential of area. Studies related to wilderness-primitive areas.] \* Paper, \$1.75.  
L.C. card 79-607357

## Circular.

- 14526 601-E. Sediment problems in urban areas [with list of references cited]; by Harold P. Guy. 1970. v+8 p. il. 4° [Water in urban environment.] †  
● Item 620-A  
L.C. card 76-608861 I 19.4/2: 601-E
- 14527 Floods in upper Des Moines River basin, Iowa; by Harlan H. Schwob. Iowa City, Iowa, Apr. 1970. iv+49 p. il. 4° (Water Resources Division.) [Open-file report; prepared in cooperation with Iowa State Highway Commission. Some pages are issued as leaves. P. 30 is intentionally omitted.] † I 19.2: D 45
- 14528 Floods of Apr.-May 1969 in upper Midwestern United States [with list of references cited]; by David B. Anderson and Harlan H. Schwob. St. Paul, Minn. Feb. 1970. vi+555 p. il. 4° (Water Resources Division.) [Open-file report.] † I 19.2: M 58/3/969
- 14529 Hydrology of 4 streams in western Washington as related to several Pacific salmon species [with list of references]; by M. R. Collings, Ronald W. Smith, and G. T. Higgins. Tacoma, Wash., 1970. xi+158 p. il. 4° (Water Resources Division.) [Open-file report. Prepared in cooperation with Washington State Department of Fisheries.] † I 19.2: W 27
- 14530 Investigation of water supply near Enrico, N. Mex. in relation to nearby high energy detonations [with list of references]; by F. C. Koopman, J. A. Basler, and E. G. Lappala, May 1970. 43 leaves il. 4° [Prepared in cooperation with Air Force Weapons Laboratory (WLCD-D), Kirkland Air Force Base, N. Mex. Open-file report.] † I 19.2: En 1

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- 14531 National hydrologic data system for Chile, report on progress toward design and development of water-data system achieved during 3-months tour of duty, with recommendations for continued activity; by William W. Doyel and Marshall E. Moss. Santiago, Chile, Nov. 1969. [5] + 141 p. 4° [Prepared in cooperation with Government of Chile under auspices of U.S. Agency for International Development. Some sections are in Spanish.] ‡ I 19.2: C 43
- 14532 National reference list of water quality stations, water year 1970. [Jan. 1970.] cover title, vi+701 p. oblong 12° ([Date Reports Unit, Reports Section, Office of Assistant Chief for Reports and Data Processing], Water Resources Division.) ‡ L.C. card 78-608962 I 19.53/3: 970
- 14533 New reports by Geological Survey about water in Pacific Northwest. Aug. 7, 1970. 1 p. 4° (NW Water Resources Data Center, Water Resources Division, Portland, Oreg.) [Issued with perforations.] ‡ I 19.14/2: W 29/10/970-2
- Professional papers. ● Item 624 I 19.16: (nos.)
- 14534 306-D. Geology and paleontology of Canal Zone and adjoining parts of Panama: Description of Tertiary mollusks (gastropods, eulimidae, marginitellidae to helminthoglyptidae) [with list of references cited]; by W. P. Woodring. 1970. iii+299+452+[1] p. il. 19 p. of pl. 4° [Contributions to Panama land bridges.] \* Paper, \$2.25. L.C. card 70-608889
- 14535 620. Upper Precambrian and Lower Cambrian strata in southern Great Basin, Calif. and Nev. [with list of references cited]; by John H. Stewart. 1970. v+206 p. il. 3 pl. in pocket, 4° [Stratigraphy and origin of thick upper Precambrian and Lower Cambrian detrital rocks that constitute initial deposits of Cordilleran geosyncline.] \* Paper, \$3.00. L.C. card 74-604126
- 14536 627-D. Urbanization and its effects on temperature of streams on Long Island, N.Y. [with list of references cited]; by Edward J. Pulhowski. 1970. v+110 p. il. 4° [Thermal patterns of five streams on Long Island, N.Y. are defined and analyzed. Hydrology and some effects of urbanization on Long Island, N.Y.] \* Paper, \$1.25. L.C. card 73-607326
- 14537 641-B. Gneissic and igneous rocks of Quadrilátero Ferrífero, Minas Gerais, Brazil [with list of references cited]; by Norman Herz. 1970. iv+58 p. il. pl. in pocket 4° [Prepared in cooperation with Departamento Nacional da Producao Mineral of Brazil under auspices of Agency for International Development of U.S. Department of State. Study of age, composition, and origin of Precambrian igneous and ultrametamorphic rocks in Brazilian shield. Regional geology of Quadrilátero Ferrífero, Minas Gerais, Brazil.] \* Paper, \$1.00. L.C. card 72-606937
- 14538 700-C. Geological Survey, research, 1970 chap. C [articles with lists of references]. 1970. v+251 p. il. 4° [Scientific notes and summaries of investigations in geology, hydrology, and related fields.] \* Paper, \$3.25. L.C. card 68-46150
- 14539 Raft River basin, Idaho-Utah, as of 1966, reappraisal of water resources and effects of ground-water development [with list of references cited]; by E. H. Walker [and others]. Boise, Idaho, Apr. 1970. vi+116 p. il. 9 maps in pocket, 4° (Water Resources Division.) [Open-file report. Prepared in cooperation with Idaho Department of Reclamation.] ‡ I 19.2: R 12/966
- 14540 Summary of ground water hydrologic data in Michigan in 1968 [with list of selected references]; by P. R. Giroux and G. C. Huffman. [1969.] viii+105 p. il. 4° (Water Resources Division.) [Prepared in cooperation with State of Michigan Department of Natural Resources.] ‡ District Chief, Water Resources Division, U.S. Geological Survey, 700 Capitol Savings and Loan Building, Lansing, MI 48933 I 19.2: M 58/2/968
- 14541 Summary of ground water occurrence in California; by Fred Kunkel. Menlo Park, Calif., Mar. 17, 1970. iii+7 p. 4° (Water Resources Division.) [Open-file report.] ‡ I 19.2: C 12/4
- 14542 Techniques of water-resources investigation: Book 4, Hydrologic analysis and interpretation. Chap. D 1. Computation of rate and volume of stream depletion by wells [with list of references]; by C. T. Jenkins. [1970.] v+17 p. il. 4° [Issued with perforations.] \* Paper, 30c. ● Item 624-A I 19.15/5: bk 4/chap. D 1

# GOVERNMENT PUBLICATIONS

- 14543 Volcanoes and vulcanism, exhibit posters on volcanic phenomena of special interest to Geologic Division. 1970. ii+26 p. il. 4° [Open-file report.] ‡  
I 19.2: V 88/3
- 14544 Water resources data for Michigan, 1968: pt. 1, Surface water records. 1969. cover title, x+251 p. il. 4° (Water Resources Division.) [Prepared in cooperation with State of Michigan and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 700 Capitol Savings and Loan Building, Lansing, MI 48933  
L.C. card 68-61252 I 19.53/2: M 58/968/pt.1
- 14545 Water resources data for Minnesota, 1968: pt. 1, Surface water records, pt. 2, Water quality records. [1970.] cover title, viii+267 p. 2 maps. 4° ([Water Resources Division.]) [Prepared in cooperation with Minnesota Department of Conservation, Division of Waters, Soils and Minerals, Minnesota Department of Highways, and with other State, municipal, and Federal agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 1033 Post Office Building, St. Paul, MN 55101  
L.C. card 71-600188 I 19.53/2: M 66/968/pt.1,2
- 14546 Water resources data for North Dakota, 1968: pt. 2, Water quality records [with list of references]. [1970.] iv+69 p. il. 4° (Water Resources Division.) [Prepared in cooperation with State of North Dakota and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, Room 348, Federal Building, P.O. Box 778, Bismarck, ND 58501  
L.C. card 68-60777 I 19.53/2: N 81 d/968/pt.2
- 14547 Water resources data for South Dakota, 1968: pt. 2, Water quality records [with list of selected references]. [1970.] iii+66 p. il. 4° (Water Resources Division.) [Prepared in cooperation with South Dakota Water Resources Commission, East Dakota Conservancy Sub-District.] † District Chief, Water Resources Division, U.S. Geological Survey, Room 231, Federal Building, P.O. Box 1412, Huron, SD 57350  
L.C. card 68-60779 I 19.53/2: So 8 d/968/pt.2
- 14548 Water resources data for South Dakota, 1969: pt. 1, Surface water records. [1970.] vii+147 p. 4° [Prepared in cooperation with State of South Dakota and with other agencies. Text on p. 2 of cover.] † District Chief, Water Resources Division, U.S. Geological Survey, P.O. Box 1412, Room 231, Federal Building, Huron, SD 57350  
L.C. card 68-60779 I 19.53/2: So8d/969/pt.1
- Water-supply papers. ● Item 625 I 19.13: (nos.)
- 14549 1473. Study and interpretation of chemical characteristics of natural water [with selected references]; by John D. Hem. 2d edition. 1970. xiv+363 p. il. 2 pl. in pocket. [Review of chemical, geologic, and hydrologic principles and processes that control composition of natural water, with methods for studying and interpreting chemical analyses.] \* Paper, \$2.25.  
L.C. card 73-604921
- 14550 1899 B. Water resources of Lee County, Miss. [with list of selected references]; by B. E. Wasson and F. H. Thomson. 1970. vi+63 p. il. [Prepared in cooperation with Tombigbee River Valley Water Management District. Contributions to hydrology of United States.] \* Paper, 35c.  
L.C. card 70-607329
- 14551 1924. Surface water supply of United States, 1961-65: pt. 9, Colorado River Basin, v. 1, Colorado River Basin above Green River. 1970. viii+488 p. il. map in pocket. [Prepared in cooperation with States of Colorado and Utah and with other agencies.] \* Paper, \$2.75.  
L.C. card 75-608285
- 14552 1926. Surface water supply of United States 1961-65: pt. 9, Colorado River Basin, v. 3, Lower Colorado River Basin. 1970. 1 pl. in pocket. [Prepared in cooperation with Arizona, California, Nevada, New Mexico, and Utah, and with other agencies.] \* Paper, \$2.50.  
L.C. card 76-608283
- 14553 1963. Quality of surface waters of United States, 1965: pts. 5 and 6, Hudson Bay and upper Mississippi River basins and Missouri River basin [with list of literature cited]. 1970. xi+548 p. il. [Prepared in cooperation with States of Colorado, Illinois, Iowa, Kansas, Minnesota, Missouri, Montana, Nebraska, South Dakota, Wisconsin, Wyoming, and other agencies.] \* Paper, \$2.50.  
L.C. card 68-43-68

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- 14554 1964. Quality of surface waters of United States, 1965: pts. 7-8, Lower Mississippi River basin and western Gulf of Mexico basin [with list of literature cited]. 1970. xiii+819 p. il. [Prepared in cooperation with States of Arkansas, Colorado, Kansas, Louisiana, Mississippi, Missouri, New Mexico, Oklahoma, Tennessee, Texas and with other agencies.] \* Paper, \$3.50.  
L.C. card GS 43-68
- 14555 1965. Quality of surface waters of United States, 1965: pts. 9-11, Colorado River basin to Pacific slope basins in California; [prepared by personnel of Water Resources Division]. 1970. xiv+678 p. il. [Prepared in cooperation with States of Arizona, California, Colorado, New Mexico, Oregon, Utah, and Wyoming, U.S. Bureau of Reclamation, and with other agencies.] \* Paper, \$3.00.  
L.C. card GS43-68
- 14556 1972. Lake Tahoe basin, Calif.-Nev. [with list of selected references]; by J. R. Crippen and B. R. Pavelka. [1970.] v+56 p. il. [Prepared in cooperation with California Department of Water Resources.] \* Paper, 40c.  
L.C. card 74-606660

GOVERNMENT PRINTING OFFICE  
Washington, DC 20401

- 14557 Opportunities for college graduates in general administration, printing management, personnel administration, procurement-supply, electronic data processing, accounting, library science. [1970] [6] p. narrow 8°  
† ● Item 548 GP 1.2: O 68/970

HEALTH, EDUCATION, AND WELFARE DEPARTMENT  
Washington, DC 20201

- 14558 Benefits for handicapped dependents of members of uniformed services. Nov. 1969. [7] p. [Joint publication of Defense Department and Department of Health, Education, and Welfare.] † HE 1.2: H 19/3/969
- 14559 Catalog of HEW State administered formula grant programs, July 1970. [1970.] cover title, vi+183 p. 4° (Center for Community Planning.)  
† ● Item 445-A  
L.C. card 74-608961 HE 1.6/3: St 2/2
- 14560 Department of Health, Education, and Welfare, telephone directory, fall 1970. [1970.] cover title, xiv+182 p. il. 4° [Text and other illustrations on p. 2-4 of cover. Last 3 pages left blank for notes.] \* Paper, \$1.50.  
HE 1.28: 970
- 14561 DHEW obligations to institutions of higher education, fiscal year 1969, pt. 2, v. 2; [prepared by Ruth G. Black and Wayne F. Tolliver]. [1970.] vi+329 p. 4° (Office of Assistant Secretary for Health and Scientific Affairs.) † ● Item 445  
L.C. card 68-61016 HE 1.2: Ed 8/3/969/pt.2/v.2
- 14562 Directory of public elementary and secondary schools in selected districts, enrollment and staff by racial/ethnic group, fall 1968. [1970.] xv+1703 p. 4° (OCR-101-70; Office for Civil Rights, Data Analysis Branch.) \* Paper, \$11.00. ● Item 444-B-1  
L.C. card 71-608762 HE 1.38: 968
- 14563 Directory of State and local resources for mentally retarded; [compiled by Robert D. Edwards]. June 1970. i+124 p. 4° (Secretary's Committee on Mental Retardation.) [Issued with perforations.] † ● Item 445  
L.C. card 74-605904 HE 1.2: M 52/16/970
- 14564 Equal opportunity program for State and local government employment; [prepared by David J. Wynne]. July 1970. vi+20+[2] p. il. oblong 8° (Office of State Merit Systems.) † ● Item 445 HH 1.2: Eq 2
- 14565 Establishing cost allocation plans and indirect cost proposals for grants and contracts with Federal Government, guide for local government agencies. [1970.] v+46 p. 4° ([OASC-8.]) [Issued with perforations. Text on p. 2-3 of cover.] \* Paper, 60c. ● Item 445  
L.C. card 71-609108 HE 1.6/ L 78

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## GOVERNMENT PUBLICATIONS

- 14566 Towards workable Federalism, [address by Elliot L. Richardson, Secretary of Health, Education and Welfare before National Association of Counties annual meeting, Atlanta, Ga., July 27, 1970]. [2]+12 p. narrow 8° † ● Item 445-1 HE 1.7: R 39

### HEALTH FACILITIES PLANNING AND CONSTRUCTION SERVICE, Health, Education, and Welfare Dept., Silver Spring, MD 20910

Health facilities series (under Hill-Burton program) : [Category] F.

- 14567 F-3. See, Hill-Burton program, progress report, July 1, 1947-June 30, 1969.
- 14568 Hill-Burton program, progress report, July 1, 1947-June 30, 1969. [Revised 1969.] [1970.] vi+68 p. il. 4° ([Public Health Service publication 930-F-3; Health facilities series (under Hill Burton program)]; Office of Program Planning and Analysis.) [Includes list of related publications.] \* Paper, 70c. ● Item 486-C  
L.C. card 77-608671 HE 20.2509/2 : 947-69

### HEALTH PROFESSIONS EDUCATION AND MANPOWER TRAINING BUREAU, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 14569 Feet first, booklet about foot care, for older persons and people who have diabetes; [prepared by Nursing Research Field Center], Division of Nursing. [June 1970.] [3]+45 p. il. [Illustrations are colored.] \* Paper, 60c. ● Item 507-D-1 HE 20.3102 : F 32
- 14570 Nursing personnel in hospitals, 1968. [May 1970.] cover title, vi+382 p. oblong 8° ([Division of Nursing.]) † ● Item 587-D-1  
L.C. card 70-608759 HE 20.3102 : N 93/9/968

### HOUSING AND URBAN DEVELOPMENT DEPARTMENT Washington, DC 20410

- 14571 Buyer's guide to urban renewal. [June 1970.] [2] p. il. 4°, folded into oblong 32° size. ([HUD-82-R.]) † ● Item 582-E HH 1.6/3 : B 98
- 14572 Catalog of Federally financed housing and building research and technology; prepared by Science Information Exchange, Smithsonian Institution. June 1970. [4]+135 p. 4° \* Paper, \$1.25. ● Item 582  
L.C. card 74-608910 HH 1.2 : H 81/40
- 14573 Fair housing U.S.A. [July 1970.] [10] p. il. narrow 8° ([HUD-63-EO.]) † ● Item 582 HH 1.2 : H 81/37
- 14574 Historic preservation program. [July 1970.] 10 p. narrow 8° ([HUD-139-MD.]) † ● Item 572 HH 1.2 : H 62/970
- 14575 HUD guide to college housing program. [July 1970.] [12] p. il. narrow 8° ([HUD-134-F.]) † ● Item 582-E HH 1.6/3 : C 68

HUD handbooks.

HH 1.6/6 : (letters-nos.)

- 14576 RHM 7202.1, 7228.1. Urban renewal handbook transmittal. [July 16, 1970.] [6] p. 4° (Renewal and Housing Management.) [Issued with perforations. Includes transmittal notice 67.] \* Paper, \$14.00. (including basic manual and supplementary material for indefinite period); \$4.00 additional for foreign mailing. ● Item 582-E
- 14577 RHM 7212.1. Urban renewal handbook, supp. 2. [July 14, 1970.] [1]+7+[1] p. 4° (Renewal and Housing Management.) [Issued with perforations. Includes transmittal notice 8.] \* Paper, \$14.00 (including basic manual and supplementary material for an indefinite period); \$4.00 additional for foreign mailing. ● Item 582-E
- 14578 RHM 7475.1. [Low-rent housing, financial management handbook] transmittal. [July 6, 1970.] [1]+2 p. 4° (Renewal and Housing Management.) [Issued with perforations. Includes transmittal notice 4.] †

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- 14579 Mobile home parks financing. [July 1970.] [6] p. il. narrow 8° ([HUD-25-F.]) † ● Item 582 HH 1.2: M 71
- 14580 Model cities continued planning and evaluation: v. 1, sample work program for planning & evaluation in action year 1. 1970. vi+129 p. oblong 8° [Title on cover is: How to design a work program for continuing planning and evaluation in local model cities program. Text on p. 2 of cover.] † ● Item 582-E HH 1.6/3: M 72/v.1
- 14581 Neighborhood facilities program. [July 1970.] [8] p. narrow 8° † ● Item 582 HH 1.2: N 31/3/970
- 14582 Rehabilitating residential property in urban renewal and code enforcement areas. [June 1970.] [8] p. il. narrow 8° ([HUD-41-R(2).]) [This list subject to change as of Sept., 1970.] † ● Item 582 HH 1.2: R 26
- 14583 Urban beautification & improvement program. [July 1970.] [9] p. narrow 8° ([HUD-136-MD.]) † ● Item 582 HH 1.2: U r 1/7/970

## IMMIGRATION AND NATURALIZATION SERVICE, Justice Dept. Washington, DC 20536

- 14584 Citizenship Day and Constitution Week bulletin, Sept. 17, 1970. [1970.] [4] +27 p. † ● Item 723-B J 21.14: 970
- 14585 Supplemental index 3 to v. 12 of Administrative decisions under immigration and nationality laws of United States, interim decisions 1901-2011 covering period Aug. 11, 1967-Oct. 30, 1969. [Jan. 1, 1970.] [1]+9 p. \* Paper, 10c. J 21.11/3: 12/ind.3
- 14586 Supplemental index 4 to v. 12 of Administrative decisions under immigration and nationality laws of United States, interim decisions 1901-2019 covering period Aug. 11, 1967-Jan. 16, 1970. [Mar. 1, 1970.] [1]+9 p. \* Paper, 10c. J 21.11/3: 12/ind.4
- 14587 Supplemental index 5 to v. 12 of Administrative decisions under immigration and nationality laws of United States, interim decisions 1901-2042 covering period Aug. 11, 1967-Apr. 17, 1970. [July 1, 1970.] [1]+10 p. \* Paper, 10c. J 21.11/3: 12/ind.5

## INDIAN HEALTH SERVICE, Health, Education, and Welfare Dept. Silver Spring, MD 20910

- 14588 Family planning for better health and happiness. [1970.] [16] p. il. 4° ([Desert Willow Training Center.]) [Some illustrations are colored.] † HE 20:2652: F 21

## INFORMATION FOR ARMED FORCES, OFFICE OF, Defense Dept. Washington, DC 20301

DOD pamphlet.

- 14589 PG-7A. See, below, Pocket guide to Japan.
- 14590 Pocket guide to Japan [with selected bibliography]. [Mar. 20, 1970.] iv +116 p. il. small 4° ([DoD PG-7A; [Army Dept.], DA Pam 360-418; [Navy Dept.], NAVPERS 92785A; [Air Force Dept.], 216-3; [Marine Corps] NAVMC 2566 (Rev.-70).] [Some illustrations are colored. Supersedes DoD PG-7/DA Pam 20-177/NAVPERS 92785/AFP 34-3-6/NAV MC 2566, Dec. 2, 1960.] \* Paper, \$1.00. ● Item 314 & 312-A D 2.8: J 27/970

## INTERDEPARTMENTAL COMMITTEE ON STATUS OF WOMEN

- 14591 Proposed equal rights amendment to United States Constitution, memorandum. Mar. 1970. [2]+i+18 p. 4° [Presented to Citizens' Advisory Council on Status of Women by its study group on equal legal rights.] † Citizens' Advisory Council on Status of Women, Labor Department, Washington, DC 20210 Y 3.In 8/21: Eq 2

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# GOVERNMENT PUBLICATIONS

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NOTE.—Requests to the Interior Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers, which should be used only when ordering from the Superintendent of Documents.

### Personnel management publication (series).

- 14592 3. Careers in United States Department of Interior, directory for college students, Revised edition 1970. [1970.] vi+71 p. il. [Text on p. 2 of cover.] \* Paper, 50c. ● Item 603-D  
L.C. card 70-608936 I 1.73/2: 3/2

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

- 14593 541. Vacuum-freezing vapor-compression process, evaluation on brackish water; by M. M. Jhawar and J. H. Fraser, Colt Industries, Fairbanks Morse Inc., Water Processes Section, Beloit, Wis. Mar. 1970. v+46 p. il. 4° (Contract 14-01-0001-967.) \* Paper, 65c.
- 14594 550. Conceptual designs of outfall systems for desalting plants [with bibliography]; by M. A. Zeitoun, W. F. McIlhenny, Dow Chemical Company, Midland, Mich., R. O. Reid, Texas A&M University College Station Texas. May 1970. x+139 p. il. 4° (Contract 14-01-0001-2169.) \* Paper, \$1.25.
- 14595 556. Research and development of new and improved cellulose ester membranes [with list of references]; by D. L. Hoernschemeyer [and others], Aerojet-General Corporation, El Monte, Calif. Aug. 1970. v+63 p. il. 4° \* Paper, 65c.
- 14596 560. Saline ground-water resources of Rio Grande drainage basin, pilot study [with bibliographies]; by T. E. Kelly, B. N. Myers, and L. A. Hershey, Geological Survey, Department of Interior, Albuquerque, N. Mex. May 1970. ix+71 p. il. 4° (Agreement 14-01-0001-2102.) \* Paper, \$2.00.  
L.C. card 70-608930
- 14597 563. Disposal of brine by solar evaporation field experiments [with list of references]; by C. G. Keyes, jr. [and others], New Mexico State University, Las Cruces, N. Mex. May 1970. vii+166 p. il. 4° (Contract 14-01-0001-969.) \* Paper, \$1.50.
- 14598 564. Disposal of brine by solar evaporation, design criteria [with list of references]; by C. G. Keyes, jr. [and others], New Mexico State University, Las Cruces, N. Mex. May 1970. x+123 p. il. 4° (Contract 14-01-0001-969.) \* Paper, \$1.25.
- 14599 565. Poisoning of ion exchange materials by surface active ions [with list of references]; by Hamish Small and Robert C. Gardner, Dow Chemical Company, Midland, Mich. Aug. 1970. iv+71 p. il. 4° (Contract 14-01-0001-2158.) \* Paper, 70c.
- 14600 567. Annual report (FY 1968) Webster Test Facility and Electrodialysis Testbed Plant, Webster, S. Dak. [with bibliography]; by Mason-Rust, Louisville, Ky. June 1970. viii+128 p. il. 4° (Contract 14-01-0001-1733.) \* Paper, \$1.50.
- 14601 569. Study of ionic solvation [with list of references]; by John O'M. Bockris, P.P.S. Saluja, G. Madan, University of Pennsylvania, Philadelphia, Pa. June 1970. v+155 p. il. 4° (Grant 14-01-0001-1467.) \* Paper, \$1.25.

## INTERIOR DEPARTMENT LIBRARY, Interior Dept. Washington, DC 20240

### Bibliography (series). I 22.9/2: (nos.)

- 14602 14. Fire in far northern regions, bibliography; compiled by Signe M. Larson, Dec. 1969. cover title, [11]+36 p. 4° [Includes list of sources consulted.] \* Paper, \$3.00.  
L.C. card 70-608865
- 14603 15. Sprinkler irrigation, bibliography selected from foreign literature, 1964-69; compiled by Ludmilla Floss, Feb. 1970. cover title, [5]+54 p. 4° (Office of Library Services.) [Includes list of sources consulted.] \* Paper, \$3.00  
L.C. card 74-608866
- 14604 Mercury contamination in natural environment, cooperative bibliography; compiled by libraries of United States. July 1970. cover title, [3]+vi+32 p. 4° (Office of Library Services.) †  
L.C. card 75-608877 I 22.9: M 53

## INTERNAL REVENUE SERVICE, Treasury Dept. Washington, DC 20224

- 14605 Alcohol, Tobacco and Firearms Division public use forms. May 1970. cover title, [2]+16 p. il. 4° (Publication 480 (Rev. 5-70).) \* Paper, 30c.  
● Item 956 T 22.2: A1 1/4/970

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- 14606 Estate tax attorney. [1970.] cover title, 16 p. il. ([Publication 601 (Rev. 8-70).]) † ● Item 956 T 22.2: Es 8/4/970
- 14607 [Index-digest supplement system: Service 2], Estate and gift taxes, supp. 3, Jan. 1969-June 1970. [1970.] 18 p. 4° (Publication 642.) \* Paper, \$1.50 (including basic volume and supplementary material for an indefinite period); 50c. additional for foreign mailing. ● Item 960 T 22.25/6: 965-68/supp.3
- 14608 — Service 4, Excise taxes, supp. 3, Jan. 1969-June 1970. [1970.] 31 p. 4° (Publication 644.) \* Paper, \$1.50 (including basic volume and supplementary material for an indefinite period); 50c. additional for foreign mailing. ● Item 960 T 22.25/8: 965-68/supp.3
- 14609 Internal auditor, Internal Revenue Service. [1970.] cover title, 17 p. il. ([Publication 652 (Rev. 8-70).]) [P. 17 is on p. 3 of cover. † ● Item 956 T 22.2: Au 2/3/970
- 14610 Internal revenue cumulative bulletin 1969-2, July-Dec. [1970.] cover title, xxvi+334 p. 4° [Semiannual. Includes revenue rulings 69-367 to 69661, also revenue procedures 69-15 to 69-30.] \* Paper, \$4.74. ● Item 960 L.C. card 20-26376 T 22.25: 969-2
- 14611 Liquor laws and regulations for retail dealers. [1970.] [4]+11 p. narrow 8° (Publication 30 (rev. 5-70).) † ● Item 961 T 22.19: L 66/970
- 14612 Looseleaf regulations system: Service 3, Employment tax, transmittal 27, July 10, 1970. [1970.] [22] p. 4° ● Item 961 T 22.19/3: 3/trans.27
- 14613 — Service 3, Employment tax, transmittal 28, Aug. 7, 1970. [1970.] [18] p. 4° ● Item 961 T 22.19/3: 3/trans.28
- 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.
- 14614 — Service 4, Excise taxes, transmittal 66, Aug. 7, 1970. [9] p. 4° ● Item 961 T 22.19/3: 4/969/trans.66
- NOTE.—Service 4 consists of pts. 40-42, 44-50, and 146-150 152, of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$8.00 (including basic material and supplements issued irregularly for approximately 3 years); \$3.00 additional for foreign mailing.
- 14615 Revenue agent. [1970.] cover title, 16 p. il. ([Publication 621 (rev. Aug. 1970).]) † ● Item 956 T 22.2: R 32/2/970
- 14616 Teaching Federal income taxes. [1970.] [2] p. f°, folded into oblong 48° size. ([Publication 488 (Rev. June 1970).]) † ● Item 956 T 22.2: 22

INTERNATIONAL COMMERCE BUREAU, Commerce Dept.  
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Foreign economic trends and their implications for United States ET (series). \* Paper, \$15.00 a yr., \$6.00 additional for foreign mailing. ● Item 231-I C 42.30: (nos.)

- 14617 70-57. Austria. May 10, 1970. 11 p. 4° (American Embassy, Vienna.) [Semiannual.]
- 14618 70-58. France. May 15, 1970. 12 p. 4° [Semiannual.]
- 14619 70-63. Malaysia. May 12, 1970. 11 p. 4° (American Embassy, Kuala Lumpur.) [Semiannual.]
- 14620 70-64. Ivory Coast. May 27, 1970. 8 p. 4° [Semiannual.]
- 14621 70-65. Zambia. May 28, 1970. 10 p. 4° (American Embassy, Lusaka.) [Annual.]
- 14622 70-66. Hong Kong. May 28, 1970. 18 p. il. 4° [Semiannual.]
- 14623 70-67. Afghanistan. June 1, 1970. 15 p. il. 4° (American Embassy, Kabul.) [Annual.]
- 14624 70-68. Malawi. June 15, 1970. 8 p. 4° (American Embassy, Blantyre.) [Annual.]
- 14625 70-69. Luxembourg. May 30, 1970. 10 p. il. 4° (American Embassy Luxembourg.) [Annual.]
- 14626 70-70. Trinidad and Tobago. June 5, 1970. 10 p. il. 4° (American Embassy, Port-Of-Spain.) [Annual.]
- 14627 70-71. Denmark. June 15, 1970. 12 p. il. 4° (American Embassy, Copenhagen.) [Semiannual.]
- 14628 70-72. Malagasy Republic. June 20, 1970. 12 p. il. 4° (American Embassy, Tananarive.) [Annual.]

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- 14629 70-73. Argentina. June 14, 1970. 12 p. il. 4° [Semiannual.]  
 14630 70-74. Ireland. June 19, 1970. 12 p. il. 4° (American Embassy, Dublin.) [Semi-annual.]  
 14631 70-75. Norway. June 1970. 10+[1] p. il. 4° [Semiannual]  
 14632 70-76. Republic of Mali. June 19, 1970. 8 p. 4° (American Embassy, Bamako.) [Annual.]  
 14633 70-77. Chile. July 1, 1970. 14+[1] p. il. 4° (American Embassy, Santiago.) [Annual.]  
 14634 70-78. Jamaica. June 29, 1970. 8 p. 4° (American Embassy, Kingston.) [Annual.]  
 14635 70-81. Togo. June 30, 1970. 10 p. il. 4° (American Embassy, Lome.) [Annual.]  
 14636 70-82. Kenya. July 22, 1970. 12 p. 4° (American Embassy, Nairobi.) [Annual.]  
 14637 70-83. Guyana. July 24, 1970. 10 p. 4° (American Embassy, Georgetown.)  
 14638 70-84. Sweden. July 31, 1970. 12 p. il. 4° (American Embassy, Stockholm.) [Semiannual.]  
 14639 70-85. Cyprus. July 15, 1970. 14+[1] p. il. 4° (American Embassy, Nicosia.) [Annual.]  
 14640 70-86. Sierra Leone. July 30, 1970. 8 p. il. 4° (American Embassy, Freetown.) [Annual.]  
 14641 70-87. South Africa. Aug. 7, 1970. 12 p. il. 4° (American Embassy, Pretoria.) [Semiannual.]  
 14642 70-88. Dominican Republic. Aug. 1, 1970. 12 p. il. 4° [Semiannual.]  
 14643 70-89. Chad. Aug. 13, 1970. 10 p. il. 4° (American Embassy, Fort Lamy.) [Annual.]  
 14644 Sources of export financing. [1970.] 14 p. il. 4° [Reprinted from International commerce, May 18, 1970.] † C 42.8/a: Ex 75/8/970

### INTERNATIONAL DEVELOPMENT AGENCY, State Dept. Washington, DC 20523

- 14645 Agency for International Development procurement regulations [1st edition], amdt. 11; Aug. 1970. [1970.] [62] p. il. 4° (Office of Procurement.) [Issued in looseleaf form.] \* Paper, \$6.00 (including basic regulations and supplementary material for an indefinite period); \$1.50 additional for foreign mailing. ● Item 900-C-5 S 18.6/2: 965/amdt.11  
 14646 Operations report, fy 1970, data as of Dec. 31, 1969. [June 1970.] v+98 p. il. oblong 8° ([W-129]; Office of Statistics and Reports, Bureau for Program and Policy Coordination.) ‡ S 18.16: 969-2  
 L.C. card 55-63732

### INTERSTATE COMMERCE COMMISSION Washington, DC 20423

- 14647 Decisions of Interstate Commerce Commission (finance reports), Sept. 1967-Apr. 1968. 1970. xii+920 p. (Interstate Commerce Commission reports, v. 331.) \* Cloth, \$5.50. ● Item 677 IC 1.6: 331  
 L.C. card 8-30656  
 14648 Rail carload cost scales by territories for year 1968. June 1970. cover title, [2]+iii+187 p. 4° (Statement 1C1-68; Bureau of Accounts.) [This study issued as information, has not been adopted by Interstate Commerce Commission.] \* Paper, \$1.50. ● Item 682-C IC 1 acco.7: 968  
 L.C. card A 49-1585

### JUDGE ADVOCATE GENERAL (Navy), Defense Dept. Washington, DC 20350

- 14649 Manual of Judge Advocate General. 1970. [465] p. il. 4° (JAGISNT 5800.7A JAG 133.) [Cancels JAG instruction 5800.7 June 2, 1961.] † ● Item 380-A D 205.6/2: M 31/970

### JUSTICE DEPARTMENT Washington, DC 20530

- 14650 Law Enforcement Assistance Administration, program for safer, more just America. [1970.] cover title, [1]+30 p. il. † ● Item 717 J 1.2: L 41/10

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- 14651 Need to know, NILE&CJ, National Institute of Law Enforcement and Criminal Justice. [1970.] cover title, 16 p. narrow 8° [Text on p. 2 of cover.] † ● Item 717 J 1.2: N 28
- 14652 2d annual report of LEAA, Law Enforcement Assistance Administration, fiscal year 1970 ending June 30, 1970. [1970.] viii+257 p. il. 4° † ● Item 717-C J 1.1/2: 970  
L.C. card 77-603675

**LABOR DEPARTMENT**  
Washington, DC 20210

- 14653 Forecasting occupational job requirements: 1, Short-cut approach to long-range forecasting; 2, Report on test results in several cities; [by Norman Medvin]. [1970.] cover title, [1]+[61]-[168] p. il. 4° ([Manpower Administration.]) [Pt. 1 reprinted from Employment service review, Jan.-Feb. 1967; pt. 2 reprinted from report of conference held at Ohio State University's Center for Vocational and Technical Education, June 12-13, 1969.] † L 1.2: Oc1/5
- 14654 How to train workers on job. [Revised edition.] [1970.] iv+27 p. il. narrow 8° (Manpower Administration.) \* Paper, 25c. ● Item 745-A L 1.7/2: W 89
- 14655 Introducing JOBS '70. [1970.] cover title, [15] p. il. oblong 24° ([Manpower Administration.]) † ● Item 745 L 1.2: J 57/6/970
- 14656 Welfare and pension plan statistics, 1967; [prepared by LeRoy Saunders]. [1970.] [1]+i+28 p. 4° ([Labor-Management Services Administration.]) [Text on p. 3 of cover.] † ● Item 745 L 1.2: W 45/5/967  
L.C. card 67-2645

**LABOR STANDARDS BUREAU, Labor Dept.**  
Washington, DC 20210

- Bulletin.
- 14657 110. Safety in industry: Teach them to lift. Revised 1970. [1970.] iv+31 p. il. ([Mechanical and physical hazards series.]) \* Paper, 25c. ● Item 763 L.C. card 74-608953 L 16.3: 110/3
- Occupational safety aid, Department of Labor safety training programs OSA-LS- (series).
- 14658 169. How to investigate accidents. [May 1970.] 8 p. il. 4° \* Paper, 10c. ● Item 765-G L 16.49: 169/3

**LABOR STATISTICS BUREAU, Labor Dept.**  
Washington, DC 20210

- 14659 BLS establishment employment estimates, revised to Mar. 1969 benchmark levels. [1970.] p. 11-21 4° [Reprinted from June 1970 Employment and earnings.] † L 2.41/2a: Em 73/6
- 14660 BLS information system, systems manual; [prepared by Peter B. Stevens with assistance of Rita L. Erickson]. Sept. 1967. cover title, iv+59 p. 4° † L 2.46/3: In 3/3
- BLS reports. ● Item 768-G I. 2.71: (nos.)
- 14661 371. Labor law and practice in Iceland [with selected bibliography; by Franz A. Groempling]. 1970. vi+38 p. il. 4° \* Paper, 50c. L.C. card 77-608848
- 14662 376. Labor law and practice in Japan [with selected bibliography; prepared by Kurt Braun]. 1970. vi+64 p. il. 4° \* Paper, 65c. L.C. card 78-608824
- 14663 379. Injury rates by industry, 1968. 1970. 30 p. il. 4° † L.C. card L 64-70
- BLS staff paper.
- 14664 4. Micro model of labor supply [with bibliography]; by Malcolm S. Cohen, Samuel A. Rea, jr., and Robert I. Lerman. 1970. [5]+245 p. il. \* Paper, \$1.00. ● Item 768-J L 2.71/5: 4

# GOVERNMENT PUBLICATIONS

Bulletins.		L 2.3:(nos.)	
14665	1625-91.	Area wage surveys: Metropolitan areas, United States and regional summaries, 1968-69, occupational earnings, interarea pay comparisons, wage trends. 1970. iv+87 p. ll. oblong 8" * Paper, \$1.00. ● Item 768 L.C. card 74-608838	
14666	1642.	Seasonality and manpower in construction: [by Joe L. Russell with assistance from Daniel Quinn Mills and Michael J. Pilot.] [1970.] ix+148 p. ll. 4" * Paper, \$1.25. ● Item 768 L.C. card 70-608830	
14667	1643.	Occupational employment statistics, 1960-67; [by Douglas F. Schmude]. 1970. v+42 p. 4" * Paper, 50c. ● Item 768 L.C. card 72-608907	
14668	1650-16.	Employment outlook: Medical laboratory workers. [1970.] [8] p. ll. 4" [Reprint from 1970-71 Occupational outlook handbook.] * Paper, 10c.	
14669	1650-17.	Employment outlook: Radiologic technologists. [1970.] [7] p. ll. 4" [Reprint from Occupational outlook handbook, 1970-71 edition.] * Paper, 10c.	
14670	1650-18.	Employment outlook: Medical record librarians. [1970.] [7] p. ll. 4" [Reprint from 1970-71 Occupational outlook handbook.] * Paper, 10c.	
14671	1650-20.	Employment outlook: Hospital administrators. [1970.] [7] p. ll. 4" [Reprint from 1970-71 Occupational outlook handbook.] * Paper, 10c.	
14672	1650-21.	Employment outlook: Sanitarians. [1970.] [7] p. ll. 4" [Reprint from 1970-71 Occupational outlook handbook.] * Paper, 10c.	
14673	1650-24.	Employment outlook: Environmental scientists, geologists, geophysicists, meteorologists, oceanographers. [1970.] [15] p. ll. 4" [Reprint from Occupational outlook handbook, 1970-71 edition.] * Paper, 15c.	
14674	1650-25.	Employment outlook: Life science occupations, life scientists, biologists. [1970.] [12] p. ll. 4" [Reprint from Occupational outlook handbook, 1970-71 edition.] * Paper, 15c.	
14675	1650-27.	Employment outlook: Technicians, engineering and science technicians, draftsmen. [1970.] [12] p. ll. 4" [Reprint from Occupational outlook handbook, 1970-71 edition.] * Paper, 15c.	
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- 14762 v. 20, no. 9. Effects of Marine Corps officer candidate school training on serum uric acid levels [with list of references]; by Leslie H. Cronau, jr. [and others]. May 1970. v+4+[3] p. 4° (Work unit MF-12.524.004-8002B.15.)
- Navy Medical Neuropsychiatric Research Unit, San Diego, Calif.: Reports.  
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- 14773 Calcium and calcium compounds; [by Arnold M. Lansche]. [1970.] [2]+3 p. [Preprint from Minerals yearbook, 1969.] \* Paper, 10c. I 28.37/a: C 126/2/969

Information circulars. ● Item 637-A I 28.27:(nos.)

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- 14790 65. Diesel fuel oils, winter 1969-70; [by Ella Mae Shelton and C. M. McKinney]. cover title, [1]+28 p. map, 4 pl. 4° [Page 22 intentionally left blank.] † Mines Bureau, Pittsburgh, PA 15213  
L.C. card 60-64432
- 14791 66. Motor gasoline winter 1969-70; [by Ella Mae Shelton and C. M. McKinney]. Aug. 1970. cover title, [1]+47 p. 4 pl. map, 4° † Mines Bureau, Pittsburgh, PA 15213
- Report of investigations. ● Item 637-A I 28.23 : (nos.)
- 14792 7414. Sorption of SO<sub>2</sub> and regeneration of alkaliized alumina in fluidized-bed reactors [with list of references]; by Jack I. Paige [and others]. [Aug. 1970.] [2]+ii+32 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 14793 7415. Mathematical evaluation of SO sorption-regeneration reactions with alkaliized alumina (supplement to RI 7275 and RI 7414) [with list of references]; by James H. Russell, Joseph W. Town, and Hal J. Kelly. [Aug. 1970.] [2]+ii+29 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 14794 7420. Prediction of sodium concentration in lignite; by Manuel Gomez, Kathleen Hazen, and Everett A. Sondreal. [Aug. 1970.] [3]+17 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 14795 7421. Prediction of coal grindability from exploration data; by Manuel Gomez and Kathleen Hazen [Aug. 1970.] [3]+34 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 14796 7428. Conversion of municipal and industrial refuse into useful materials by pyrolysis; by W. S. Sanner [and others]. [Aug. 1970.] [3]+14 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

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- 14797 Sodium and sodium compounds; [by Arnold M. Lansche]. [1970.] [2]+4 p.  
[Preprint from Minerals yearbook, 1969.] \* Paper, 10c.  
I 28.37/a: So 16/2/969

Technical progress reports.

I 28.26/6: (nos.)

- 14798 23. Gas flood efficiency improvement by polymer injection [with list of refer-  
ences]; by Edward L. Burwell and Arlen E. Hunt. Mar. 1970. [2]+8 p. il. 4°  
(Petroleum research program.) † Mines Bureau, Pittsburgh, PA 15213  
14799 27. Recovery of metals from electroplating wastes by waste-plus-waste method  
[with list of references]; by L. C. George and Andrew A. Cochran. Aug.  
1970. [3]+9 p. il. 4° (Solid waste research program.) † Mines Bureau,  
Pittsburgh, PA 15213  
14800 28. Methane emission rate studies in northern West Virginia mine; by Stephen  
Krickovic, Charles Findlay, and W. M. Merritts. Aug. 1970. [3]+11 p. il. 4°  
(Methane control program.) † Mines Bureau, Pittsburgh, PA 15213

MISSOURI BASIN INTER-AGENCY COMMITTEE

NOTE.—The chairman of the Missouri Basin Inter-Agency Committee for fiscal  
year 1971 is Harrell F. Mosbaugh, P.O. Box 2530, Billings, MT 59103

- 14801 Annual programming report, fiscal years 1970-72. May 1970. cover title,  
[3]+137+[2] p. 4° [Some pages printed as leaves.] †  
Y 3.M 69: 8/970-72

MOTOR CARRIER SAFETY BUREAU, Transportation Dept.  
Washington, DC 20591

- Motor carrier accident investigation reports. † TD 2.309: (nos.)  
14802 70-1. Tamiami Trail Tours, Inc., accident, Jan. 7, 1970, Sasser, Ga. [1970.]  
[1]+9 p. il. 4°  
14803 70-2. Legion Warehouse Corp. and Tri-State Transportation, Inc., accident.  
Feb. 6, 1970, Middletown, Conn. [1970.] [1]+9 p. il. 4°  
14804 70-3. Doepp Crockett Hauling accident, Jan. 21, 1970, Roswell, N. Mex. [1970.]  
[1]+10 p. il. 4°

NARCOTICS AND DANGEROUS DRUGS BUREAU, Justice Dept.  
Washington, DC 20530

- 14805 LSD-25, factual account, layman's guide to pharmacology, physiology,  
psychology and sociology of LSD [with list of references; by] Louise G.  
Richards, Milton H. Joffe, [and] George R. Spratto. June 1969 [pub-  
lished 1970]. [4]+44 p. il. [Includes copyrighted material.] \* Paper,  
30c. ● Item 968-A  
L.C. card 70-608928 J 24.8: L 99/rep.

NATIONAL ADVISORY COUNCIL ON VOCATIONAL EDUCATION  
Room 5022, ROB 3, 7th and D Sts. S.W., Washington, DC 20202

NOTE.—The National Advisory Council on Vocational Education was established  
by Public Law 90-576, approved Oct. 16, 1968.

- 14806 Cooperative day of planning 2, report on joint meeting of State and Na-  
tional Advisory Councils on Vocational Education, May 1-2, 1970, Wash-  
ington, D.C. [1970.] cover title, [3]+35 p. 4° [Some pages printed as  
leaves.] † ● Item 1070-B-1 Y 3.V 85.2 C 78

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
Washington, DC 20546

NASA contractor report CR (series). NAS 1.26: (nos.)

- 14807 1458. Trade-off study and conceptual designs of regenerative advanced integrated  
life support systems (AILSS) [with bibliography]. Jan. 1970. cover title,  
xiv+755 p. il. 4° [Prepared under contract NAS 1-7905 by Hamilton  
Standard, Division of United Aircraft Corporation, Windsor Locks, Conn.]  
Φ Paper, \$3.00.  
L.C. card 70-606749  
14808 1478. Self-study course in FORTRAN programming: v. 2, Workbook; by Valmer  
Norrod, Sheldon Blecher, and Martha Horton. Apr. 1970. cover title,  
x+131+A67 p. il. 4° [Prepared under contract NAS 5-9758 by Com-  
puter Sciences Corporation, El Segundo, Calif.] Φ Paper, \$3.00  
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## NASA contractor report CR (series)—Continued

- 14809 1520. Flight computer and language processor study; by Raymond J. Rubey, William C. Nielsen, and Laurel Bentley. Mar. 1970. cover title, iv+137 p. 4<sup>o</sup> [Prepared under contract NAS 12-2005 by Legicon, Incorporated, San Pedro, Calif.]  $\Phi$  Paper, \$3.00.
- 14810 1537. XB-70 structural mode control system design and performance analyses [with list of references]; by John H. Wykes, Louis U. Nardi, and Alva S. Mori. July 1970. cover title, vii+157 p. il. 4<sup>o</sup> [Prepared under contract NAS 4-1175 by North American Rockwell Corporation, Los Angeles, Calif.]  $\Phi$  Paper, \$3.00.
- 14811 1560. Investigation of vibration isolation of commercial jet transport pilots during turbulent air penetration [with list of references]; by Dale W. Schubert, Jerome S. Pepl, and Frank E. Roman. July 1970. cover title, vi+125 p. il. 4<sup>o</sup> [Prepared under contract NAS 1-8060 by Barry Wright Corporation, Watertown, Mass.]  $\Phi$  Paper, \$3.00.
- 14812 1561. Experimental and analytical study of visual detection in spacecraft environment [with lists of references]; by Roger P. Heinisch, Clinton L. Jolliffe and Roger N. Schmidt. June 1970. cover title, [250] p. il. 4<sup>o</sup> [Prepared under contract NAS 2-5015 by Honeywell Inc., St. Paul, Minn.]  $\Phi$  Paper, \$3.00.
- 14813 1566. Radiation induced nonlinear degradation of transistor gain [with list of references]. July 1970. cover title, xvii+197+[17] p. il. 4<sup>o</sup> [Prepared under contract NAS 5-10443 by Boeing Company, Seattle, Wash. Issued by originator as Boeing doc. D2-125680-3.]  $\Phi$  Paper, \$3.00.
- 14814 1569. Research on display scanning, sampling, and reconstruction using separate main and secondary tracking tasks [with list of references]; by R. W. Allen, W. F. Clement, and H. R. Jex. July 1970. cover title, [3]+x+117 p. il. 4<sup>o</sup> [Prepared under contract NAS 2-3746 by Systems Technology, Inc., Hawthorne, Calif. Issued by originator as Technical report 170-2.]  $\Phi$  Paper, \$3.00.
- 14815 1572. Study of pulse propagation of electromagnetic signals through solar corona [with list of references]; by C. M. Knop, Y. Shiau, and V. Gylys. July 1970. cover title, ix+197 p. il. 4<sup>o</sup> [Prepared under contract NAS 1-9142 by Consultants in Electrodynamics, Oak Park, Ill.]  $\Phi$  Paper, \$3.00. L.C. card 79-608721
- 14816 1591. Ceramic-metal bore seal development [with list of references]; by P. E. Kueser, M. F. Parkman, and J. W. Toth. July 1970. cover title, xii+170 p. il. 4<sup>o</sup> [Prepared under contract NAS 3-6465 by Westinghouse Electric Corporation, Aerospace Electrical Division, Lima, Ohio. Issued by originator as report WAED 67.46E.]  $\Phi$  Paper, \$3.00. L.C. card 71-608640
- 14817 1592. Thermal-vacuum testing of high temperature electrical components [with one reference]; by W. L. Grant and P. E. Kueser. Aug. 1970. cover title, xi+253 p. il. 4<sup>o</sup> [Prepared under contract NAS 3-6465 by Westinghouse Electric Corporation, Aerospace Electrical Division, Lima, Ohio. Issued by originator as report WAED 67.46E.)  $\Phi$  Paper, \$3.00.
- 14818 1593. Development of active optics concept using thin deformable mirror [with list of references]; by Hugh J. Robertson. Aug. 1970. cover title, vii+116 p. il. 4<sup>o</sup> [Prepared under contract NAS 1-7103 by Perkin-Elmer Corporation, Norwalk, Conn.]  $\Phi$  Paper, \$3.00. L.C. card 72-608635
- 14819 1597. High contrast cathode ray tube engineering report; by D. Bolum. July 1970. cover title, xi+131 p. il. 4<sup>o</sup> [Prepared under contract NAS 12-605 by Hartman Systems Co. Huntington Station, N.Y.]  $\Phi$  Paper, \$3.00.
- 14820 1602. Analytical and experimental investigation of high entrainment jet pumps [with list of references]; by Kenneth E. Hickman, Gerald B. Gilbert, and John H. Carey. July 1970. cover title, iii+214 p. il. 4<sup>o</sup> [Prepared under contract NAS 2-4824 by Dynatech R/D Company, Cambridge, Mass.]  $\Phi$  Paper, \$3.00.
- 14821 1603. Development of gas sampling system [with list of references]; by J. E. Hueser and F. J. Brock. July 1970. cover title, [143] p. il. 4<sup>o</sup> [Prepared under contract NAS 1-5347-15 by Norton Research Corporation, Cambridge, Mass.]  $\Phi$  Paper, \$3.00. L.C. card 75-608641
- 14822 1605. Space geodesy altimetry, pulse compression radar study [with list of references]. July 1970. cover title, [157] p. il. 4<sup>o</sup> [Prepared under contract NASw-1709 by Rathcon Company, Sudbury, Mass. Issued by originator as report R89-4346.]  $\Phi$  Paper, \$3.00. L.C. card 79-608642
- 14823 1614. Human performance prediction in man-made systems: v. 1. Technical review; by Dorothy L. Finley; [and others]. Aug. 1970. cover title, xiii+215 p. il. 4<sup>o</sup> [Prepared under contract NAS 2-5038 by Bunker-Ramo Corporation, Defense Systems Division, Canoga Park, Calif.]  $\Phi$  Paper, \$3.00. L.C. card 72-608722
- 14824 1621. Theoretical frequency response functions and power spectra of XB-70 response to atmospheric turbulence [with list of references]; by Thomas E. Stenton. Aug. 1970. cover title, ix+113 p. il. 4<sup>o</sup> [Prepared under contract NAS 1-7805 by North American Rockwell Corporation, Los Angeles, Calif.]  $\Phi$  Paper, \$3.00.

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- 14826 1624. Investigation of noise characteristics and amplitude stabilization of plasma lasers [with bibliography]; by F. M. Shofner, C. W. Bray, and T. B. Carlson, Aug. 1970, cover title, vi+110 p. il. 4° [Prepared under grant NGL-43-001-056 by University of Tennessee Space Institute, Tullahoma, Tenn.]  $\Phi$  Paper, \$3.00.  
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- 14828 1628. Interactive specification of data displays [with bibliography]; by R. Anderson [and others], June 1970, cover title, vii+48+14 p. il. 4° [Prepared under contract NAS5-9756-47C by Wolf Research & Development Corporation, West Concord, Mass.]  $\Phi$  Paper, \$3.00.  
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- 14829 1632. Analysis of wing slipstream flow interaction [with list of references]; by Antony Jameson, Aug. 1970, cover title, [i]+iv+145 p. il. 4° [Prepared under contract NAS 2-4858 by Grumman Aerospace Corporation, Bethpage, N.Y.]  $\Phi$  Paper, \$3.00.
- 14830 1634. Data display and analysis [with list of references]; by J. Meads, D. DeFanti, and P. Sweet, July 1970, cover title, vi+33+A-11 p. il. 4° [Prepared under contract NAS 5-9756-151 by Wolf Research and Development Corporation, Bedford, Mass.]  $\Phi$  Paper, \$3.00.  
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- 14832 1640. Further study of jmsphere wind profiles as related to space vehicle design and operations [with list of references]; by S. I. Adelfang [and others], Aug. 1970, cover title, xi+85 p. il. 4° [Prepared under contract NAS 8-30165 by Lockheed-California Co., Burbank, Calif.]  $\Phi$  Paper, \$3.00.
- 14833 1643. Study of relationships between aircraft system performance and pilot ratings [with one reference]; by W. C. Schultz, F. D. Newell, and R. F. Whitbeck, July 1970, cover title, x+54 p. il. 4° [Prepared by Cornell Aeronautical Laboratory, Inc., Buffalo, N.Y.]  $\Phi$  Paper, \$3.00.
- 14834 1645. Application of imperfect, reduced-state relay control to model-reference systems [with bibliography]; by T. M. Taylor, Aug. 1970, cover title, viii+69 p. il. 4° [Prepared under contract NGL-07-002-002 by University of Connecticut, Storrs, Conn.]  $\Phi$  Paper, \$3.00.
- 14835 1654. Analysis of limited memory estimators and their application to spacecraft attitude determination [with list of references]; by Edwin C. Foudriat, Aug. 1970, cover title, iii+82 p. il. 4° [Prepared under grant NGL-50-001-009 by Marquette University, Milwaukee, Wis.]  $\Phi$  Paper, \$3.00.

## NASA EP (series).

- 14836 61. [America in space, first decade]: aeronautics by David A. Anderton. [1970.] [6] p. il. 4° [Information about additional reading printed on p. 3 of cover.] \* Paper, 45c.  $\bullet$  Item 830-G  
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## NASA SP (series).

NAS 1.21: (nos.)

- 14837 202. Aerospace food technology, principal addresses at conference co-sponsored by National Aeronautics and Space Administration and National Academy of Sciences at University of South Florida, St. Petersburg, Fla., Apr. 15-17, 1969 [with lists of references], 1970, xiii+204 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.)  $\Phi$  Paper, \$3.00  
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- 14838 215. 5th annual NASA-University Conference on Manual Control [Massachusetts Institute of Technology, Cambridge, Mass., Mar. 27-29, 1969 [papers, with bibliographies]. [1970.] vii+713 p. il. 4° ([Scientific and Technical Information Division, Office of Technology Utilization.]) [Sponsored jointly by National Aeronautics and Space Administration and Massachusetts Institute of Technology.]  $\Phi$  Paper, \$3.00.  
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- 14839 231. EXAMETNET data report series: [Experimental InterAmerican Meteorological Rocket Network] annual report 1968, 1970, vii+173+[9] p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) [Prepared under contract for NASA's Wallops Station and Exametnet Executive Committee by Shellenger Research Laboratories, University of Texas at El Paso. Foreword is in English, Spanish, and Portuguese. Includes list of EXAMETNET and related publications, reports, and handbooks.]  $\Phi$  Papers, \$3.00.  
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- 14840 233. Optical telescope technology, workshop held at Marshall Space Flight Center, Huntsville, Ala. Apr. 29–May 1, 1969 [papers, with lists of references]; prepared by Office of Space Science and Applications. 1970. xii+783 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) \* Paper, \$6.25. ● Item 830-1  
L.C. card 79-605809
- 14841 235. Apollo 12, preliminary science report [with lists of references]; prepared by NASA Manned Spacecraft Center. 1970. xii+227 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) \* Paper, \$3.00  
L.C. card 73-606625
- 14842 3035. Ray tracing digital computer program for study of magnetospheric duct propagation; [by] Jayaram Ramasastry and Edward J. Walsh. 1970. v+296 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) [Prepared by NASA Electronics Research Center.] \* Paper, \$3.00  
L.C. card 74-608594
- 14843 7035. NASA scientific and technical reports and publications for 1969, selected listing; [prepared by NASA Scientific and Technical Information Facilities]. May 1970. ix+512+429 p. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) \* Paper, \$7.50. ● Item 830-1  
L.C. card 64-61468
- 14844 7500 (04). Management, continuing literature survey, with indexes; selection of annotated references to unclassified reports and journal articles entering NASA and DoD information systems in 1969. Information Division, Office of Technology Utilization.) \* Paper, \$3.00.  
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## NASA technical note TN (series).

NAS 1.14: D—(nos.)

- 14845 D-5630. Examples of usefulness of satellite data in general atmospheric circulation research: pt. 1, Monthly global atmospheric circulation characteristics as reflected in TIROS VII radiometric measurements [with list of references]; by Lewis J. Allison [and others]. Dec. 1969. cover title, iv+75 p. il. 4° \* Paper, \$3.00  
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- 14847 [This entry number not used.]
- 14848 D-5695. Wind-tunnel investigation of V/STOL transport model with 6 wing-mounted lift fans [with list of references]; by William A. Newsom, jr., and Frederick L. Moore. Mar. 1970. cover title [1]+120 p. il. 4° \* Paper, \$3.00.
- 14849 D-5747. Computer-made motion pictures and time history plots of ion-polar-molecule collisions [with list of references]; by John V. Dugan, jr., R. Bruce Canright, jr., and Raymond W. Palmer. June 1970. cover title, [1]+33 p. il. 4° \* Paper, \$3.00.  
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- 14850 D-5840. Deployment and performance characteristics of 5-foot-diameter (1.5m) attached inflatable decelerator at Mach numbers 2.2 to 4.4 [with list of references]; by Herman I. Bohon and R. Miserentino. Aug. 1970. cover title, [1]+43 p. il. 4° \* Paper, \$3.00.
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- 14862 D-5903. Effects of angle of attack and bluntness on hypersonic flow over 15° semiapex cone in helium [with list of references]; by Joseph W. Cleary and Charles E. Duller. Aug. 1970. cover title, iv+40 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14863 D-5907. Inverse-method solution for radiating, nonadiabatic equilibrium inviscid flow over blunt body [with list of references]; by Ralph A. Falanga and Edward M. Sullivan. Aug. 1970. cover title, [1]+34 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14864 D-5909. First-order effects of plane surfaces on kinetic behavior of gases [with list of references]; by Willard E. Meador. Aug. 1970. cover title, [2]+20 p. il. 4°  $\Phi$  Paper, \$3.00.
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- 14866 D-5917. Magnetic force upset welding of dissimilar thickness stainless-steel T-joints [with list of references]; by Kenneth H. Holko. July 1970. cover title, [1]+29 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14867 D-5918. Solid-state welding of TD-nickel bar [with list of references]; by Thomas J. Moore and Kenneth H. Holko. July 1970. cover title, [1]+38 p. il. 4°  $\Phi$  Paper, \$3.00.  
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- 14870 D-5927. p-p and p-t final state interactions in reaction<sup>s</sup> He(d-tp)p [with list of references]; by R. E. Warner [and others]. Aug. 1970. cover title, ii+24 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14871 D-5928. Turbine aerodynamic and cooling requirements for turbojet powered Mach 3 transport using methane fuel [with list of references]; by David G. Evans, Keith A. Furgalus, Francis S. Stepka. Aug. 1970. cover title, iii+78 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14872 D-5929. Block and strip solutions involving lunar orbiter photographic data used to prepare contour charts for five Apollo landing sites [with list of references]; by Ruben L. Jones. Aug. 1970. cover title, [1]+68 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14873 D-5931. Air permeability studies of lightweight coated fabric subjected to uniaxial tensile loads with and without prior cycling [with list of references]; by Jerry W. Deaton. Aug. 1970. cover title, [1]+22 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14874 D-5932. Full-scale wind tunnel investigation of aerodynamic characteristics of X-24A lifting body aircraft [with list of references]; by Kenneth W. Mort and Michael D. Falarski. Aug. 1970. cover title, iv+54 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14875 D-5934. Application of Brouwer's artificial-satellite theory to computation of state transition matrix [with list of references]; by George H. Born and James C. Kirkpatrick. Aug. 1970. cover title, iv+35 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14876 D-5937. Effects of two-dimensional sinusoidal waves on heat transfer and pressure over plate at Mach 8.0 [with list of references]; by Leonard M. Weinstein. Aug. 1970. cover title, [1]+42 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14877 D-5938. Compressive and column strengths of aluminum tubing with various amounts of unidirectional boron/epoxy reinforcement [with list of references]; by H. Benson Dexter. Aug. 1970. cover title, [1]+32 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14878 D-5939. Adaptive controller for space base spin plane orientation [with list of references]; by Willard W. Anderson and Ralph W. Will. Aug. 1970. cover title, [1]+38 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14879 D-5940. Fixed-base visual simulation of obstacle avoidance during terminal descent of advanced Apollo spacecraft with all-flexible parawing [with list of references]; by G. Kimball Miller, Jr. Aug. 1970. cover title, [1]+49 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14880 D-5941. Parametric design of interplanetary and orbital trajectories with examples for Mars 1973, 1975, and 1977 opportunities [with list of references]; by John F. Newcomb and William F. Hampshire II. Aug. 1970. cover title, [1]+78 p. il. 4°  $\Phi$  Paper, \$3.00.
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# GOVERNMENT PUBLICATIONS

## NASA technical note TN (series)—Continued

- 14882 D-5943. Measured and predicted longitudinal vibrations of liquid propellant two-stage launch vehicles [with list of references]; by Robert R. Clary and Lloyd J. Turner, jr. Aug. 1970. cover title, [1]+60 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14883 D-5951. Approximation for distribution of flow properties in angle-of-attack plane of conical flows [with list of references]; by Joseph W. Cleary. Aug. 1970. cover title, iv+34 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14884 D-5952. Method for predicting pressures on elliptic cones as supersonic speeds [with list of references]; by George E. Kaattari. Aug. 1970. cover title, iv+23 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14885 D-5953. High precision Chebyshev series approximation to exponential integral [with list of references]; by Kim L. Lee. Aug. 1970. cover title, [1]+23 p. 4°  $\Phi$  Paper, \$3.00.  
L.C. card 71-608754
- 14886 D-5954. Optimization of self-acting thrust bearings for load capacity and stiffness [with list of references]; by Bernard J. Hamrock. Aug. 1970. cover title, [1]+27 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14887 D-5955. Stress concentration due to hyperboloid cavity in thin plate [with list of references]; by Robert E. Reed, jr., and Philip R. Wilcox. Aug. 1970. cover title, iii+17 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14888 D-5961. Interaction of intermediate energy protons with light nuclei [with list of references]; by W. K. Roberts and others]. Aug. 1970. cover title, iii+55 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14889 D-5968. Investigation of initial century series ringsail parachute; by Leland C. Norman, and Kenneth L. Sutt. Aug. 1970. cover title, vi+54 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14890 D-5972. Investigation of optimum detection scheme for star-field mapping system [with list of references]; by Melvin D. Aldridge and Leonard Credeur. Sept. 1970. cover title, [1]+32 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14891 D-5975. Predetection polarization diversity combiner [with list of references]; by Chase P. Hearn. Sept. 1970. cover title, [1]+29 p. il. 4°  $\Phi$  Paper, \$3.00.

## NASA technical report R (series).

NAS 1.12:(nos.)

- 14892 338. Program analysis, problem in man-computer communication [with list of references]; by Joseph Green. June 1970. cover title, v+129 p. il. 4°  $\Phi$  Paper, \$3.00.  
L.C. card 78-607772
- 14893 340. Temperature, pressure, density, and wind measurements in stratosphere and mesosphere [with list of references]; by W. S. Smith [and others]. Aug. 1970. cover title, iii+77 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14894 341. Integration of relativistic equations of motion of an artificial earth satellite [with list of references]; by Abolghassem Ghaffari. July 1970. cover title, iii+9 p. il. 4°  $\Phi$  Paper, \$3.00.
- 14895 342. Global navigation and traffic control using satellites [with list of references]; by Leo M. Keane [and others]. July 1970. cover title, [1]+26 p. il. 4°  $\Phi$  Paper, \$3.00.

## NASA technical translation TT (series)

NAS 1.13/2:(nos.)

- 14896 F-603. Systems for deflection of jet streams of turbo-jet engines [with list of references]; by A. A. Svyatogorov, K. N. Popov, and N. I. Khvostov. Mar. 1970. cover title, vi+202 p. il. 4° [Translation of Ustroystva dlya otkloneniya reaktivnoy strui turboreaktivnykh dvigateley, Mashinostroyeniye Press, Moscow, 1968.  $\Phi$  Paper, \$3.00.  
L.C. card 75-606647
- 14897 F-610. Problem of operational reliability of flight control systems and automatic piloting of aircraft [with list of references]; by Olaf Peters. Aug. 1970. cover title, vii+137 p. il. 4° [Dissertation Technische Universitat, Berlin 1967.]  $\Phi$  Paper, \$3.00.  
L.C. card 78-608710
- 14898 F-617. Atmosphere of Planet Jupiter [with list of references]; by V. G. Teyfel'. July 1970. cover title, iii+168 p. il. 4° [Nauka Press, Moscow, 1969.]  $\Phi$  Paper, \$3.00.  
L.C. card 70 608719

- 14899 Scientific and technical aerospace reports, semiannual indexes, v. 8, nos. 1-12, Jan-June 1970. June 30, 1970. \* Paper, \$10.75 per set of 2 volumes.

● Item 830-K

L.C. card 64-39060

NAS 1.9/5: 8/1-12/sec.1,2

sec. 1. Subject index. viii+783 p. 4°

sec. 2. Personal author, corporate source, contract number, report/accesion number, accession/report number indexes. [839] p. 4°

NOTE.—Also sold on subscription. \* Paper, \$30.00 a year, \$5.00 additional for foreign mailing.

- 14900 21st semiannual report to Congress, Jan. 1-June 30, 1969. [1970.] xvi+232 p. il. [Text on p. 2 of cover. Also issued as H. doc. 314, 91st Congress, 2d session.] \* Paper, \$1.25. ● Item 830-A

L.C. card 59-61976

NAS 1.1: 969

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

**NATIONAL AIR POLLUTION CONTROL ADMINISTRATION, Health,  
Education, and Welfare Dept., Washington, DC 20204**

- 14901 Air pollution report Federal facilities: Metropolitan Toledo interstate air quality control region [with list of references and notes; by] Charles A. Kossack. Aug. 1970. [3]+13 p. il. 4° † ● Item 483-E  
L.C. card 77-607264 HE 20.1310/2: T 57
- National Air Pollution Control Administration publication AP (series).
- 14902 59. Climate of cities, survey of recent literature [with list of references]; by James T. Peterson. Oct. 1969. [2d printing Sept. 1970]. v+48 p. il. \* Paper, 55c. ● Item 483-E  
L.C. card 70-604448 HE 20.1309: 59
- National Air Pollution Control Administration publication APTD (series).
- 14903 70-2. Large power plant effluent study [LAPPES]: v. 1. Instrumentation, procedures, and data tabulations, 1968 [with list of references; by] Francis A. Schiermeier and Lawrence E. Niemeyer. June 1970. vii+410 p. il. 4° [Some illustrations are colored.] † Office of Technical Information and Publications, 1033 Wade Ave., Raleigh, NC 27605 ● Item 483-E  
L.C. card 70-608933 HE 20.1309/2: 70-2
- 14904 Report for consultation on metropolitan Chicago interstate air quality control region (Indiana-Illinois) [with lists of references]. Sept. 1968. [published 1970]. [1]+85 p. il. 4° † ● Item 483-E  
L.C. card 77-600866 HE 20.1310: C 43

**NATIONAL ARCHIVES AND RECORDS SERVICE, General Services  
Administration, Washington, DC 20408**

- 14905 For all the people, Harry S. Truman Library [film]. [1970.] [2] p. 4° folded into oblong 48° size. † GS 4.2: T 77/2
- General information leaflet.
- 14906 4. List of slides. [1970.] [1]+8+[2] p. narrow 5° ([70-9]) † GS 4.22: 4
- 14907 Military operations of Civil War, guide-index to Official records of Union and Confederate Armies, 1861-65, v. 2: Main eastern theater of operations, 3d fascicle, sec. M, Comprehensive index of recognized military operations, 2d part; [compiled by Dallas Irvine]. 1970. cover title, 173-254 p. 4° ([National Archives publication 68-11]; National Archives.) [Contents by volume and section on p. 4 of cover.] \* Paper, \$1.00. ● Item 569-D  
L.C. card 73-604454 GS 4.21: 2/3

National Archives inventory series.

- 14908 2. Records of the United States Marine Corps, National Archives inventory record group 127; compiled by Maizie Johnson. 1970. viii+90 p. 4° (National Archives.) †  
L.C. card 78-607015 GS 4.10/2: 2

National Archives microfilm publications: Pamphlet accompanying [microcopy]. (National Archives.) † GS 4.20:(nos.)

- 14909 44. Despatches from United States Ministers to German States and Germany, 1799-1801, 1835-1906; [prepared by Ralph E. Huss]. 1970. cover title, 11 p.
- 14910 61. Foreign letters of Continental Congress and Department of State, 1785-90. 1970. cover title, 2 p. [Text on p. 2 of cover.]
- 14911 326. Index to passenger lists of vessels arriving at Baltimore (city passenger lists), 1833-66; [prepared by Joyce D. Ciarrocchi.] 1970. cover title, 7 p.
- 14912 646. Records of Department of State relating to political relations between Bolivia and other States, 1910-29; [prepared by Ralph E. Huss]. 1970. cover title, [6] p.
- 14913 748. Records of Department of State relating to political relations between Peru and other States, 1910-29; [prepared by Frank S. Soriano]. 1970. cover title, 7 p.

**NATIONAL BUREAU OF STANDARDS, Commerce Dept.  
Gaithersburg, MD 20760**

Building science series. ● Item 241-A

C 13.29/2:(nos.)

- 14914 28. Exploratory studies of early strength development in Portland cement pastes and mortars [with list of references; by] R. L. Blaine and L. A. Tomes. July 1970. ii+11 p. il. 4° (Building Research Division, Institute for Applied Technology.) \* Paper, 25c.

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



# GOVERNMENT PUBLICATIONS

## Building science series—Continued

- 14915 31. Flexural behavior of prestressed concrete composite tee-beams [with list of references; by] J. O. Bryson and E. F. Carpenter. July 1970. ii+12 p. il. 4°  
\* Paper, 25c.  
L.C. card 75-608755

- 14916 Directory of standards laboratories; prepared by National Conference of Standards Laboratories. 1969 edition. [1969.] cover title, [51] p. 4°  
[Text on p. 2 of cover.] † C 13.2: St 2/2/969

Federal information processing standards publication, FIPS pub. [Issued with perforations.] \* Paper, \$12.00 (including all new FIPS publications and supplements for an indefinite period), \$3.00 additional for foreign mailing; single copies vary in price. ● Item 248-D

C 13.52:(nos.)

- 14917 5-1. States and outlying areas of United States. June 15, 1970. cover title, 4 p. 4°  
(Federal general data standard, representations and codes.) [Text on p. 2 of cover. Supersedes FIPS pub. 5, Nov. 1, 1968.] \* Paper, 20c.
- 14918 6-1. Counties and county equivalents of States of United States. June 15, 1970. cover title, 34 p. il. 4° (Federal general data standard representations and codes.) [Text on p. 2 of cover. Supersedes FIPS Pub 6, Nov. 1, 1968.] \* Paper, 45c.
- 14919 10. Countries, dependencies and areas of special sovereignty. June 15, 1970. cover title, 23 p. 4° (Federal general data standard representations and codes.) [Text on p. 2 of cover.] \* Paper, 35c.

- 14920 Measurement users bulletin, no. 11: Supplement to NBS special publication 250, 1968 edition. Aug. 1970. 2+9 p. 4° [Issued with perforation.] † ● Item 247 C 13.10: 250/3/supp.-10

## Special publications. ● Item 247

C 13.10:(nos.)

- 14921 260. Price and availability listing of standard reference materials, supplement. July 1970. [2]+12 p. 4° [Office of Standard Reference Materials.] †
- 14922 300. Precision measurement and calibration, selected NBS papers [with bibliographies]: v. 4. Electricity-radio frequency; Arthur J. Estlin, editor. June 1970. xiii+437 p. il. 4° [Compilation of previously published papers by staff of National Bureau of Standards, including selected abstracts by NBS and non-NBS authors. Includes official SI unit names and symbols list on p. 3 of cover.] \* Cloth, \$5.50.  
L.C. card 68-60042
- 14923 331. Radioactivity calibration standards, proceedings of special session of International Conference of American Nuclear Society meeting on constructive uses of atomic energy, Washington, D.C., Nov. 10-15, 1968 [papers, with bibliographies]; edited by W. B. Mann and S. B. Garfinkel. Aug. 1970. iv+118 p. il. 4° \* Paper, \$1.25.  
L.C. card 74-608945

## Technical notes. ● Item 249-A

C 13.46:(nos.)

- 14924 535. Compilation and use of criminal court data in relation to pre-trial release of defendants, pilot study [with list of references and bibliography; by] J. W. Locke and others]. Aug. 1970. vi+236 p. 4° (Technical Analysis Division, Institute for Applied Technology.) \* Paper, \$1.75.
- 14925 537. Nomographs for use in fabrication and testing of Ge(Li) detectors [with list of references; by] Alvin H. Sher. Aug. 1970. iii+16 p. il. 4° \* Paper, 30c.
- 14926 538. Automated fingerprint identification [with list of references; by] J. H. Wegstein. Aug. 1970. iii+31 p. il. 4° \* Paper, 40c.  
L.C. card 73-609146
- 14927 553. Critical evaluation of data in physical sciences, status report on national standard reference data system. June 1970; David R. Lide, jr., editor. Sept. 1970. iv+73 p. 4° [Includes list of publications issued in NSRDS series.] \* Paper, 70c.  
L.C. card 73-609146

## Voluntary product standard PS (series). [Office of Engineering Standards Service.] ● Item 243

C 13.20/2:(nos.)

- 14928 24-70. Melamine dinnerware (alpha-cellulose-filled) for household use. [Aug. 1970.] [2]+8+[1] p. [Effective Apr. 1, 1960. Supersedes Commercial standard CS 210-57.] \* Paper, 10c.
- 14929 25-70. Heavy-duty alpha-cellulose-filled melamine tableware. [Aug. 1970.] [2]+6+[2] p. [Effective Apr. 1, 1970. Supersedes Commercial standard CS 173-50.] \* Paper, 10c.
- 14930 27-70. Mosaic-parquet hardwood slat flooring. [Sept. 1970.] [2]+11 p. [Effective Apr. 15, 1970.] \* Paper, 25c.
- 14931 28-70. Glass stopcocks with polytetrafluoroethylene (PTFE) plugs. [Sept. 1970.] [2]+18 p. [Effective May 1, 1970.] \* Paper, 25c.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



**NATIONAL CANCER INSTITUTE, Health, Education, and Welfare Dept.  
Bethesda, MD 20014**

Research report.

- 14932 Research on malignant diseases of brain. [1970.] [3]+20 p. il. (Research Information Branch.) [Includes list of other publications available on p. 3 of cover.] \* Paper, 20c. ● Item 507-V  
L.C. card 75-608913 HE 20.3166 : B 73

**NATIONAL CENTER FOR HEALTH SERVICES RESEARCH AND  
DEVELOPMENT, Health, Education, and Welfare Dept.  
Rockville, MD 20852**

Report NCHS-RD-(series).

- 14933 70-1. Quantitative methods for evaluating hospital designs [with list of references cited; by] Gerald L. Delon and Harold E. Smalley. Apr. 1970. cover title, xiv+239 p. il. 4° [Prepared under research grant HM 00520 by School of Industrial and Systems Engineering, Georgia Institute of Technology, Atlanta, Ga. Text on p. 3 of cover.] † ● Item 391-B-2  
L.C. card 71-608939 HE 20.2110 : 70-1

**NATIONAL CENTER FOR HEALTH STATISTICS, Health, Education,  
and Welfare Dept., Washington, DC 20201**

Vital and health statistics: Series 2, Data evaluation and methods research.

- 14934 38. Estimation and sampling variance in health interview survey [with list of references]. June 1970. iv+28 p. il. 4° ([Public Health Service publication 1000, series 2, no. 38; Office of Statistical Methods.]) \* Paper, 35c.  
● Item 500-E  
L.C. card 76-605819 HE 20.2210 : 2/38

— Series 11, Data from National Health Survey.

- 14935 103. School achievement of children 6-11 years, as measured by reading and arithmetic subtests of wide range achievement test, United States [with list of references; by K. Warner Schaie and Jean Roberts]. June 1970. iv+47 p. il. 4° ([Public Health Service publication 1000 series 11, no. 103; Division of Health Examination Statistics.]) [Prepared in cooperation with Bureau of Census.] \* Paper, 50c. ● Item 500-E  
L.C. card 76-605827 HE 20.2210 : 11/103

— Series 13, Data from National Health Survey.

- 14936 6. Inpatient utilization of short-stay hospitals by diagnosis, United States, 1965 [with list of references; by Edythe A. Gray]. May 1970. iv+77 p. il. 4° ([Public Health Service publication 1000, series 13, no. 6; Division of Health Resources Statistics.]) \* Paper, 75c. ● Item 500-E  
L.C. card 74-606557 HE 20.2210 : 13/6

**NATIONAL CENTER FOR SOCIAL STATISTICS, Health, Education,  
and Welfare Dept., Washington, DC 20201**

- 14937 Concurrent receipt of public assistance money payments and old-age, survivors, and disability insurance cash benefits by persons aged 65 or over, 1948-70 and Feb. 1970. [1970.] 1 p. 4 tabs., 4° (NCSS report G-2 (2/70).) [Issued with perforations.] † HE 17.636 : 948-70
- 14938 Public assistance: Vendor payments for medical care by type of service, calendar year Dec. 31, 1969. [1970.] [12] p. 4° (NCS report B-2 (CY 69).) [Issued with perforations.] †  
L.C. card 70-603030 HE 17.617 : 969-2

- 14939 Statistical report on social services, quarter ended Sept. 30, 1969. [1969.] [8] p. 4° (NCSS report E-1 (7/69-9/69.)) [Issued with perforations.] †  
HE 17.628 : 969-2

**NATIONAL CLEARINGHOUSE FOR DRUG ABUSE INFORMATION  
5454 Wisconsin Avenue, Chevy Chase, MD 20015**

- 14940 Federal source book: Answers to most frequently asked questions about drug abuse. [1970.] cover title, [1]+30 p. [Produced jointly by Defense Department, Health, Education, and Welfare Department, Justice Department, Labor Department, Economic Opportunity Office.] \* Paper, \$18.75 per 100; single copy 25c. ● All libraries. PrEx 13.2: An 8/rep.

# GOVERNMENT PUBLICATIONS

- 14941 Selected drug education curricula: Curriculum guide for drug education grades 6-12 Tacoma Public Schools, Tacoma, Wash. [1970.] [6]+19 +[35] p. 4° [Reprinted with permission from Tacoma Public Schools, Tacoma, Wash. One of a series.] \* Paper, 60c. ● Item 831-C  
L.C. card 76-608530 PrEx 13.8: Ed 8/6
- 14942 Drug abuse education, 1968, grades 6, 9, 12 Baltimore County Board of Education, Towson, Md. [1970.] cover title, [5]+ii+108 p. il. 3 pl. 4° [Reprinted with permission from Division of Instructional Services, Board of Education of Baltimore County, Towson, Md. Includes suggested reading list for adults. One of a series.] \* Paper, \$1.00. ● Item 831-C  
L.C. card 76-608530 PrEx 13.8: Ed 8
- 14943 Drug abuse education unit, grades K-12, South Bay Union School District, Imperial Beach, Calif. [1970.] cover title, [5]+47+[9]+68 p. il. 4° [Reprinted with permission from South Bay Union School District, Imperial Beach, Calif. One of a series.] \* Paper, \$1.25. ● Item 831-C  
L.C. card 76-608530 PrEx 13.8: Ed 8/4
- 14944 Drugs and hazardous substances, grades K-12, San Francisco Unified School District, San Francisco, Calif. [with lists of Teachers references]. [1970.] cover title, [209] p. 4° [Reprinted with permission from San Francisco Unified School District. One of a series.] \* Paper, \$1.75. ● Item 831-C  
L.C. card 76-608530 PrEx 13.8: Ed 8/7
- 14945 Narcotic and drug education, grades K-12, Flagstaff Public Schools, Flagstaff, Ariz. [1970.] cover title, [3]+iv+59 p. il. 4° [Reprinted with permission from Flagstaff Public Schools, Flagstaff, Ariz. Includes list of resources for drug abuse unit. One of a series.] \* Paper, 65c. ● Item 831-C  
L.C. card 76-608530 PrEx 13.8: Ed 8/2
- 14946 Strand 2, Sociological health problems, grades 4-6, New York State Education Department, Albany, N.Y. [with list of references and readings]. [1970.] cover title, [3]+viii+58 p. il. 4° [Includes lists of Student and teacher references. Reprinted with permission from Bureau of Health Education, New York State Education Department, Albany, N.Y. One of a series.] \* Paper, 65c. ● Item 831-C  
L.C. card 76-608530 PrEx 13.8: Ed 8/3
- 14947 Tobacco, drug, and alcohol unit, grade 6, Great Falls School District no. 1, Great Falls, Mont. [with bibliography; prepared by Donna Aafedt and others]. [1970.] cover title, [3]+133 p. il. 4° [Reprinted with permission Great Falls School District no. 1, Instructional and Library Materials Center. One of a series.] \* Paper, \$1.25. ● Item 831-C  
L.C. card 76-608530 PrEx 13.8: Ed 8/8

## NATIONAL COLLECTION OF FINE ARTS, Smithsonian Institution Washington, DC 20560

- 14948 Leonard Baskin, essay [with bibliography]; by Alan Fern, annotated by Leonard Baskin. 1970 [4]+76 p. il. 4° \* Paper, 75c.  
L.C. card 76-606653 SI 6.2: B 29

## NATIONAL COMMISSION ON REFORM OF FEDERAL CRIMINAL LAWS, 1111 20th St. N.W., Washington, DC 20036

NOTE.—The National Commission on Reform of Federal Criminal Laws was established by Public Law 89-801, approved Nov. 8, 1966.

Study draft [and Working papers relating to chapters of Study draft] of new Federal criminal code (Title 18, United States Code). \* Paper, \$8.25 per set of 3 volumes. ● Item 1089

- 14949 Study draft. 1970. [1]+lxvi+344 p.  
Working papers. [July 1970.] 2v. [lxx]+1448+[xv] p.  
L.C. card 72-608600 Y 3.N 21/26: 2 C 86

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**NATIONAL COMMUNICABLE DISEASE CENTER, Health, Education,  
and Welfare Dept., Atlanta, GA 30333**

- 14950 Health information for international travel. [Apr. 1970.] [21]+6+[8] p. il. 24° ([Public Health Service publication 2045.]) \* Paper, \$6.50 per \$100; single copy, 10c. ● Item 504 HE 20.2302: T 69
- 14951 United States immunization survey, 1969 [with list of references; prepared by Immunization Branch, State and Community Services Division]. [Feb. 1970.] [2]+52 p. 4° [Prepared in cooperation with Demographic Surveys Division, Bureau of Census.] † L.C. card 75-608144 HE 20.2314: 969

**NATIONAL CREDIT UNION ADMINISTRATION  
1325 K St. N.W., Washington, DC 20256**

NOTE.—The National Credit Union Administration was established by Public law 91-206, approved Mar. 10, 1970.

- 14952 1969 annual report of Federal credit union program. [1970.] [5]+111 p. il. 4 [Text on p. 2 of cover.] † ● Item 525 NCU 1.1: 969

**NATIONAL EYE INSTITUTE, Health, Education, and Welfare Dept.  
Bethesda, MD 20014**

- 14953 1969 conference of Model Reporting Area for Blindness, proceedings, May 22-23, 1969, Bethesda, Md. [papers, with lists of references]. [1970.] viii+96 p. il. \* Paper, 50c. ● Item 507-Y HE 20.3759/2: 969

**NATIONAL GUARD BUREAU, Defense Dept.  
Washington, DC 20310**

- 14954 Annual report, chief, National Guard Bureau, fiscal year 1969. [1970.] 96 p. il. 4° † L.C. card 30-5138 D 12.1: 969

NGB pamphlet.

- 14955 44-6. Announcement of winners, Eisenhower trophy [calendar year 1969]. [July 1, 1970.] cover title, 4+[1] p. 4° (Departments of Army and Air Force.) [Issued with perforations. Supersedes NGB pam 44-6, Sept. 15, 1969.] † ● Item 358 D 12.8: 44-6/7

- 14956 Official Army National Guard register, 1970; Jan. 1, 1970. 1970. xiv+346 p. +[2] leaves, 4° † ● Item 358-A L.C. card 22-26684 D 12.9: 970

**NATIONAL HIGHWAY SAFETY BUREAU, Transportation Dept.  
Washington, DC 20591**

NOTE.—As a result of reorganization within the Department of Transportation effective Mar. 22, 1970 the National Highway Safety Bureau has been removed from the Federal Highway Administration and established as a separate operating administration within the Department of Transportation.

- 14957 Alcohol safety countermeasures program. June 8, 1970. [113] p. il. 4° † ● Item 982-D-1 L.C. card 73-607988 TD 8.2: A1 1

- 14958 Basic training program for emergency medical technician-ambulance, instructor's lesson plans [with list of references; prepared by Dunlap & Associates, Inc., Darien, Conn.]. Feb. 1970. [262] p. 4° [Prepared under contract FH-11-6967 entitled Emergency medical service, entrance level training. Issued in looseleaf form.] \* Paper, \$2.50. ● Item 982-D-3 TD 2.208: Em 3/3

- 14959 Federal motor vehicle safety standards and regulations, supp. 2, May 1970. [1970.] [36] p. 4° \* Paper, \$8.00 (including basic manual and supplementary material for an indefinite period); \$2.00 additional for foreign mailing. ● Item 982-D-3 TD 2.206: M 85/969-2/supp.2

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

●Sent to Depository Libraries



# GOVERNMENT PUBLICATIONS

- 14960 Highway safety literature, annual indexes to issues 69-1 thru 69-50, Jan.-Dec. 1969. [1970] cover title, v+188 p. 4° [Includes Personal author index, Corporate author index, Subject (search term) index.] †  
 ● Item 982-D-4  
 L.C. card 70-604109 TD 8.10/2: 69-1 thru 69-50

## Multidisciplinary accident investigation, case DOT HS (series).

L.C. card 70-608959

TD 8.11: (nos.)

- 14961 600 001. Case 51-53. Three vehicle intersection collision-rollover, fire; prepared by University of Rochester, Rochester, N.Y. May 1970, cover title, 41 p. ll. 4° Φ Paper, \$3.00 (PB 190 326).
- 14962 600 004. Case 4, Three car rear end collision; prepared by Ohio State University [Highway Accident Research Group] Columbus, Ohio, May 1970, cover title, [41]+[24]+30 p. ll. 4° [Includes copyright material.] Φ Paper, \$3.00 (PB 190 320).
- 14963 600 010. Case 7, Truck-car intersection collision; prepared by Research Triangle Institute, Durham, N.C. May 1970, cover title, [50] p. ll. 4° [Includes copyright material.] Φ Paper, \$3.00 (PB 190 335).
- 14964 600 016. Case 4, Two-car intersection collision; prepared by Research Triangle Institute, Durham, N.C. May 1970, cover title, [50] p. ll. 4° [Includes copyright material.] Φ Paper, \$3.00 (PB 190 341).
- 14965 600 028. Case 10, Head on collision; prepared by Ohio State University, Columbus, Ohio, May 1970, cover title, 39 p. ll. 4° [Includes copyright material.] Φ Paper, \$3.00 (PB 190 511).
- 14966 600 031. Case 004-69, Two vehicle intersection collision; prepared by [James T. Weston] University of Utah, Salt Lake, Utah, May 1970, cover title, 83 p. ll. 4° [Contract FH-11-7221. Includes copyright material.] Φ Paper, \$3.00 (PB 190 514).
- 14967 600 033. Case 6904, Pickup truck-fixed object impact; prepared by [J. Robert Cromack], Southwest Research Institute, San Antonio, Tex. May 1970, cover title, 77 p. ll. 4° [Contract FH-11-7219. Includes copyright material.] Φ Paper, \$3.00 (PB 190 516).
- 14968 600 034. Case 003-69, Car-off road, rollover; prepared by University of Utah, Salt Lake City, Utah, May 1970, cover title, [93] p. ll. 4° Φ Paper, \$3.00 (PB 190 517).
- 14969 600 040. Case UC852D, Train versus automobile collision at intersection/railroad crossing; prepared by University of California, Los Angeles, Calif. May 1970, cover title, 59 p. ll. 4° [Contract FH-11-6690. Includes copyright material.] Φ Paper, \$3.00 (PB 190 724).
- 14970 600 042. Case UC1143D, Vehicle impact with fixed object; prepared by University of California, Los Angeles, Calif. May 1970, cover title, 54 p. ll. 4° [Contract FH-11-6690. Includes copyright material.] Φ Paper, \$3.00 (PB 190 726).
- 14971 600 043. Case UC1146D, Vehicle impact with fixed object; prepared by University of California, Los Angeles, Calif. May 1970, cover title, 61 p. ll. 4° [Contract FH-11-6690. Includes copyright material.] Φ Paper, \$3.00 (PB 190 727).
- 14972 600 044. Case UC11 77D, Vehicle impact with fixed object; prepared by University of California, Los Angeles, Calif. May 1970, cover title, 52 p. ll. 4° [Contract FH-11-6690. Includes copyright material.] Φ Paper, \$3.00 (PB 190 728).
- 14973 600 046. Case MVD-21, Car/train collision; [prepared by John R. Finch, James P. Smith] Baylor College of Medicine, Houston, Tex. May 1970, cover title, [45] p. ll. 4° [Contract FH-11-7254. Includes copyright material.] Φ Paper, \$3.00 (PB 190 730).
- 14974 600 047. Case MVD-20, Three vehicle intersection collision; [prepared by John R. Finch, James P. Smith] Baylor College of Medicine, Houston, Tex. May 1970, cover title, [54] p. ll. 4° [Contract FH-11-7254. Includes copyright material.] Φ Paper, \$3.00 (PB 190 731).
- 14975 600 048. Case 005-69, Single vehicle rollover; prepared by University of Utah, Salt Lake City, Utah, May 1970, cover title, [94] p. ll. 4° Φ Paper, \$3.00 (PB 190 732).
- 14976 600 049. Case 6970 01, T-intersection collision, prepared by University of Miami, Coral Gables, Fla. May 1970, cover title, [37] p. 4° Φ Paper, \$3.00 (PB 190 733).
- 14977 600 051. Case MVD-23, Rear end collision; prepared by [John R. Finch and James P. Smith], Baylor College of Medicine, Houston, Tex. May 1970, cover title, [48] p. ll. 4° [Contract FH-11-7254. Includes copyright material.] Φ Paper, \$3.00 (PB 190 735).
- 14978 600 056. Case MCR-69-O, Tire explosion; prepared by Indiana University, Bloomington, Ind. May 1970, cover title, [46] p. ll. 4° [Contract FH-11-7244.] Φ Paper, \$3.00 (PB 190 740).
- 14979 600 057. Case MVD-22, Two vehicle intersection collision; prepared by [John R. Finch and James P. Smith], Baylor College of Medicine, Houston, Tex. May 1970, cover title, [48] p. ll. 4° [Contract FH-11-7254. Includes copyright material.] Φ Paper, \$3.00 (PB 190 741).
- 14980 600 059. Case 69-9, Head on collision; prepared by Boston University, Boston, Mass. May 1970, cover title, [31]+3+68 p. ll. 4° [Contract FH-11-6795.] Φ Paper, \$3.00 (PB 190 743).

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- 14982 600 065. Case 8, Train to car collision; prepared by Research Triangle Institute, Durham, N.C. May 1970. cover title, [57] p. il. 4° [Contract FH-11-7215. Includes copyright material.] Φ Paper, \$3.00 (PB 190 749).
- 14983 600 066. Case MCR-69-3, Fixed object impact; prepared by Indiana University, Bloomington, Ind. May 1970. cover title, [109] p. il. 4° [Contract FH-11-7244. Includes copyright material.] Φ Paper, \$3.00. (PB 190 750).
- 14984 600 080. Case MVD-27, Rear end collision; prepared by [John R. Finch and James P. Smith], Baylor College of Medicine, Houston, Tex. June 1970. cover title, 46 p. il. 4° [Contract FH-11-7254. Includes copyright material.] Φ Paper, \$3.00.
- 14985 600 081. Case MVD-29, Intersection collision; prepared by [John R. Finch and James P. Smith], Baylor College of Medicine, Houston, Tex. June 1970. cover title, 46 p. il. 4° [Contract FH-11-7254. Includes copyright material.] Φ Paper, \$3.00.
- 14986 600 082. Case MVD-30, Car/parked car—rear end/front end collision; prepared by [John R. Finch and James P. Smith], Baylor College of Medicine, Houston, Tex. June 1970. cover title, 52 p. il. 4° [Contract FH-11-7254. Includes copyright material.] Φ Paper, \$3.00.
- 14987 600 086. Case MCR-69-4, Car/trees, rollover; prepared by Indiana University, Bloomington, Ind. June 1970. cover title, 85 p. il. 4° [Contract FH-11-7244. Includes copyright material.] Φ Paper, \$3.00.
- 14988 600 094. Case UNM 03, Two car intersection rollover; prepared by University of New Mexico, Albuquerque, N. Mex. June 1970. cover title, 58 p. il. 4° [Contract FH-11-7216. Includes copyright material.] Φ Paper, \$3.00.
- 14989 600 095. Case UNM 04, Car/truck collision, fire; prepared by University of New Mexico, Albuquerque, N. Mex. June 1970. cover title, 58 p. il. 4° [Contract FH-11-7216. Includes copyright material.] Φ Paper, \$3.00.
- 14990 600 096. Case UNM 06, Rear end collision; prepared by University of New Mexico, Albuquerque, N. Mex. June 1970. cover title, 58 p. il. 4° [Contract FH-11-7216. Includes copyright material.] Φ Paper, \$3.00.
- 14991 600 097. Case UNM 07, Single vehicle, penetration of guardrail; prepared by University of New Mexico, Albuquerque, N. Mex. [May 1970.] cover title, 55 p. il. 4° [Contract FH-11-7216. Includes copyright material.] Φ Paper, \$3.00.
- 14992 600 119. Case 009-69, Two-car collision, icy pavement; prepared by [James T. Weston] University of Utah, Salt Lake City, Utah. June 1970. cover title, 149 p. il. 4° [Includes copyright material.] Φ Paper, \$3.00.
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- 14994 600 123. Case MVD-3, Car-turnover; prepared by [John R. Finch and James P. Smith], Baylor College of Medicine, Houston, Tex. July 1970. cover title, 51 p. il. 4° [Contract FH-11-7254. Includes copyright material.] Φ Paper, \$3.00.
- 14995 600 128. Case MVD-8, Car/car-front/side; prepared by [John R. Finch and James P. Smith], Baylor College of Medicine, Houston, Tex. July 1970. cover title, 44 p. il. 4° [Contract FH-11-7254. Includes copyright material.] Φ Paper, \$3.00.
- 14996 600 129. Case MVD-9, Car/car-front/side; prepared by [John R. Finch and James P. Smith], Baylor College of Medicine, Houston, Tex. July 1970. cover title, 40 p. il. 4° [Contract FH-11-7254. Includes copyright material.] Φ Paper, \$3.00.
- 14997 600 133. Case MVD-13, Car/car-2 fixed objected-front/side; prepared by [John R. Finch and James P. Smith] [Baylor College of Medicine, Houston, Tex. July 1970. cover title, 48 p. il. 4° [Contract FH-11-7254. Includes copyright material.] Φ Paper, \$3.00.
- 14998 600 137. Case MVD-17, Car/car-front/side; prepared by [John R. Finch and James P. Smith] Baylor College of Medicine, Houston, Tex. July 1970. cover title, 43 p. il. 4° [Contract FH-11-7254. Includes copyright material.] Φ Paper, \$3.00.
- 14999 600 138. Case MVD-18, Single car-fixed object; prepared by [John R. Finch and James P. Smith] Baylor College of Medicine, Houston, Tex. July 1970. 86 p. il. 4° [Contract FH-11-7254. Includes copyright material.] Φ Paper, \$3.00.
- 15000 600 139. Case MVD-19, Auto/auto-frontend/left side; prepared by [John R. Finch and James P. Smith] Baylor College of Medicine, Houston, Tex. July 1970. 46 p. il. 4° [Contract FH-11-7254. Includes copyright material.] Φ Paper, \$3.00.
- 15001 600 140. Case MVD-28, Auto/auto; prepared by [John R. Finch] Baylor College of Medicine, Houston, Tex. July 1970. cover title, 45 p. il. 4° [Contract FH-11-7254. Includes copyright material.] Φ Paper, \$3.00.
- 15002 600 144. Case 69-30, Car/tree; prepared by Boston University, Boston, Mass. July 1970. cover title, iv+44 p. il. 4° [Contract FH-11-7402.] Φ Paper, \$3.00.
- 15003 600 147. Case 69, Fixed object impact; prepared by Georgia Institute of Technology, Atlanta, Ga. July 1970. cover title, 3-42 p. il. 4° [Includes copyright material.] Φ Paper, \$3.00.

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## Multidisciplinary accident investigations—Continued

- 15004 600 150. Case 09, Car/horse fatality; prepared by New Mexico Accident Investigation Program, Albuquerque, N. Mex. July 1970. cover title, 56 p. il. 4° [Contract FH-11-7216. Includes copyright material.] ♦ Paper, \$3.00.
- 15005 600 165. Case 006-69, Multiple vehicle collision, fixed object impact; prepared by Utah Auto Crash Research Team, Utah Station Division of Health. July 1970. cover title, 160 p. il. 4° [Includes copyright material.] ♦ Paper, \$3.00.

## NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 15006 Bacteria, the littlest cells. [1970.] [20] p. il. \* Paper, \$22.50 per 100; single copy 30c. ● Item 505-A-1 HE 20.3252; B 13

## NATIONAL INSTITUTE OF ARTHRITIS AND METABOLIC DISEASES, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 15007 Progress in methods of bone mineral measurement, conference held at Bethesda, Md., Feb. 15-17, 1968 sponsored by National Institute of Arthritis and Metabolic Disease [with lists of references]. [1970.] vii +579 p. il. 4° \* Paper, \$4.00. ● Item 507-A-25 HE 20.3302; B 64  
L.C. card 71-608624
- 15008 3d annual contractors' conference of artificial kidney program of National Institute of Arthritis and Metabolic Diseases, proceedings, Bethesda, Md., Jan. 14-16, 1970 [with lists of references]; edited by Keatha K. Krueger. [1970.] [7] +216 p. il. 4° † ● Item 506-A-6 HE 20.3314: 970  
L.C. card 68-62757

## NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT, Health, Education, and Welfare Dept. Bethesda, MD 20014

- 15009 Population research, 1968, report no. 2, Dec. 1969. [1970.] [232] p. 4° (NICHD-CSR-68; Scientific Information Centers Branch.) [Text on p. 2 of cover.] † ● Item 506-A-4 HE 20.3362: 2  
L.C. card 70-601848

## NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 15010 Man's health and the environment, some research needs, report of Task Force on Research Planning in Environmental Health Science [with lists of references]. [1970.] xix+258 p. \* Paper, \$1.25. ● Item 507-P-1 HE 20.3553; M 31  
L.C. card 78-608623

## NATIONAL INSTITUTE OF MENTAL HEALTH, Health, Education, and Welfare Dept., Chevy Chase, MD 20015

- 15011 Brother . . . don't pass it on [colored poster]. [1969.] 14 x 19.5 in. [Drug abuse warning.] \* Paper, \$11.25 per 100; single copy 15c. HE 20.2421: B 79
- 15012 Careers in psychiatry. [1970.] 2 p. il. narrow f° folded into oblong 48° size. [Public Health Service publication 2081.] † ● Item 507-B-5 HE 20.2402: P 95/2
- 15013 Coping and adaptation, behavioral sciences bibliography; edited by George V. Coelho [and others]. [1970.] vii+231 p. 4° ([Public Health Service publication 2087; National Clearinghouse for Mental Health Information.]) \* Paper, \$1.75. ● Item 507-B-9 HE 20.2417: C 79  
L.C. card 75-608850
- 15014 Don't blow it with drugs [colored poster]. [1970.] 23 x 15 in. \* Paper, \$11.25 per 100; single copy 15c. HE 20.2421: D 84
- 15015 Hashishpot, acid, speed barbiturates, LSD, will they turn you on or will they turn on you [colored poster]. 1970. 28 x 22 in. \* Paper, \$15.00 per 100; single copy, 20c. HE 20.2421: W 66

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- 15016 John was OK . . . until his momma caught him, now he can't go home any-  
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\* Paper, \$11.25 per 100; single copy 15c. HE 20.2421 : J 39

Mental health statistics: Series B, Analytical and special study reports.  
([National Clearinghouse for Mental Health Information.]

- 15017 2. Staffing patterns in mental health facilities, 1968; [by Donald R. Jones,  
Carolynne Seeman, and Carl Taube]. [1970.] vi+126 p. 4° ([National  
Clearinghouse for Mental Health Information publication 5034.]) [In-  
cludes list of related reports.] \* Paper, \$1.25. ● Item 491-A  
L.C. card 70-608917 HE 20.2415 : B/2

- 15018 Miseria [drug addiction, colored poster]. [1970.] 11 x 21 in. \* Paper,  
\$11.25 per 100; single copy 15c. HE 20.2421 : M 68

- 15019 Slavery [to drugs, colored poster]. [1970.] 11 x 21 in. [Black version.]  
\* Paper, \$11.25 per 100; single copy 15c. HE 20.2421 : SI 1

- 15020 Slavery [to drugs, colored poster]. [1970.] 11 x 21 in. [White version.]  
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**NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND  
STROKE, Health, Education, and Welfare Dept., Bethesda, MD 20014**

- 15021 Neurological and sensory disabilities, estimated numbers and cost; [pre-  
pared by Information Office]. [Revised 1970.] [1970.] [2] p. il. oblong 8°  
folded into narrow 8° size. ([Public Health Service publication 1427].)  
\* Paper, \$5.50 per 100; single copy 10c. ● Item 507-L-2  
HE 20.3502 : N 39

**NATIONAL LABOR RELATIONS BOARD  
Washington, DC 20570**

- 15022 Digest of decisions of National Labor Relations Board, annual supplement,  
July 1, 1968-June 30, 1969; [by Board's Legal Research and Special  
Projects Branch]. [1970.] iv+60+919 p. \* Paper, \$4.00. ● Item 826  
L.C. card 46-27613 LR 1.8/3 : 968-69

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

- 15023 Guide to MEDLARS services. [Revised July 1970.] [1970.] iii+21+[11] p.  
4° ([Public Health Service publication 1694.]) † ● Item 508-K  
L.C. card 78-605061 HE 20.3608 : M 46/970-2

**NATIONAL PARK SERVICE, Interior Dept.  
Washington, DC 20242**

- 15024 Baker Ranch, history, Glen Canyon National Recreation Area, Arizona-  
Utah [with bibliography]; by Lenard E. Brown. Jan. 1, 1970. [1]+iv  
+44 leaves, 19 pl., 2 maps, 4° (Division of History, Office of Archeology  
and Historic Preservation.) †  
L.C. card 78-608859 I 29.2 : B 17

- 15025 Continental Congress in New York City hall, 1785-88, background and  
evaluation study; by John D. R. Platt. May 1969. [1]+ii+55 leaves, 4°  
(Office of Archeology and Historic Preservation.) †  
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- 15026 Franklin Park, Washington, D.C. [with bibliography]; by George J.  
Olszewski. Mar. 1970. [2]+v+53 leaves, il. 25 pl. 4° (Office of History  
and Historic Architecture, Eastern Service Center.) †  
L.C. card 78-608903 I 29.2 : F 85

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Memorial Park, N. Dak. [with bibliography]. Oct. 31, 1969. [1]+vi+75  
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## Historic American Buildings Survey selections.

- 15028 2. Georgetown commercial architecture, M street, northwest Washington, District of Columbia. Feb. 1967. 130 leaves il. 4° [Issued jointly by Commission of Fine Arts and Historic American Buildings Survey, Washington Planning and Service Center.] ‡ I 29.74 : G 29/7  
L.C. card 68-60362
- 15029 10. Georgetown architecture, northwest Washington, District of Columbia. 1970. xxxvii+291 p. il. 4° [Issued jointly by Commission of Fine Arts and Historic American Buildings Survey, Office of Archaeology and Historic Preservation.] ‡ ● Item 648-B I 29.74 : G 29/6  
L.C. card 75-608956
- 15030 Historic structures report, pt. 2: Ansley Wilcox House N.H.S. [National Historic Site]; by William O. Shelgrin and Walter S. Dunn, jr.; edited by Norman M. Souder. Nov. 1969. [4]+26+[1] p. 56 pl. 4° (Office of Archeology and Historic Preservation.) ‡ I 29.2 : An 8  
L.C. card 79-608835
- 15031 Historical base map and documented narrative, 1869, Golden Spike National Historic Site, Utah; by F. A. Ketterson, jr. Sept. 10, 1969. [2]+ii+19 leaves 19 pl. and 6 p. of maps 4° (Office of Archaeology and Historic Preservation.) ‡ I 29.2 : G 56 s/869  
L.C. card 73-608820
- 15032 Interpretive concept, Red Bluff Recreation Area; conceived and written by George B. Robinson. [1970.] [7]+49+[1] p. 11 p. of pl. 4° [Designed and illustrated by Joseph H. Rockwell.] ‡ I 29.2 : R 24/6  
L.C. card 75-608921
- 15033 Living history in national park system. [1970.] cover title, 20 p. il. narrow 8° \* Paper, 30c. ● Item 648 I 29.2 : L 76  
L.C. card 76-608908

## NATIONAL SCIENCE FOUNDATION Washington, DC 20550

- 15034 Science resources studies highlights: Federal funds for R&D continue to remain level. Aug. 14, 1970. 4 p. il. 4° (NSF 70-28.) ‡ NS 1.31: F 31
- 15035 — Federal support to universities and colleges, fiscal year, 1969; [Prepared in Analytical Studies Group, Office of Economic and Manpower Studies.] Aug. 11, 1970. 4 p. 4° (NSF 70-26.) ‡ NS 1.31: Un 3/969

## NATIONAL TRANSPORTATION SAFETY BOARD, Transportation Dept., Washington, DC 20590

Aircraft accident report. (Bureau of Aviation Safety.) Φ Paper, \$12.00 a yr., \$3.00 additional for foreign mailing.

- 15036 Cessna 310N, N4111Q, near Upland, Calif., Apr. 12, 1969; adopted June 25, 1970. [1970.] [3]+15 p.+ [2] leaves, 1 pl. 4° (SA-407; file 3-3000; Report NTSB-AAR-70-13.) Φ Paper, \$3.00. TD 1.112: Cp 4
- 15037 Japan Air Lines Company, Ltd., Convair 440, model 22M, JA8028, Grant County Airport, Moses Lake, Wash., June 24, 1969; adopted June 17, 1970. [1970.] [3]+20+[8] p. 4° (SA-none; file A-0004; Report no. NTSB-AAR-70-11.) Φ Paper, \$3.00. TD 1.112: M 85
- 15038 Mohawk Airlines, Inc., Fairchild Hiller FH-227B, N7811M near Glens Falls, N.Y., Nov. 19, 1969; adopted June 25, 1970. [1970.] [3]+21+[15] p. il. 4° (SA-none; file 1-0026; report NTSB-AAR-70-12.) Φ Paper, \$3.00. TD 1.112: G 48f
- 15039 Scandinavian Airlines System, McDonnell-Douglas DC-8 62, LN-MOO (Norwegian Registry) in Santa Monica Bay, near Los Angeles, Calif., Jan. 13, 1969; adopted July 1, 1970. [1970.] [3]+35 p. 4° (SA-none; file B-0001; report NTSB-AAR-70-14.) Φ Paper, \$3.00. TD 1.112: Sa 5 m
- 15040 Pipeline accident report: Low pressure natural gas distribution system, Gary, Ind. Dec. 4, 1969. [1]+ii+[2]+74 p. il. 4° ‡ National Transportation Safety Board, Att.: Publications Section, Washington, DC 20591 TD 1.118: G 21
- 15041 Remarks of Isabel A. Burgess, Member, National Transportation Safety Board, before Lawyer-Pilots Bar Association, Lake of Ozarks, Mo., Aug. 15, 1970. [1970.] [1]+9 p. 4° ‡ TD 1.110: B 91/3

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- 15042 Safety trends for the seventies, address by John H. Reed, Chairman, National Transportation Safety Board before American Trucking Association Inc., 1969 Newspaper safety writing competition awards, Washington, D.C., Apr. 9, 1970. [1970.] [1]+10 p. 4° † TD 1.110: R 25/13
- 15043 Special study: Roles of General Services Administration and Department of Transportation in motor vehicle safety standards, special study, adopted June 3, 1970. [1970.] iii+22 p. 4° (Surface Transportation Safety Bureau.) † Paper, \$3.00. TD 1.102: G 28

## NAVAL OCEANOGRAPHIC OFFICE, Defense Dept. Washington, DC 20390

### Informal report IR (series). † D 203.26/2: (nos.)

- 15044 69-94. Upper and deep sound channel in Northeast Atlantic [with bibliography; by Don F. Fenner, and Paul J. Bucca]. [Dec. 1969.] cover title, viii + 29 + [16] p. il. 4°
- 15045 70-9. Oceanographic cruise summary Panama City, Fla., July and Aug., 1969 [with bibliography; by Kenneth E. Peery]. Mar. 1970. cover title, [3] + 17 + [2] p. il. 4° ([Project 774-KC-FFN 102/04/FABAF.])
- 15046 70-13. Acoustic sea bed reflectivity from a submersible [with list of references; by Kenneth R. Haigh]. Mar. 1970. cover title, ii + 21 leaves + [2] p. il. 4° ([Project 717.])

### National Oceanographic Instrumentation Center instrument fact sheet IFS (series). † D 203.32/2: (nos.)

- 15047 70013. Index. Apr. 1970. 8 p. 4° [Issued with perforations.]
- 15048 70014. Model OSR-19T, oceanographic survey recorder, Apr. 1970. 6 p. il. 4° (Ocean Sonics, Inc., El Segundo, Calif.) [Includes comment sheet. Issued with perforations.]
- 15049 71001. Model RS7-B portable induction salinometer, July 1970. 8 p. il. 4° (Beckman Instruments Inc., Cedar Grove, N.J.) [Issued with perforations. Includes comment sheet.]
- 15050 71002. Model GDR-1C-19-T Gift depth recorder, July 1970. 6 p. il. 4° (Dillingham Corporation, Hydro Products, San Diego, Calif.) [Issued with perforations. Includes comment sheet.]

### Publications. D 203.22: (nos.)

- 15051 1-N. Catalog of nautical charts and publications, region 2, Central and South America and Antarctica. 8th ed., Oct. 1969. [1970.] [8]+24 p. il. f° [Accompanied by sheet of Corrections affecting this publication.] † Paper, 25c. L.C. card 62-64948
15052. 80. Change 12, July 11, 1970, loose leaf change pages for correcting sailing directions for Pacific Islands, v. 3, 6th edition, 1952. [1970.] [309] p. il. 4° [Formerly no. 166, includes list of effective pages.] † Paper, \$1.75. ● Item 378 (Rev. 1957)
- 15053 112. Change 23, July 18, 1970, List of lights and fog signals, western Pacific and Indian Oceans including Persian Gulf and Red Sea. [1970.] [126] p. 4° [Includes list of effective pages and Notice to mariners 29, 1970. Issued in looseleaf form.] † Paper, 50c. ● Item 378 (Rev. 1957)
- 15054 115. Change 18, Aug. 1, 1970, List of lights and fog signals, Norway, Iceland and Arctic Ocean. [1970.] [124] p. 4° [Includes list of effective pages, and Notice to mariners 31, 1970. Issued in looseleaf form.] † Paper, 50c. ● Item 378 (Rev. 1957)
- 15055 5192. Standard time zone chart of the world [colored]. Scale 1: 39,000.00 at Equator, Mercator projection. 21st edition, Oct. 1968. Revised [June 1, 1970.] [1970.] 36 x 54 in. \* Paper, \$1.00.

## NAVAL OPERATIONS OFFICE, Defense Dept. Washington, DC 20390

- 15056 Survey of procurement statistics. Mar. 1970. cover title, [1]+32 p. il. 4° (NAVMAT P-4200; Headquarters Naval Materiel Command.) [Table of contents on p. 2 of cover.] † L.C. card 71-600232 D 207.2: P 94

## NAVAL PERSONNEL BUREAU, Defense Dept. Washington, DC 20390

- 15057 Guide for professional reading for officers of Navy and Marine Corps; compiled by Naval War College, Newport, R.I. 21st edition. 1970. [2]+v+31 p. 4° (NAVPERS 92356-J.) † ● Item 401-A L.C. card 61-61559 D 208.15: P 94/970

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# GOVERNMENT PUBLICATIONS

- 15058 Gunner's mate G 3 & 2; [prepared by Training Publications Division, Naval Personnel Program Support Activity]. [1st edition, 1964, 1970 edition.] [1970.] cover title, iii+598 p. il. 4° (Rate training manual; NAVPERS 10185-A.) ‡ ● Item 404  
L.C. card 70-608610 D 208.11: G 95/4/970
- 15059 Navy chaplains bulletin, Summer 1970; [prepared by Chaplains Division]. [1970.] cover title, 32 p. il. 4° [Special issue. Text and other illustrations on p. 2-4 of cover. Some illustrations are colored.] ‡ ● Special offer D 208.3/2: 970

## NAVAL RESEARCH OFFICE, Defense Dept. Washington, DC 20390

- NRL reports. (Naval Research Laboratory.) D 210.8: (nos.)
- 15060 6930. Guide to basic pulse-radar maximum-range calculation: pt. 1, Equations, definitions and aids to calculation [with list of references; by] L. V. Blake. Dec. 23, 1969. cover title, iv+153 p. il. 4° ([NRL problem R02-55.101; project RF 05-151-402-4011.]) [Errata, 1 p., oblong small 4° issued also, 2d edition of NRL report 5868. Pt. 2 has been completed and has been assigned NRL report no. 7010.] ‡ Paper, \$3.00 (AD 191348).
- 15061 6948. Procedures for analysis of metals, alloys, and other materials of research: pt. 4. Spectrophotometric procedures for determination of ions formed within stress-corrosion cracks, by O. R. Gates, Oct. 7, 1969, Change 1. Dec. 15, 1969. 1 p. oblong 48° ‡
- 15062 6955. Angular scattering functions for spherical water droplets [with list of references; by] H. B. Howell. Oct. 8, 1969. cover title, ii+114 p. il. 4° ([NRL problem A03-14, project A37540/652/69 RR 004-02-01.]) ‡ Paper, \$3.00 (AD 698492).
- 15063 6961. Fast, flexible, highly parallel associative processor; [by] John E. Shore and Frank A. Polkingham, Jr. Nov. 28, 1969. cover title, iv+46 p. il. 4° ([NRL problem R06-41, project NAVAir system A 37-533-000/6521/WF08-151-702.]) ‡ Paper, \$3.00 (AD 702394).
- 15064 6975. Dynamic tear energy, practical performance criterion for fracture resistance [with list of references; by] E. A. Lange and F. J. Loss. Nov. 17, 1970. cover title, ii+18 p. il. 4° ([NRL problem M01-25, projects RR 007-01-46-5432, SF 51-541-012-14628, and DSSP S-4607-11894.]) ‡ Paper, \$3.00 (AD 699143).
- 15065 6976. Desorption of CO<sub>2</sub> from three-component solution [with list of references; by] S. T. Gadomski and R. R. Miller. Dec. 8, 1969. cover title ii+14 p. il. 4° ([NRL problem C08-05, project SF 35433002-13214]) ‡ Paper, \$3.00 (AD 699151).
- 15066 6986. Proceedings of 3d symposium, 1969 spring superconducting symposia, sponsored by Office of Naval Research and Naval Research Laboratory [with lists of references]; edited by Robert A. Hein. May 16, 1969. cover title, iv+48 p. il. 4° ([NRL problem P05-02B.]) ‡ Paper, \$3.00 (AD 700656).
- 15067 6987. Stress intensity and crack-opening displacement for coplanar cracks in thermoelasticity [with list of references; by] W. S. Fu. [Feb. 25, 1970. cover title, ii+18 p. il. 4° ([NRL problem F01-03, project RR 009-03-45-5450.]) ‡ Paper, \$3.00 (AD 704071).
- 15068 6990. On class of meromorphic functions and their derivatives [with list of references; by] Chung-chun Yang. Jan. 16, 1970. cover title, 4 p. 4° ([NRL problem B01-11, project RR 003-02-41-6153.]. Mathematics Research Center report 70-2.) ‡ Paper, \$3.00 (AD 708375).
- 15069 6997. Trimmed-mean detector for noncoherent distributions [with list of references; by] G. V. Trunk. Dec. 11, 1969. cover title, ii+14 p. il. 4° ([NRL problem R02-54, project RF 05-151-402-4010.]) ‡ Paper, \$3.00 (AD 699150).
- 15070 7003. CDC 3800 computer program to calculate and plot compressibility, modulus of compressibility, and perpendicular component of molecular dipole moment of films spread on liquid surfaces; [by] Laura A. Halper. Dec. 31, 1969. cover title, i+6 p. 4° ([NRL problem C 02-10, project RR 001-01-43-4751.]) ‡ Paper, \$3.00 (AD 700658).
- 15071 7023. Proceedings of 4th symposium, 1969 spring superconducting symposia; sponsored by Office of Naval Research and Naval Research Laboratory. June 6, 1969. vi+54 p. il. 4° ([NRL problem P05-02B.]) (Text on p. 2 of cover.) ‡ Paper, \$3.00 (AD 705998).
- 15072 7025. Cross-sectional plots of plane intersections, adaptation of APT system [with lists of references; by] Kingsley P. Thompson. Jan. 27, 1970. cover title, ii+48 p. il. 4° ([NRL problem 23Z0001.]) ‡ Paper, \$3.00 (AD 701691).
- 15073 7037. Chemical research in nuclear submarine atmosphere purification, progress report [with lists of references]; edited by V. R. Platt and E. A. Ramskill. June 2, 1970. cover title, ii+58 p. il. 4° ([NRL problem C08-05 and C08-18 projects SF 354-3302, tasks 13213, 13224, and S4632, task 12073.]) ‡ Paper, \$3.00 (AD 709896).

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- 15074 7041. FORTRAN program for fast Fourier transform [with list of references; by] James K. Fisher. Apr. 16, 1970. cover title, ii+22 p. il. 4° ([NRL problem SOI-39, project RF 05-552-403-4069.])  $\Phi$  Paper, \$3.00 (AD 706003)
- 15075 7048. On shape of cable towed in circular path [with list of references; by] Richard A. Skop. Apr. 24, 1970. cover title, ii+30 p. il. 4° ([NRL problem FO2-24, project RR-009-03-45-5807.])  $\Phi$  Paper, \$3.00 (AD 706716)
- 15076 7049. Some general properties of class of semilinear hyperbolic systems analogous to differential-integral equations of gas dynamics [with list of references; by] Howard E. Conner. Feb. 25, 1970. cover title, i-14 p. 4° (Mathematics Research Center report 70-4; [NRL problem BOI-11, project RR 003-02-41-6153.])  $\Phi$  Paper, \$3.00 (AD 705999).
- 15077 7056. Dynamic tear test investigations of fracture toughness of thick-section steel [with list of references; by] F. J. Loss. May 14, 1970. cover title, ii+52 p. il. 4° ([NRL problem MOI-14, project AEC-83-Y-80507V; Heavy Section Steel Technology Program technical report] HSSTP-TR-7.) [Text on p. 2 of cover.]  $\Phi$  Paper, \$3.00 (AD 707711)
- 15078 7062. Iodine filter tests at NRL nuclear reactor [with list of references; by] R. H. Vogt [and others]. Apr. 13, 1970. cover title, 8 p. il. 4° ([NRL problem H01-14, project RR-002-06-41-5855.]) [Text on p. 2 of cover.]  $\Phi$  Paper, \$3.00 (AD 708376).
- 15079 7063. Transient radiation effects on ruby lasers [with list of references; by] R. F. Wenzel, J. J. Halpin and F. J. Campbell. Feb. 20, 1970. cover title, ii+94 p. il. 4° ([NRL problem 64E02-05, Defense Atomic Support Agency subtask TA 028.])  $\Phi$  Paper, \$3.00 (AD 704069).
- 15080 7064. Corrosion fatigue crack growth behavior above and below  $K_{Isc}$  [with list of references; by] J. P. Gallagher. May 28, 1970. cover title, ii+20 p. il. 4° ([NRL problem MOI-08, task RR 007-01-46-5416.])  $\Phi$  Paper, \$3.00 (AD 708377).
- 15081 7071. Methods for calculating and analyzing interrogation repetition frequency sets nonsynchronous for n interrogations [with list of references; by] W. K. Gardner. June 11, 1970. cover title, ii+42 p. il. 4° (NRL problem R03-01, project RF-05-151-403-4150.)  $\Phi$  Paper, \$3.00 (AD 709553)
- 15082 7073. Note on van der Waerden's theorem on arithmetic progressions [with list of references; by] J. R. Rabung. Apr. 14, 1970. cover title, 6 p. 4° (Mathematics Research Center report 70-6; [NRL problem BOI-11, project RR 003-02-41-6153.])  $\Phi$  Paper, \$3.00 (AD 705354).
- 15083 7082. Review of microwave switching schemes variable power-distribution networks using phase shifters [with list of references; by] C. W. Young, Jr. June 23, 1970. cover title, ii+26 p. il. 4° ([NRL problem R08-36, project XF 52545-007-8089.])  $\Phi$  Paper, \$3.00. (AD 709442).
- 15084 7085. Welding of ceramics [with list of references; by] Roy W. Rice. July 6, 1970. cover title, ii+38 p. il. 4° ([NRL problem C05-28, project RR 007-02-41-5677.])  $\Phi$  Paper, \$3.00 (AD 710359).
- 15085 7086. Iterative technique for reducing sidelobes of circular and cylindrical arrays [with list of references; by] H. P. Coleman. June 22, 1970. cover title, ii+14 p. il. 4° ([NRL problem R08-37, project RR 008-05-41-5700.])  $\Phi$  Paper, \$3.00 (AD 710360).
- 15086 7087. NRL-NB-20B, improved instrument ball bearing lubricant [with list of references; by] C. H. Blachly, V. G. FitzSimmons, and H. Ravner. Mar. 6, 1970. cover title, 12 p. 4° ([NRL problem C02-04, projects AIRTASK A32-510/652/70F51-543-203, and ORDTASK 934-023/178-1/UR17-546-401.]) [Text on p. 2 of cover.]  $\Phi$  Paper, \$3.00 (AD 704466).
- 15087 7095. Influence of composition of fracture toughness of commercial nuclear vessel welds [with list of references; by] Lendell E. Steele. June 23, 1970. cover title, ii+18 p. il. 4° ([NRL problem MOI-14, projects RR 007-11-41-5409, AEC-AT(49-5)-2110, USA-ERG-11-69.])  $\Phi$  Paper, \$3.00 (AD 709554).
- 15088 7099. Switching inverter with sine-wave output; by J. M. Marzolf. June 3, 1970. cover title, 8 p. il. 4° ([NRL problem E02-06, project A34-536/652/70.1]) [Text on p. 2 of cover.]  $\Phi$  Paper, \$3.00 (AD 708378).
- 15089 7100. Zn doping of GaAs films using coevaporation of elements [with list of references; by] W. A. Schmidt and J. E. Davey. Apr. 23, 1970. cover title, ii+18 p. il. 4° ([NRL problem R08-44, project MERDC 26-69.])  $\Phi$  Paper, \$3.00 (AD 705468)
- 15090 7103. NRL Microwave Space Research Facility, computer system hardware for data acquisition and control of 60-ft. X-band antenna; [by] C. A. Bass and C. J. Stillings. June 15, 1970. cover title, ii+42 p. il. 4° ([NRL problem RO1-36, project XF 4822200-116/2116.5.])  $\Phi$  Paper, \$3.00. (AD 709899)
- 15091 7109. Survey on photon activation analysis using NRL Linac; [by] W. L. Bendel and S. K. Numrich. June 29, 1970. cover title, ii+20 p. il. 4° ([NRL problem H01-09, project RR 002-06-41-5005.])  $\Phi$  Paper, \$3.00. (AD 709899)
- 15092 7110. NRL Microwave Space Research Facility, operating procedures of computer control system for 60-ft. X-band antenna; [by] C. A. Bass and D. H. Townsend. June 30, 1970. cover title, ii+66 p. il. 4° ([NRL problem RO1-36, project XF 4822200.1.])  $\Phi$  Paper, \$3.00 (AD 710368).

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Commerce, Springfield, Va. 22151

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## NRL reports—Continued

- 15093 7111. Fabrication and characterization of hot-pressed  $Al_2O_3$  [with list of references; by] Roy W. Kice. July 7, 1970. cover title, ii+28 p. il. 4° ([ERL problem 005-28, project RR 007-02-41-5677.])  $\Phi$  Paper, \$3.00 (AD 709556).
- 15094 7113. Smooth limiting of two signals in narrowband system [with list of references; by] J. S. Lee and J. H. Hughen. July 15, 1970. cover title, ii+22 p. il. 4° ([NRL problem S01-39, project RF-05-121-401-4069.])  $\Phi$  Paper, \$3.00 (AD 710369).
- 15095 7120. Dual-PRF, dual-pulse-length synchronizer for two-frequency Randle Cliff radar; [by] Phillip J. Watkins. July 6, 1970. cover title, ii+20 p. il. 4° ([NRL problem R02-05, project RF 05-151-402-4001.])  $\Phi$  Paper, \$3.00 (AD 709902).
- 15096 7140. Time and frequency transfer via microwave link; [by] D. H. Phillips, R. E. Phillips, and J. J. O'Neill. June 26, 1970. cover title, 18 p. il. 4° ([NRL problem R08-12, project XF 035 32010.])  $\Phi$  Paper, \$3.00 (AD 709443).

## NAVAL SHIP SYSTEMS COMMAND, Defense Dept. Washington, DC 20350

### Naval Ship Research and Development Center report.

- 15097 3182. Static stresses on wide-bladed propellers [with list of references]; by J. H. McCarthy and J. S. Brock. Feb. 1970. iii+32+2 p. il. 4° ([Sub-project S-R009-01-01, task 103.])  $\dagger$  D 211.9:3182

## NAVY DEPARTMENT, Defense Dept. Washington, DC 20350

- 15098 Guidebook, special Navy enlisted tours. [1970.] cover title, 96 p. il. oblong 32° ([RAD 6911101.])  $\dagger$   $\bullet$  Item 370-A  
L.C. card 73-601925 D 201.6/12: T 64/970
- 15099 Report of Operation Deep-Freeze 70, [operating season] 1969-70, U.S. Navy task force 43. [May 28, 1970.] cover title, 4+v+76 p. il. 4° ([U.S. Navy Support Force, Antarctica.])  $\dagger$  D 201.15/2: Op 2/970
- 15100 Safety precautions for shore activities [Apr. 1965; Change 2, Mar. 1970]. [1970.] cover title, [72] p. 4° (NAVMAT P-5100; Headquarters Naval Material Command.) [Formerly NAVSO P-2455.] \* Stiffboard, \$1.75.  
 $\bullet$  Item 378-A D 204.6: Sa 1/2/ch.2

## OIL AND GAS OFFICE, Interior Dept. Washington, DC 20240

- 15101 Estimated international flow of petroleum and tanker utilization, 1969-70. [Apr. 1, 1970.] cover title, [2]+9 leaves, il. map, 4° [Addendum, 1 p. 4°, dated June 1970, issued also. Illustration and map are colored.]  $\dagger$   
I 64.2: P 44/5

## PATENT OFFICE, Commerce Dept. Washington, DC 20231

- 15102 Index of trademarks, issued from Patent Office, 1969. 1970. 327 p. large 8°  
\* Cloth, \$4.25.  $\bullet$  Item 256  
L.C. card 30-26199 C 21.5/3: 969
- 15103 Manual of patent examining procedure, 3rd edition [Nov. 1961], revision 25. July 1970. [76] p. 4° [Issued in looseleaf form.] \* Paper, \$8.50 (including basic manual and supplementary material for an indefinite period); \$2.50 additional for foreign mailing.  $\bullet$  Item 259  
C 21.15: 961/rev.notice 25
- 15104 Text of address by William E. Schuyler, jr., Commissioner of Patents, for delivery before Patent, Trademark and Copyright Section of American Bar Association, St. Louis, Mo., Aug. 8, 1970. 1970. 8 p. 4°  $\dagger$   
C 21.20: Sch 8/6

## PEACE CORPS, State Dept. Washington, DC 20525

- 15105 Peace Corps, bi-annual statistical summary, Dec. 31, 1969. [1969.] cover title, [3]+23 p. 4° (Office of Administration and Finance.)  $\dagger$   
S 19.12/2: 969

\*For Sale by Superintendent of Documents

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PERSONNEL OFFICE, Agriculture Dept.  
Washington, DC 20250

- 15106 Guide to understanding Department of Agriculture. [Revised Aug. 1970.]  
[1970.] cover title, 36 p. il. oblong 12° [Text and another illustration  
on p. 2-4 of cover.] † ● Item 97 A 49.8: Ag 8/970

POST OFFICE DEPARTMENT  
Washington, DC 20260

[Commemorative stamp posters.]

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.

- 15107 5-cent weather services commemorative postal card, will be first placed on sale  
Sept. 1, 1970, at Fort Myer, Va. 1970. 10.5 x 8 in. P 1.26/2: W 37  
15108 6 cent Edgar Lee Masters, commemorative postage stamp will be first placed on  
sale at Petersburg, Ill. Aug. 22, 1970. 10.5 x 8 in. P 1.26/2: M 39  
15109 6-cent South Carolina tricentennial commemorative postage stamp, will be first  
placed on sale at Charleston, S.C., Sept. 12, 1970. 10.5 x 8 in. P 1.26/2: So 8/2  
15110 6-cent woman suffrage commemorative postage stamp will be first put on sale  
on Aug. 26, 1970 at Adams, Mass. 1970. 10.5 x 8 in. P 1.26/2: W 84/4  
15111 Moon & man & mail, 1st man on moon, 10c. airmail [stamp]. [1970.]  
[3] p. il. oblong 8° [One illustration is colored.] † ● Item 870 P 1.2: M 77

[Public information PI] (series).

- 15112 4. Standards for United States commemorative postage stamps. Aug. 1970. 16 p.  
il. 24° † Special Assistant to Postmaster General, U.S. Postal Service,  
Washington, DC 20260 ● Item 837-B P 1.36/2: 4/3  
15113 Remarks by Postmaster General Winton M. Blount, at National Association  
of Postal Supervisors Convention, Cincinnati, Ohio, Aug. 21, 1970.  
1970. 10 leaves, 4° (Information service.) † P 1.27: B 62/7

State postal maps.

- 15114 Iowa, Mar. 1, 1970. Scale 30 m.=2.7 in. [1970.] 22 x 32 in. \* Paper, 35c.  
L.C. card 71-653813 P 1.39/2: Io 9/970  
15115 New Hampshire, Vermont, Apr. 1, 1970. Scale 25 m.=3.8 in. [1970.] 32 x 25 in.  
\* Paper, 35c. P 1.39/2: N 42 h/970  
15116 West Virginia, Feb. 1, 1970. Scale 30 m.=3.3 in. 22 x 33 in. \* Paper, 35c.  
L.C. card 70-653810 P 1.39/2: W 52 v/970  
15117 Wyoming, Apr. 1, 1970. Scale 50 m.=2.9 in. [1970.] 22 x 32 in. \* Paper, 35c.  
L.C. card 74-653811 P 1.39/2: W 99/970

PRESIDENT OF UNITED STATES  
Washington, DC 20501

- 15118 Call for cooperation, message to Congress by Richard Nixon, President of  
the United States. Sept. 1970. [5]+39 p. por. \* Paper, 30c. ● Item  
850 Pr 37.2: C 78  
15119 Crimes of violence: v. 11 [with lists of references; prepared by Donald J.  
Mulvihill, Melvin M. Tumin, and Lynn A. Curtis]. Dec. 1969 [published  
1970]. lviii+1-411 p. il. 1 pl. [Staff report submitted to National Com-  
mission on Causes & Prevention of Violence. Contains copyright ma-  
terial. Includes chapters 1-6 and appendixes 1-11.] \* Paper, \$1.75.  
● Item 851-J  
L.C. card 76-604085 Pr 36.8: V 81/C 86/v.11  
15120 — v. 12 [with lists of references; prepared by Donald J. Mulvihill,  
Melvin M. Tumin and Lynn A. Curtis]. Dec. 1969 [published 1970].  
xlvii+413-839+[1] p. il. 3 pl. [Staff report submitted to National  
Commission on Causes & Prevention of Violence. Contains copyright  
material. Includes chapters 7-17 and appendixes 12-16.] \* Paper, \$1.75.  
● Item 851-J  
L.C. card 76-604085 Pr 36.8: V 81/C 86/v.12

## GOVERNMENT PUBLICATIONS

- 15121 Model cities, step towards new Federalism, report of President's Task Force on Model Cities. Aug. 1970. iv+20 p. \* Paper, 20c. ● Item 851-J  
L.C. card 76-608845 Pr 37.8: M 72/R 29
- 15122 President's Commission on Income Maintenance Programs, technical studies [with lists of references]. [1970.] vii+316 p. 4° † ● Item 851-J  
L.C. card 75-608625 Pr 36.8: In 2/T 22

### PUBLIC BUILDINGS SERVICE, General Services Administration Washington, DC 20405

- 15123 Design and construction of public buildings. July [1970.] 16 p. il. narrow 8° † ● Item 579  
GS 6.2: B 86/970

### PUBLIC DOCUMENTS DIVISION, Government Printing Office Washington, DC 20402

- 15124 List of classes of United States Government publications available for selection by depository libraries. Revised June 30, 1970. [1970.] 30 leaves, 4° † ● All depositories  
GP 3.24: 970  
Price list PL (series). † ● Item 554 GP 3.9: (nos.)
- 15125 28. Finance, national economy, accounting, insurance, securities; July 1970. 53rd edition. [1970.] [2]+28 p.  
L.C. card 26-26476
- 15126 33. Labor, safety for workers and workmen's compensation; July 1970. 47th edition. [1970.] [2]+33 p.  
L.C. card 26-26497
- 15127 55. Smithsonian Institution, National Museum and Indians; July 1970. 42d edition. [1970.] 11+12 p.  
L.C. card 25-27429

### PUBLIC HEALTH SERVICE, Health, Education, and Welfare Dept. Washington, DC 20201

- Health information series. ● Item 486 HE 20.10: (nos.)
- 15128 35. Psoriasis; [prepared by Information Office, National Institute of Arthritis and Metabolic Diseases, National Institutes of Health]. [Revised 1970.] [1970.] [12] p. il. narrow 8° ([Public Health Service publication 371.]) \* Paper, \$11.25 per 100; single copy, 15c.
- 15129 [46.] Meningococcal meningitis; [prepared by National Institute of Allergy and Infectious Diseases and National Communicable Disease Center]. [1970.] [6] p. narrow 8° \* Paper, \$5.50 per hundred; single copy, 10c.
- 15130 84. About syphilis and gonorrhea. [Revised 1970, reprinted May, 1970.] [1970] [6] p. narrow 8° ([Publication 410.]) [Supersedes PHS publication 410, Cause, spread, and cure of syphilis, PHS publication 432, Cause, spread, and cure of gonorrhea and PHS publication 431, Wedding plans.] \* Paper, \$5.00 per 100; single copy 10c.
- Public Health Service bibliography series.
- 15131 45. Bibliography on smoking and health, with English language abstracts of foreign items, 1969 cumulation pt. 2. [June 1970.] [5]+362 p. 4° ([Publication 1124.]) : Health Services and Mental Health Administration, National Clearing House for Smoking and Health. [Supplements Bibliography on smoking and health, 1969.] \* Paper, \$3.25. Item 481-A  
L.C. card 68-60300 HE 20.11: 45/pt.2

### PUBLIC ROADS BUREAU, Transportation Dept. Washington, DC 20591

- 15132 Fatal accidents on interstate system. [1970.] [8] p. il. 4° [Based on article, Fatal accidents on completed sections of interstate highway system, 1968, by Harold R. Hosea, in Oct. 1969 issue of Public roads, and also supplements thereto, in Dec. 1969 and Feb. 1970 issues.] †  
TD 2.102: Ac 2/3
- 15133 Highway planner in FHWA, steps toward career growth program, committee report. Mar. 1970. [8]+74+[1] p. il. 4° (Office of Planning.) †  
L.C. card 71-608884 TD 2.102: H 53/6

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Highway planning technical report.

- 15134 17. Network analysis series: 3, Accuracy of computer program BMD02R stepwise regression; [by W. A. Kunzwan]. Apr. 1970. [2]+12 p. 4° †  
TD 2.120:17

Hydraulic design series.

- 15135 1. Hydraulics of bridge waterways [with selected bibliography], by Hydraulic Branch, Bridge Division, Office of Engineering and Operations, reported by Joseph N. Bradley, consultant. 2d edition. [1970.] x+111 p. il. 4° \* Paper, \$1.25. ● Item 265-C  
L.C. card 73-608847 TD 2.127:1
- 15136 Program documentation, urban transportation planning system 360. June 1970. cover title, iv+614 p. il. 4° † ● Item 265-A  
L.C. card 76-608967 TD 2.108:Ur 1

TIES computer program (series).

- 15137 R-0100. Electronic computer program for stereocomparator coordinate reduction; developed by [Jesse R. Chaves]. Mar. 1970. cover title, [1]+il+60 p. il. 4° (Engineering System Division, Office of Research and Development.) †  
L.C. card 78-608938 TD 2.117/2:R-0100
- 15138 Transportation resources allocation study (TRANS), summary report, development of prototype model; prepared by Urban Planning Division. Jan. 1970. [3]+33 p. il. 4° (Office of Planning.) † TD 2.102:A1 6

RADIOLOGICAL HEALTH BUREAU, Health, Education, and Welfare Dept., Rockville, MD 20852

BRH/ORO [Bureau of Radiological Health, Office of Regional Operations] (series).

- 15139 70-3. Directory of personnel responsible for radiological health programs. July 1970. v+42 p. † ● item 468-A-4  
L.C. card 70-608944 HE 20.1512:70-3

RECLAMATION BUREAU, Interior Dept.  
Washington, DC 20240

- 15140 Cuba Project, New Mexico, reconnaissance report. June 1970. [93] leaves il. 4° [One illustration is colored.] † I 27.2:C 89
- 15141 Development plan for Page, Ariz., prepared for people of community; prepared by Structural and Architectural Branch, Office of Chief Engineer, Denver, Colo. June 1970. [1]+27+[3] leaves, il. 6 pl. oblong large 8° [One illustration and four plates are colored.] † I 27.2:P 14
- Engineering monograph.
- 15142 27. Moments and reactions for rectangular plates [with list of references]; by W. T. Moody. [Oct. 1960, revised July 1963, reprinted July 1970.] [1970.] viii+89 p. il. 4° (Water resources technical publication.) \* Paper, \$1.00. ● Item 664-B  
L.C. card 68-61483 I 27.34:27/3
- 15143 Pa Mong stage one feasibility report; Appendix 6, Economic, agricultural, social and financial analysis; prepared by Reclamation Bureau. 1970. [501] p. il. 2 maps in pocket, 4° [Prepared for Committee of Coordination of Investigations of Lower Mekong Basin and Agency for International Development. Maps are colored.] †  
L.C. card 70-607045 I 27.2:P 19/3/app.6
- REC-OCE [Reclamation Bureau, Office of Chief Engineer] (series). †  
I 27.60:(nos.)
- 15144 69-8. Evaluation of concrete and related materials for desalination plants, 4th annual progress report: pt. 3, Selection and evaluation of accessory coatings, sealants, and polymeric products; by C. E. Selander, F. E. Causey, B. V. Jones. Dec. 1969. [2]+vi+223+[4] p. il. 4° (Chemical Engineering Branch, Division of Research.) [Prepared for Office of Saline Water. Text on p. 2 of cover. Issued with marginal index tabs on blank cardboard showing chapter numbers and titles.]
- 15145 70-6. Shear and sliding resistance tests of rock joints for Forebay Dam, Grand Coulee, 3d powerplant project; by M. L. Haverland, G. L. Butler. Jan. 1970. [2]+il+26+[4] p. il. 4° (Concrete and Structural Branch, Division of Research.) [Text on p. 2 of cover.]

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Commerce, Springfield, Va. 22151

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# GOVERNMENT PUBLICATIONS

## REC-OCE--Continued

- 15146 70-7. Field and laboratory tests for safety of dams investigation at Salt River Project, Ariz.; by W. G. Austin, Feb. 1970. [5]+60+[4] p. il. 4<sup>a</sup> (Concrete and Structural Branch, Division of Research.) [Text on p. 2 of cover.]  
L.C. card 74-608937
- 15147 70-15. Vibration of Vega Dam following Rulison subsurface nuclear blast [with list of references]; by George C. Rouse, Louis H. Roehm, [and] Curtis W. Cozart. Apr. 1970. [5]+13+[4] p. il. 4<sup>a</sup> ([DD-10]; Dams Division, Division of Design.) [Text on p. 2 of cover.]

## REGIONAL MEDICAL PROGRAMS SERVICE, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 15148 Atlas of oral cytology; [by] Herman Medak [and others]. [1970.] viii +133 p il. 4<sup>a</sup> (Public Health Service publication 1949.) [Atlas and its organization supported by Cancer Control Program. Some illustrations are colored.] \* Cloth, \$4.75. ● Item 483-L-1  
L.C. card 71-608904 HE 20.2602: Or 1
- 15149 Selected bibliography of regional medical programs. 2d revision, Jan. 1970. [1970.] [3]+103 p. 4<sup>a</sup> ([Public Health Service publication 1861.]) † ● Item 483-L-3  
L.C. card 74-607905 HE 20.2611: 970

## REHABILITATION SERVICES ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

Statistical notes. (Division of Statistics and Studies.)

- 15150 19. Profile of clients receiving training who were rehabilitated during fiscal year 1968. Mar. 1970. 9 p. 4<sup>a</sup> † HE 17.114: 19

## RURAL ELECTRIFICATION ADMINISTRATION, Agriculture Dept. Washington, DC 20250

- 15151 Distribution line extension construction contract (labor only), for construction contract (labor only), for construction of rural electric system improvements and extensions. [Revised May 1970.] cover title, il+35 p. 4<sup>a</sup> (REA form 792.) [Issued in looseleaf form.] \* Paper, 50c. ● Item 116 A 68.2: O 76/5/970
- 15152 List of materials acceptable for use on system of REA electrification borrowers. July 1970. cover title, [296] p. il. 4<sup>a</sup> (REA bulletin 43-5.) [Text on p. 2 of cover. Issued in looseleaf form. Supersedes all preceding issues including revisions.] \* Paper, \$3.50 (including basic manual and one semiannual supplement); 75c additional for foreign mailing. ● Item 116 A  
L.C. card 52-61393 A 68.6/2: 970
- REA bulletin.
- 15153 65-1. Guide for design of substations for rural distribution systems [with list of references]. July 1970. [4]+42 p. il. 4<sup>a</sup> [Issued with perforations. Supersedes Bulletin 65-1 dated May 3, 1955.] † A 68.3: 65-1
- 15154 Specifications and drawings for underground electric distribution. Apr. 1970. cover title, 16+[36] p. il. 4<sup>a</sup> (REA FORM 806.) \* Paper, 50c. A 68.2: Un 2

## ST. LAWRENCE SEAWAY DEVELOPMENT CORPORATION, Transportation Dept., Massena, NY 13662

- 15155 Saint Lawrence Seaway Development Corporation, 1969 annual report. [1970.] 24 p. il. 4<sup>a</sup> [Also issued as H. doc. 375, 91st Congress, 2d sess., and sent to depositories in that form.] †  
L.C. card 56-61321 TD 6.1: 969

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



SCIENCE AND TECHNOLOGY OFFICE, Executive Office of the  
President, Washington, DC 20506

- 15156 Housing research and building technology activities of Federal government.  
June 1, 1970. [5]+117 p. 4° \* Paper, \$1.25. ● Item 857-F-1  
L.C. card 75-608274 PrEx 8.2: H 81/2

SMALL BUSINESS ADMINISTRATION  
Washington, DC 20416

- 15157 SBA business loans, lending objectives, size standards, credit requirements,  
amount and terms, collateral, eligibility, how to apply. [July 1970.]  
cover title, 16 p. il. narrow 8° ([Office of Public Information; OPI-18.])  
† ● Item 901-B SBA 1.2: L 78/3/970

Small business bibliography.

- 15158 33. Drugstores; by Joseph D. McEvilla. [Apr. 1970 revision.] [1970.] 8 p. 4°  
† ● Item 901-K  
L.C. card 73-608725 SBA 1.3: 33/3

Starting and managing series.

- 15159 v. 20. Starting and managing a small retail music store; by Ray S. Erlandson.  
1970. iv+81+[3] p. il. ([Procurement and Management Assistance,  
Office of Management Assistance, Education Division.]) [3 pages are  
left blank at end for notes.] \* Paper, 55c. ● Item 901-L  
L.C. card 74-608630 SBA 1.15: 20

SMITHSONIAN INSTITUTION  
Washington, DC 20560

Smithsonian contributions to paleobiology.

- 15160 5. Catalog of illustrated Paleozoic plants in National Museum of Natural History  
[with bibliography; by] Arthur D. Watt. 1970. [2]+53 p. 4° [Publica-  
tion was authorized by Director, United States Geological Survey.] \* Paper,  
60c. ● Item 910-G  
L.C. card 77-608935 SI 1.30: 5

Smithsonian contributions to zoology. ● Item 910-D SI 1.27: (nos.)

- 15161 45. Bredin-Archbold-Smithsonian biological survey of Dominica, crane flies, (Dip-  
tera, Tipulidae) [with list of literature cited; by] Charles P. Alexander.  
1970. [2]+59 p. il. 4° \* Paper, 60c.  
L.C. card 79-608908
- 15162 55. Atlantic deep-sea calanoid copepoda [with list of literature cited; by]  
Ellsworth H. Wheeler, Jr. 1970. [2]+31 p. il. 4° \* Paper, 45c.  
L.C. card 72-608477

SOCIAL AND REHABILITATION SERVICE, Health, Education, and  
Welfare Dept., Washington, DC 20201

- 15163 Cost and output of graduate social work education, exploratory study [with  
bibliography]. Apr. 1970. [1]+xvii+188 p. 4° (Office of Research,  
Demonstrations and Training, Division of Intramural Research, Social  
Welfare Manpower Research Branch.) [Prepared under contract SRS  
69-11 by Cooper and Company, Stamford, Conn.] \* Paper, \$1.75.  
● Item 512-A-1 HE 17.2: G 75

SOCIAL SECURITY ADMINISTRATION, Health, Education, and Welfare  
Dept., Washington, DC 20201

Actuarial notes. † HE 3.19/2: (nos.)

- 15164 69. Mortality of aged before and after medicare; by Robert J. Myers and  
William D. Ritchie. Apr. 1970. [3] p. 4°
- 15165 70. Hospital utilization and average daily hospital costs for persons aged 65  
and over as indicated by data under hospital insurance program and  
from American Hospital Association; by Robert J. Meyers. Apr. 1970.  
[4] p. 4°
- 15166 73. Comparison of actual experience under OASDHI system with short-range  
cost estimates; by Robert J. Myers and Margaret A. Lannen. May 1970.  
[3] p. 4° (Office of Actuary.)

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

●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## Actuarial study.

- 15167 71. Actuarial cost estimates for hospital insurance program; by Robert J. Myers and William C. Hsiao. Feb. 1970. [2]+1+38 p. 4° (Office of Actuary.)  
† HE 3.18:71

From social security survey of the disabled, 1966, report. (Office of Research and Statistics.) † HE 3.54/2:(nos.)

- 15168 9. Disabled on public assistance; by Henry P. Brehm. June 1970. [1]+10+[9] p. 4° [Includes list of reports from 1966 survey of disabled adults.]  
15169 10. Epidemiology of disability: 2. Measurement of functional capacity limitations [with list of references]; by Lawrence D. Haber. July 1970. [1]+45 p. 4°

Research and statistics note, 1970 (series). (Office of Research and Statistics.)

- 15170 12. National health insurance, comparison of 5 proposals [with bibliography]; by Saul Waldman and Evelyn Peel. July 23, 1970. 23 p. 4° †  
HE 3.28/2: 970/12

## Research report.

- 15171 31. Social security programs throughout the world, 1969; [prepared by International Staff, Office of Research and Statistics]. [1970.] xxx+[2]+249 p. 4° \* Paper, \$2.75. ● Item 522-A  
L.C. card HEW 62-40 HE 3.49: 31

SSI-(series). ● Item 523-B HE 3.52:(nos.)

- 15172 17. Social security and cash tips. [June 1970.] 5+[1] p. narrow 8° †  
15173 21. Social security and your household employee. [June 1970.] [8] p. oblong 48°  
[Joint publication of Social Security Administration and Internal Revenue Service, Treasury Dept.] †  
15174 22. If you're self-employed—reporting your income for social security. [July 1970.] [6] p. narrow 12° \* Paper, \$5.00 per 100; single copy 10c.  
15175 29. If you become disabled. [May 1970.] 32 p. oblong 48° \* Paper, \$10.00 per 100; single copy, 10c.

## SOIL CONSERVATION SERVICE, Agriculture Dept. Washington, DC 20250

- 15176 Appraisal of outdoor recreation potentials for Carter County, Okla. Fort Worth, Tex., 1970. [3]+41 p. il. 4° [Prepared in cooperation with Arbuckle Soil and Water Conservation District and local individuals, organizations, and agencies. Some pages issued as leaves.] †  
A 57.57: C 24

- 15177 Appraisal of potentials for outdoor recreational development: Blount County, Tenn., May 1969. Fort Worth, Tex., 1970. cover title, [136] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies.] †  
L.C. card 77-630764 A 57.57: B 62

- 15178 — Bradley County, Tenn., Nov. 1969. Fort Worth, Tex., 1970. cover title, [48] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Rural Development Committee, local individuals, organizations, and agencies.] †  
L.C. card 77-630764 A 57.57: B 72

- 15179 — Claiborne County, Tenn., Oct. 1969. Fort Worth, Tex., 1970. cover title, [63] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies.] †  
L.C. card 77-630764 A 57.57: C 52

- 15180 — Coffee County, Tenn., Sept. 1969. Fort Worth, Tex., 1970. cover title, [54] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies.] †  
L.C. card 77-630764 A 57.57: C 65

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- 15181 — Crockett County, Tenn. Fort Worth, Tex., Feb. 1970. cover title, [1] +13+[15] p. il. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Action Panel, local individuals, organizations, and agencies. Some pages issued as leaves.] ‡  
L.C. card 77-630764 A 57.57: C 87
- 15182 — Decatur County, Tenn., Sept. 1969. Fort Worth, Tex., 1970. cover title, [51] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: D 35
- 15183 — Gibson County, Tenn., Feb. 1970. Fort Worth, Tex., 1970. cover title, [36] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: G 35
- 15184 — Hardin County, Tenn., Sept. 1969. Fort Worth, Tex., 1970. cover title, [79] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: H 21
- 15185 — Jefferson County, Tenn., Aug. 1969. Fort Worth, Tex., 1970. cover title, [54] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Rural Development Committee, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: J 35
- 15186 — Lake County, Tenn. Fort Worth, Tex., Feb. 1970. cover title, [1]+15 +[8] p. il. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies. Some pages issued as leaves.] ‡  
L.C. card 77-630764 A 57.57: L 14
- 15187 — Monroe County, Tenn., May 1969. Fort Worth, Tex., 1970. cover title, [108] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: M 75
- 15188 — Montgomery County, Tenn., Nov. 1969. Fort Worth, Tex., 1970. cover title, [55] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Rural Development Committee, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: M 76
- 15189 — Moore County, Tenn., Sept. 1969. Fort Worth, Tex., 1970. cover title, [1]+19+[14] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations and agencies.] ‡  
L.C. card 77-630764 A 57.57: M 78



# GOVERNMENT PUBLICATIONS

- 15190 Appraisal of potentials for outdoor recreational development: Polk County, Tenn., Nov. 1969. Fort Worth, Tex., [1970.] cover title, [71] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: P 75
- 15191 — Unicoi County, Tenn., July 1969. Fort Worth, Tex., 1970. cover title, [66] p. 4° [Prepared in cooperation with Tennessee Game and Fish Commission, University of Tennessee Agricultural Extension Service, Tennessee Department of Conservation, County Technical Action Panel, local individuals, organizations, and agencies.] ‡  
L.C. card 77-630764 A 57.57: Un 3
- 15192 Atlas of river basins of United States, drainage areas of more than 700 square miles, land resource regions and major land resource areas. 2d edition June 1970. [1970.] cover title, [8] p. 84 maps, oblong f° [One map is colored.] \* Paper, \$13.00.  
L.C. card 75-653814 A 57.2: R 52
- 15193 California's resources, tomorrow's challenge, what's ahead for our land and people. [Portland, Oreg., 1968] cover title, [32] p. il. 4° ([M7-N-20872.]) [Text and illustrations on p. 2-4 of cover.] ‡ A 57.2: C 12/4
- 15194 Classification and correlation of soils of Lake County, Fla. (exclusive of that part in Ocala National Forest area); [by Lindo J. Bartelli and James A. DeMent]. Fort Worth, Tex., 1970. cover title, 12 leaves, 4° ‡  
A 57.2: L 14
- 15195 Computation standards for engineering work; prepared by Design Section, E&WP Unit, Regional Technical Service Center. Portland, Oreg., Dec. 1968. cover title, 25 p. 4° [Some pages issued as leaves.] ‡  
A 57.6/2: C 73/968
- [Conservation information] SCS-CI-(series).
- 15196 13. Organization and development of Soil Conservation Service, reference for employees; [compiled by late Robert L. Geiger, Jr., assisted by George A. Keller]. Revised July 1970. [1970.] [1]+30 p. 4° ‡ ● Item I19-A  
A 57.44: 13
- 15197 Conservation irrigation guide for design of sprinkler irrigation systems for south Georgia coastal plain (to be used with Soil Survey); prepared by Soil Conservation Service, Agricultural Research Service. Revised Mar. 1970. Fort Worth, Tex., 1970. [1]+5+[5] p. 4° [Prepared in cooperation with University of Georgia, Cooperative Extension Service, Georgia Agricultural Experiment Stations.] ‡ A 57.6/2: G 29
- 15198 Conservation of hawks in Arizona [with list of references]. [Phoenix, Ariz., Mar. 1969.] 3 p. il. 4° ‡  
A 57.2: H 31
- 15199 Conservation of owls in Arizona [with list of references]. [Phoenix, Ariz., Mar. 1969.] 3 p. il. 4° ‡  
A 57.2: Ow 4
- 15200 Conservation of owls in State of Wyoming. n.d. 1 p. il. 4° ‡  
A 57.2: Ow 4/2
- 15201 Conservation vs. pollution. [Lincoln, Nebr.] Apr. 1970. [6] p. il. narrow 8° ‡  
A 57.2: C 76/7
- 15202 Corvallis, Oreg., PMC (Plant Materials Center), better plants for conservation and beauty. [Portland, Oreg., 1966.] [2] p. il. oblong f° folded into oblong 16° size. ‡  
A 57.2: C 81
- 15203 Critical area stabilization, guide for landowner, builder or planner in urban areas, western Washington. Portland, Oreg., 1970. 4 p. il. 4° ‡  
A 57.6/2: St 1/2
- 15204 Eradication of fish. [Fort Worth, Tex., 1970.] [2] p. il. 4° (AK-BIOL-44-7 (2-47-70) (formerly AK-44-49); Little Rock, Ark.) ‡  
A 57.2: F 52/2

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- 15205 Erosion, enemy of the people, let's stop runaway raindrops in Wisconsin. [Lincoln, Nebr., 1970.] [4] p. il. 4° ‡ A 57.2: Er 6/13
- 15206 Feasibility study of requirements for main drainage canals, Beaufort County, S.C. Fort Worth, Tex., Apr. 1970. cover title, [2]+56 p. il. 14 p. of pl. 4° [Prepared under sponsorship of Beaufort County, Beaufort County Development Board, and Beaufort County Soil and Water Conservation District. Some pages are issued as leaves. Text on p. 2 of cover.] ‡ A 57.2: B 38/3
- 15207 Food, feeders and feeding for songbirds. [Fort Worth, Tex., 1970.] Feb. 27, 1970.] [2] p. il. 4° (AK-BIOL-44-8.) ‡ A 57.2: So 5
- 15208 Habitat management for blue grouse in Utah. Portland, Oreg., Mar. 1970. [2] p. il. 4° (Technical notes: Biology-upland game.) ‡ A 57.56: G 91/4
- 15209 Habitat management for California quail in Utah. Portland, Oreg., Mar. 1970. [2] p. il. 4° (Technical notes; Biology-upland game.) ‡ A 57.56: Q 2/2
- 15210 Habitat management for Canada goose in Utah. Portland, Oreg., Mar. 1970. [2] p. il. 4° (Technical notes; Biology-waterfowl.) ‡ A 57.56: C 16/2
- 15211 Habitat management for chukars in Utah. Portland, Oreg., Mar. 1970. [2] p. il. 4° (Technical notes; Biology-upland game.) ‡ A 57.56: C 47/2
- 15212 Habitat management for gray partridge in Utah. Portland, Oreg., Mar. 1970. [2] p. il. 4° (Technical notes, Biology-upland game.) ‡ A 57.56: P 25/2
- 15213 Habitat management for hares in State of Washington. Portland, Oreg., 1970. 2 p. il. 4° [From State of Washington Plant science handbook, Biology Section, Spokane, Wash., Mar. 1970.] ‡ A 57.56: H 22
- 15214 Habitat management for rabbits in State of Washington. Portland, Oreg., 1970. 2 p. il. 4° [From State of Washington Plant science handbook, Biology Section, Spokane, Wash., Mar. 1970.] ‡ A 57.56: R 11
- 15215 Habitat management for ring-necked pheasant in Utah. Portland, Oreg., Mar. 1970. [2] p. il. 4° (Technical notes; Biology-upland game.) ‡ A 57.56: P 49/2
- 15216 Habitat management for ruffed grouse in Utah. Portland, Oreg., Mar. 1970. [2] p. il. 4° (Technical notes; Biology-upland game.) ‡ A 57.56: G 91/5
- 15217 Habitat management for turkey in State of Washington. Portland, Oreg., 1970. 2 p. il. 4° [From State of Washington Plant science handbook, Biology Section, Mar. 1970. Issued with perforations.] ‡ A 57.56: T 84
- 15218 Herons in State of Washington. Portland, Oreg., 1970. 2 p. il. 4° [From State of Washington Plant science handbook, Biology Section, Spokane, Wash., Mar. 1970.] ‡ A 57.2: H 43
- 15219 Louisiana's conservation needs inventory, 1970. [Fort Worth, Tex., 1970.] [12] p. il. oblong 16° ‡ A 57.2: L 93
- 15220 Mulch tillage in Corn Belt. Lincoln, Nebr. [May 1970.] 8 p. il. 4° ‡ A 57.2: M 89
- 15221 Mulching for erosion control on newly shaped slopes. Portland, Oreg., 1969. [2] p. il. 4° ‡ A 57.2: M 89/2
- 15222 Plant materials annual report of field plantings: Arkansas 1969; [by Thomas A. Brown]. Fort Worth, Tex., 1970. 6+[1] p. 4° ‡ A 57.55: Ar 4k/969

# GOVERNMENT PUBLICATIONS

- 15223 Plant Materials Center, Coffeerville, Miss., 1969 annual report. [Revised Apr. 1970.] Fort Worth, Tex., 1970. ‡  
L.C. card 75-608570 A 57.54 : C 65/pt.1-2  
pt. 1. cover title, [1]+15 p. 4°  
pt. 2. cover title, [3]+36 p. 4°
- 15224 Pond management for largemouth bass and bluegill in Utah. [Portland, Oreg., Mar. 1970.] [2] p. il. 4° (Technical notes; Biology-fish.) ‡  
A 57.2 : L 32
- 15225 Proceedings of Western Regional Technical Work-Planning Conference of Cooperative Soil Survey, Las Cruces, N. Mex., Jan. 26-29, 1970 [with bibliographies]. Portland, Oreg., 1970. cover title, 63 p. il. 4° ‡  
A 57.2 : W 52r
- 15226 Recreation, income "crop" for Wyoming farmers and ranchers, how and where to get help. [Portland, Oreg. 1970.] [6] p. il. narrow 8° ‡  
A 57.2 : W 99/4
- 15227 Red fox in State of Wyoming. n.d. 1 p. il. 4° ‡ A 57.2 : R 24/2
- 15228 Resource data for land use planning and community development, soils, Creswell area, Oreg. Portland, Oreg., Mar. 1970. cover title, [4]+11 leaves, [45] p. il. 4° [Prepared in cooperation with Lane County Board of Commissioners. Page 9 omitted, but no text is missing.] ‡  
A 57.2 : C 86
- 15229 Revised work plan for watershed protection and flood prevention, Lower Clear Boggy Creek Watershed, Atoka, Bryan, Coal, and Johnston Counties, Okla.; prepared by Atoka County Soil and Water Conservation District, Bryan County Soil and Water Conservation District, Coal County Soil and Water Conservation District, Johnston County Soil and Water Conservation District, Lower Clear Boggy River Conservancy District, [and] Oklahoma Industrial Development and Park Department. Fort Worth, Tex., Nov. 1969 [published] 1970. cover title, iv+[4]+51 p. il. 10 pl. 4° [Some pages are issued as leaves. Table of contents and one plate on p. 2 and 3 of cover. One plate is colored.] ‡  
A 57.59 : L 95
- 15230 Seeding for erosion control on newly shaped slopes. Portland, Oreg., 1969. [2] p. il. 4° ‡ A 57.2 : Se 3
- 15231 Soil classification system, placement of series, South Region, Jan. 1970. [Revised Feb. 1970.] Fort Worth, Tex., 1970. cover title, i+32+43+[2] p. 4° (South Region Technical Service Center, Fort Worth, Tex.) [Errata sheet, 2 p., issued also.] ‡  
L.C. card 70-607995 A 57.2 : So 3/48/970
- 15232 Soil conditioning rating indices for major irrigated and non-irrigated crops grown in western United States [with lists of references; by Wayne W. Austin]. [July 1964, revised] Apr. 1967. Portland, Oreg., [1970.] cover title, [55] p. il. 4° (Western Region; Conservation agronomy technical note 27.) [Revised by J. W. Turelle. Text and illustrations on p. 2-3 of cover.] ‡  
A 57.2 : So 3/50
- 15233 Soil handbook for soil survey of City of Fredericksburg, Tex. [Fort Worth, Tex.], Feb. 1970. [6]+80 p. map 4° [Developed under cooperative agreement with city of Fredericksburg, Tex. and Gillespie County Soil and Water Conservation District in cooperation with Texas Agricultural Experiment Station.] ‡  
A 57.6/2 : F 87
- 15234 Soil survey: Las Vegas, N. Mex.; prepared by [Joseph M. Downs and Harry Cook III]. [Portland, Oreg.], Jan. 1970. [3]+37 p. 4 maps, 4° [Prepared in cooperation with Las Vegas, N. Mex., San Miguel County, N. Mex., and Gallinas-Tecolote Soil and Water Conservation District. Maps are colored.] ‡  
L.C. card 73-608863 A 57.38 : L 33v

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- 15235 Soil survey interpretations for Mahantango Creek watershed, Pa., v. 1. Jan. 1969. cover title, [4]+105+G-8 p. 4° [Prepared in cooperation with Pennsylvania State University, Agricultural Experiment Station, Agricultural Extension Service and Pennsylvania Department of Agriculture, Soil and Water Conservation Commission. Text on p. 2 of cover.] ‡ A 57.2: M 27/v.1
- Soil survey series 1952.
- 15236 3. [Soil survey: St. Mary's Parish, La., Mar. 1959], Supplement, Soil interpretations, 1959; by Lester L. Loftin and Larkin B. Agnew. [Fort Worth, Tex.], 1970. [2]+14 leaves il. 4 tabs. 4° [Prepared in cooperation with Louisiana Agricultural Experiment Station and Louisiana Department of Highways. Series date incorrectly given on cover as 1953.] ‡ A 57.38: 952/3/supp.1  
L.C. card Agr 59-168
- 15237 Soils and people, facts about California cooperative soil surveys, what they do for you. [1970.] [6] p. il. large 8° ‡ A 57.2: C 12/3
- 15238 Story of snow surveys and water supply forecasts conducted cooperatively by Federal, State, and private organizations. [Portland, Oreg., 1959.] [6] p. il. narrow 8° ‡ A 57.2: Sn 6/22
- 15239 Sunfish, green sunfish, redear sunfish in Utah. Portland, Oreg., Mar. 1970. [2] p. il. 4° (Technical notes; Biology-fish.) ‡ A 57.2: Su 7/2
- 15240 Talladega County, Ala., appraisal of potential for outdoor recreational development. Fort Worth, Tex., Jan. 1970. cover title, 3-50 p. il. oblong 8° [Prepared in cooperation with Auburn University Extension Service, Talladega County, Ala. Map on p. 2 of cover.] ‡ A 57.57: T 14
- 15241 Taylor County soil survey. [Fort Worth, Tex., June 1970.] [8] p. il. ‡ A 57.2: T 21
- 15242 This wind-chill chart depicts cooling effect of winter wind. Portland, Oreg., 1970. 1 p. il. 4° (Technical notes.) ‡ A 57.2: W 72/2
- 15243 Upper Willamette Resource Conservation and Development Project, annual work plan, 1970. Portland, Oreg., 1970. cover title, [1]+32 p. il. 4° [Text on p. 2 of cover.] ‡ A 57.2: W 66/3/970
- 15244 Watershed work plan: McKay-Rock Creek Watershed, Washington and Multnomah Counties, Oreg.; [prepared by Washington County Soil and Water Conservation District and other State and local agencies]. Portland, Oreg., Aug. 1969. cover title, [3]+iii+AGR 8+94 p. 11 pl. 4° [Prepared in cooperation with U.S. Forest Service. Some illustrations are colored.] ‡ A 57.59: M 10
- 15245 — Perilla Mountain watershed, Cochise County, Ariz.; [prepared by City of Douglas, County of Cochise, Whitewater Draw Soil Conservation District]. Portland, Oreg., Apr. 1970. cover title, [5]+AGR 4+60 p. il. 7 pl. 4° [Two plates are colored.] ‡ A 57.59: P 41
- 15246 Watershed work plan for watershed protection, and flood prevention, Sanderson Canyon Watershed, Terrell, Pecos, and Brewster Counties, Tex.; [prepared by Rio Grande-Pecos River Soil and Water Conservation District, and other state and local agencies]. Fort Worth, Tex., Nov. 1969 [published] 1970. cover title, vii+[1]+50 leaves il. 7 pl. 4° [Table of contents on p. 2 of cover. One plate is colored.] ‡ A 57.59: Sa 5
- 15247 Ways to attract non-game birds in Arizona. [Phoenix, Ariz., Mar. 1969.] 4 p. il. 4° [Includes list of Reference books for identification and range of birds.] ‡ A 57.2: B 53/2
- 15248 Ways to attract non-game birds in Montana and Wyoming. [Bozeman, Mont., Casper, Wyo., Jan. 1969.] 4 p. il. 4° ‡ A 57.2: B 53/3
- 15249 Woodland in Soil Conservation Service. [1968, revised 1970.] Apr. 1970. cover title, [5]+147 p. il. 4° (Western Region.) ‡ A 57.2: W 85/5



# GOVERNMENT PUBLICATIONS

- 15250 Work plan for watershed protection and flood prevention, Paint Creek watershed, Harper County, Okla., prepared by Harper County Soil and Water Conservation District [and] Town of Laverne, Okla. Fort Worth, Tex., Mar. 1969. cover title, [11]+40 p. 1 pl. 3 maps, 4° [Table of contents and another illustration on p. 2 and 3 of cover. One map is colored.] ‡ A 57.59: P 16
- 15251 Work plan for watershed protection, flood prevention, drainage, fish and wildlife water resource improvement, Fish Bayou Watershed, Crittenden and St. Francis Counties, Ark.; [prepared by Crittenden County Soil and Water Conservation District and St. Francis County Soil and Water Conservation District, with assistance by Forest Service]. Fort Worth, Tex., 1969. cover title, v+[1]+33 leaves il. map 4° [Table of contents on p. 2 of cover.] ‡ A 57.59: F 52
- 15252 Work plan for watershed protection, flood prevention, recreation, Fish Stream watershed [Penobscot County, Maine; prepared by Southern Arrostook Soil and Water Conservation District, Town of Patten.] [Aug. 1968.] cover title, [14]+46 p. il. 5 pl. 4° [Prepared with assistance by Department of Agriculture, Forest Service and Cooperative Extension Service, University of Maine. One plate is colored.] ‡ A 57.59: F 52/2
- 15253 Work plan for watershed protection, flood prevention, recreation, Sugar River watershed, Grafton, Merrimack, and Sullivan Counties, N.H. [prepared by Towns of Croydon, Goshen, Grantham, Lempster, and Newport, City of Claremont, N.H., Sullivan and Merrimack County Conservation Districts, New Hampshire Water Resources Board]. Aug. 1969. cover title, xiv+[2]+58 p. 1 pl. 4 maps. 4° [Prepared with assistance of Forest Service. One map is colored.] ‡ A 57.59: Su 3
- 15254 Why improve channels? [Fort Worth, Tex., 1970.] [6] p. il. narrow 8° ‡ A 57.2: C 36/2

## SOLID WASTE MANAGEMENT BUREAU, Health, Education, and Welfare Dept., Rockville, MD 20852

- 15255 Comprehensive studies of solid waste management [with lists of references]; prepared by C. G. Golueke and P. H. McGauhey. 1970. xx+202 +xvii+245 p. il. 4° ([Public Health Service publication 2039.]) [Interim reports (SW-3 rg) on work performed under research grant EC-00260 (formerly successive grant nos. were UI-00547 and SW-00003) to University of California.] \* Paper, \$4.25. ● Item 487-A-1  
L.C. card 71-608963 HE 20.1402: C 73
- 15256 Developing State solid waste management plan: by Richard O. Toftner. 1970. ix+50 p. il. 4° ([Public Health Service publication 2031]; SW-42ts.) \* Paper, 60c. ● Item 487-A-2  
L.C. card 70-607466 HE 20.1408: M 31
- 15257 Sanitary landfill facts; by Thomas J. Sorg and H. Lanier Hickman, jr. 1970. [6]+30 p. il. 4° ([Public Health Service publication 1792]; SW-4ts.) [Some illustrations are colored.] \* Paper, \$1.00. ● Item 487-A-1  
L.C. card 70-607317 HE 20.1402: L 23/2
- 15258 Solid waste management, abstracts and excerpts from literature, v. 1-2; prepared by C. G. Golueke and Staff of College of Engineering, University of California. 1970. xi+308+vii+147 p. 4° ([Public Health Service publication 2038]) [This report (SW-2rg) performed under Research grant EC-00260 (formerly UI-00547).] \* Paper, \$4.00. ● Item 487-A-1  
L.C. card 77-608288 HE 20.1402: M 31
- 15259 Solid waste management, Federal role; [by Richard D. Vaughan]. [1969.] cover title, 22+[1] p. narrow 8° [Paper presented at symposium, Environmental equilibrium, criteria, cost, cooperation, National Pollution Control Conference and Exposition, sponsored by Houston Junior Chamber of Commerce, Houston, Tex., Apr. 22-24, 1969.] ‡ HE 20.1410: V 46

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Washington, DC 20240

## Fish disease leaflet FDL--(series).

- 15260 27. Approved procedure for determining absence of infectious pancreatic necrosis (IPN) virus in certain fish and fish products [with annotated bibliography]; prepared by Donald F. Amend and Gary Wedemeyer, June 1970. 4 p. 4° (Division of Fishery Research.) † I 49.28/3: 27

- 15261 Marshland wildlife drive, Seney National Wildlife Refuge, Mich. [1970.] cover title, [12] p. il. [Map on p. 2 of cover.] \* Paper, 25c. ● Item 612 I 49.2: M 35

## National estuary study. Jan. 1970. [Prepared in cooperation with Commercial Fisheries Bureau.] ● Item 612

L.C. card 79-608129

I 49.2: Es 8/2/v. (nos.)

- 15262 v. 1. Main report. [1]+iii+90+4 p. 19 p. of pl. 4° [Some pages are numbered as leaves only, the unnumbered sides bearing the illustrations. Some plates are colored. Also issued as H. doc. 274, 91st Congress, 2d session.] \* Paper, \$1.75.
- 15263 v. 2. Appendix A, Staff report [with selected list of references]. [1]+iv+303 p. il. 23 p. of pl. 4° [Illustrations are colored. Also issued as H. doc. 286, pt. 1, 91st Congress, 2d session.] \* Paper, \$3.00.
- 15264 v. 3. Appendix B, Management studies in specific estuaries. [5]+326+[14] p. il. 20 maps, 4° [Maps are colored. Also issued as H. doc. 286, pt. 2, 91st Congress, 2d session.] \* Paper, \$4.75.
- 15265 v. 4. Appendix C. Additional support data for biophysical profiles; appendix D, Estuarine landscape survey and analysis [with bibliography]. [299] p. il. 4° [Also issued as H. doc. 286, pt. 3, 91st Congress, 2d session.] \* Paper, \$2.25.
- 15266 v. 5. Appendix E, Some economic factors affecting estuary zone including market outlooks for estuary products; appendix F, Technological impacts on estuary resource use; appendix G, Conflicts and problems in specific estuaries [with bibliographies]. [296] p. il. 4° [Also issued as H. doc. 286, pt. 4, 91st Congress, 2d session.] \* Paper, \$2.25.
- 15267 v. 6. Appendix H, Evaluation of existing methods of coordinating State and Federal actions; appendix I, Federal, State, and local laws and tax policies affecting use of estuarine resources. [285] p. il. 4° [Also issued as H. doc. 286, pt. 5, 91st Congress, 2d session.] \* Paper, \$2.00.
- 15268 v. 7. Appendix J, Inventory of State development plans and policies for uses of estuarine resources; appendix K, Evaluation of existing public management schemes relevant to estuarine resource use. [185] p. 4° [Also issued as H. doc. 286, pt. 6, 91st Congress, 2d session.] \* Paper, \$1.50.

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- 15269 68. Sea otter in eastern Pacific Ocean [with list of references]; by Karl W. Kenyon. [Aug. 1969.] cover title, xiii+352 p. il. Text on p. 2 of cover.] \* Paper, \$1.75. ● Item 612-A L.C. card 78-607965 I 49.30: 68

- 15270 Puddle ducks [with suggested reading list]. [1970.] [16] p. il. 4° \* Paper, 15c. ● Item 612 I 49.2: D 85/2

## Refuge leaflets. †

I 49.44: (nos.)

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- 15272 144. Birds of Moosehorn Wildlife Refuge. Apr. 1970. [6] p. narrow 16°
- 15273 150. Birds of National wildlife refuges on Florida Keys. [May 1970.] [4] p. narrow 12° [Page 4 left blank to be used for notes.]
- 15274 178. Birds of Monte Vista National Wildlife Refuge. [June 1970.] [6] p. narrow 8°
- 15275 241. Birds of Las Vegas National Wildlife Refuge. [Apr. 1970.] [4] p. narrow 16°

## Regulatory announcement.

- 15276 85. Federal regulations governing hunting, possession, transportation and importation of mourning and white-winged doves, wild pigeons, rails, woodcock, snipe, sea ducks, and gallinule in contiguous United States and in Hawaii, Puerto Rico, and Virgin Islands and of waterfowl, coots, snipe, and cranes in Alaska, 1970-71. Aug. 1970. 16 p. † ● Item 613 I 49.24: 85

## Technical papers.

- 15277 45-46. Factors affecting pesticide-induced toxicity in an estuarine fish: Acute toxicities of organochlorine and organophosphorus insecticides to estuarine fishes [with list of references]; by Ronald Eisler. Mar. 1970. ii+20+12 p. il. 4° † ● Item 615-A L.C. card 73-608942 I 49.68: 45-46

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- 15293 Foreign Affairs Research Documentation Center, special papers available: Western Europe, Great Britain, and Canada, list of papers accessioned between 1964-70 in Foreign Affairs Research Documentation Center. July 1970. cover title, [2]+72 p. 4° (Office of External Research.) [Text on p. 2 of cover. List of recent publications issued by Office of External Research on p. 3 of cover.] ‡ S 1.126/2: W 52
- General foreign policy series. †
- 15294 245. Rule of law and settlement of international disputes [address by Secretary Rogers, made before American Society of International Law at New York, N.Y., Apr. 25, 1970]. [July 1970.] [2]+5 p. 4° ([Publication 8538; Office of Media Services, Bureau of Public Affairs.]) [Reprinted from Department of State bulletin, May 18, 1970. Series designation given incorrectly in publication as 248.] \* Paper, 10c. ● Item 875 L.C. card 72-608320 S 1.71: 245
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- 15296 88. Algeria-Mauritania boundary. [Revised] July 15, 1970. cover title, [1]+3 p. map 4°
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- 15335 U.S. National Commission for UNESCO memo, special issue: [Man and his environment, view toward survival, 13th National Conference of United States National Commission for UNESCO Nov. 23-25, 1969, San Francisco, Calif.] [1970.] [3]+29 p. il. 4° † S 5.48/14: En 8

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- 15338 Wool, shorn wool production, 1970. July 27, 1970. 2 p. 4° (MtAn 5-3 (7-70); Crop Reporting Board.) † A 92.29: 970

## SYSTEMS RESEARCH AND DEVELOPMENT SERVICE, Transportation Dept., Washington, DC 20553

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- 15339 69-53. See Federal Aviation Administration, National Aviation Facilities Experimental Center report 70-3, TD 4.32: 70-3.
- 15340 70-1. Evaluation of laser for use as transmissometer calibrator, final report [with list of references: by] David H. George, Robert J. McCann. Jan. 1970. cover title, vii+76+ [13] p. il. 4° ([Work unit 450 401-05E, agreement FA-65 WA1-96.]) † Paper, \$3.00.  
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- 15341 70-16. Economic studies and some test results from fog dissipation systems in France; [edited by Robert L. Northedge. Apr. 1970. cover title, [66] p. il. 4° ([Work unit 400 area.]) [Translated from original French by Language Service, Inc.] † Paper, \$3.00.
- 15342 70-21. Rain attenuation study for 15 GHz relay design, final report. [with list of references; by] R. E. Skerjanec and C. A. Samson. May 1970. cover title, lii+59 p. il. 4° [Prepared under contract FA 65 WA1-86 by Institute for Telecommunication Sciences, Environmental Science Services Administration, Commerce Dept.] † Paper, \$3.00.

## TARIFF COMMISSION Washington, DC 20436

- 15343 Automotive soft trim: Certain workers of American Motors Corporation, Wyoming, Mich., report to the President on investigation TEA-W-27 under sec. 301(c) (2) of Trade expansion act of 1962. Aug. 1970. [3]+12 + [7] p. 4° (TC publication 333.) † TC 1.2: Au 8/18
- 15344 Electrical components and apparatus and allied products: production and maintenance workers of F. W. Sickles Division, General Instrument Corporation, Chicopee and Ludlow, Massachusetts, report to President on investigation TEA-W-21 under sec. 301(c) (2) of Trade Expansion Act of 1962. July 1970. [2]+ii+10+A19 p. 4° (TC publication 329.) † TC 1.2: El 2

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- 15345 Imports of benzenoid chemicals and products, 1969, United States general imports of intermediates, dyes, medicinals, flavor and perfume materials, and other finished benzenoid products entered on 1969 under schedule 4, pt. 1, of Tariff schedules of United States. July 1970. cover title, [1]+93 p. 4° (TC publication 328.) †  
L.C. card 65-62724 TC 1.36: 969
- 15346 Protective footwear of rubber on plastics and rubber-or-plastic-soled footwear with fabric uppers: certain workers at Mishawaka, Ind., plant of Uniroyal, Inc., Watertown, Mass., plant of B. F. Goodrich Footwear Co., and Rock Island, Ill., plant of Servus Rubber Co., report to President on worker investigations TEA-W-23, TEA-W-26. July 1970. [3]+12+AG2 p. 4° (TC publication 330.) †  
TC 1.2: F 73/3
- 15347 Synthetic organic chemicals, United States production and sales of pesticides and related products, 1969, preliminary. July 1970. cover title, [1]+11 p. 4° †  
TC 1.33/2: P 43/969
- 15348 Umbrellas and metal parts thereof, report to the President on investigation TEA-1-17 under sec. 301(b) of Trade expansion act of 1962. Aug. 1970. cover title, ii+12+[40] p. 4° (TC publication 334.) † TC 1.2: Um 1/3
- 15349 Whole dried eggs from Holland, determination of injury in investigation AA1921-63, under Antidumping act, 1921, as amended. July 1970. cover title, [1]+13 p. 4° (TC publication 332.) † TC 1.31/2: Eg 3

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- 15350 Fertilizer trends, 1969 [with list of references; by] Edwin A. Harre. 103 p. il. 4° (National Fertilizer Development Center, Muscle Shoals, Ala.) †  
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- 15351 Fish inventory data, Norris Reservoir, 1969. Apr. 1970. [2]+3 p. map, 8 tab. 4° (Fisheries and Waterfowl Resources Branch.) †  
Y 3.T 25: 2: F 53/11
- 15352 Publications available for general distribution. July 1970. 10+[1] p. 4° (Division of Forestry, Fisheries, and Wildlife Development, Norris, Tenn.) †  
Y 3.T 25: 27 P 96/4/970
- 15353 Tennessee Valley streams, their fish, bottom fauna, and aquatic habitat: Powell River drainage basin, 1968 [with list of literature cited]. Apr. 1970. [2]+6 p. map, 11 tab. 4° (Division of Forestry, Fisheries, and Wildlife Development.) †  
Y 3.T 25: 27 P 87

### TRANSPORTATION DEPARTMENT Washington, DC 20590

#### Automobile insurance and compensation study. ● Item 982-C-1

- 15354 Analysis of complaints in selected automobile insurance markets, advisory report to Division of Industry Analysis, Bureau of Economics, Federal Trade Commission, for Department of Transportation; by Douglas G. Olson, assisted by August R. Ralston. July 1970. vii+88 p. 4° \* Paper, \$1.00.  
L.C. card 78-608883 TD 1.17: C 73/2
- 15355 Automobile personal injury claims, v. 1. July 1970. viii+248 p. 4° \* Paper, \$2.00.  
L.C. card 72-608627 TD 1.17: P 43/v.1
- 15356 Automobile personal injury claims, v. 2: pt. 3, App. D. July 1970. vii+307 p. 4° \* Paper, \$2.25.  
L.C. card 72-608627 TD 1.17: P 43/v.2
- 15357 Economic regulation of insurance in United States; [by] John G. Day. July 1970. v+77 p. \* Paper, 40c.  
L.C. card 77-608900 TD 1.17: In 7/2
- 15358 Insolvencies among automobile insurers, advisory report to Division of Industry Analysis, Bureau of Economics, Federal Trade Commission for Department of Transportation; by Douglas G. Olson. July 1970. vii+146 p. 4° \* Paper, \$1.25.  
L.C. card 79-608389 TD 1.17: In 7
- 15359 Motor vehicle assigned risk plans, report of Division of Industry Analysis, Bureau of Economics, Federal Trade Commission to Department of Transportation; by William T. Hold, assisted by Harry P. Haiduk. Aug. 1970. xi+129 p. 4° \* Paper, \$1.25.  
L.C. card 79-608626 TD 1.17: M 85

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Automobile insurance and compensation study—Continued

- 15360 Rehabilitation of auto accident victims; by John Henle. Aug. 1970. v+49 p.  
\* Paper, 85c. L.C. card 77-608872 TD 1.17: R 26
- 15361 Study of assigned risk plans, report of Division of Industry Analysis, Bureau of Economics, Federal Trade Commission to Department of Transportation; by Dennis F. Reinmuth [and] Gary K. Stone. Aug. 1970. v+24 p. \* Paper, \$1.00. L.C. card 72-608599 TD 1.17: As 7
- 15362 Cleveland Hopkins Airport access study, survey results: [by] Regional Planning Commission, Cuyahoga County, Ohio. June 1970. ix+180 p. il. 4° [Prepared for Office of Assistant Secretary for Policy and International Affairs and Urban Mass Transportation Administration.] † Office of Information (TPA-20), Department of Transportation, Washington, DC 20590 ● Item 982-C-1 TD 1.2: C 59
- 15363 Department of Transportation national plan for navigation. May 1970. cover title, [5]+32 p. il. 4° (Federal Aviation Administration; U.S. Coast Guard.) † TD 1.19: 970
- 15364 National transportation planning manual: Manual A, general instructions. July 1970. cover title, [177] p. 4° (BOB no. 004-S70028.) † ● Item 982-C-5 TD 1.8: T 68/970-90

TREASURY DEPARTMENT  
Washington, DC 20220

- 15365 Remarks of Charls E. Walker, Under Secretary of Treasury before Tax Section of American Bar Association, St. Louis, Mo., Aug. 9, 1970. [1970.] 4 p. 4° (K-466.) † T 1.31: W 151/7
- 15366 Treasury enforcement agent. [Revised Aug. 1970.] [1970.] cover title, 20 p. il. 4° ([IRS Publication 619; Bureau of Customs, Internal Revenue Service, Secret Service.]) † ● Item 925 T 1.2: En 2/970

UNEMPLOYMENT INSURANCE SERVICE, Labor Dept.  
Washington, DC 20210

NOTE.—The Unemployment Insurance Service was established within the Labor Department's Manpower Administration.

BES (series).

- 15367 U-141. Comparison of State unemployment insurance laws, comparison revision, series 3, no. 1. Aug. 31, 1970. [131] p. (Unemployment Insurance Service.) \* Paper, 75c. ● Item 752-B L 7.61: U-141/965/rev/series 3/1
- 15368 Unemployment insurance, questions and answers on employment security amendments of 1970. [1970.] [14] p. oblong 48° \* Paper, 15c. ● Item 783-E-1 L 32.2: Q 3/970
- 15369 Unemployment insurance tax rates by industry, 1968. 1970. vi+45 p. 4° † ● Item 752-B L 33.11: 968  
L.C. card L 64-56

UNITED STATES-PUERTO RICO COMMISSION ON STATUS OF  
PUERTO RICO, 1634 I Street N.W., Washington, DC 20006

- 15370 Status de Puerto Rico, Informe de la Comision de Los Estados Unidos y de Puerto Rico sobre el status de Puerto Rico [con bibliografia seleccionada]. Agosto 1966. v+282 p. [For English edition, see Monthly catalog, Feb. 1967, Entry 2959.] \* Paper, 75c.

Y 3.Un 3/5: 1/966/Spanish

UNITED STATES TRAVEL SERVICE, Commerce Dept.  
Washington, DC 20230

- 15371 Foreign visitor arrivals, 1959-69. [1970.] 3 p. 4° (Office of Research and Analysis.) † C 47.2: V 82/4
- 15372 USA ofertas turisticas visite E.U.A. [for visitors from overseas.] [1970.] [8] p. narrow 8° (408-S.) † C 47.2: T 69/2/970/Spanish
- 15373 USA travel bargains [for visitors from overseas]. [1970.] [8] p. narrow 8° † C 47.2: T 69/2/970

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

●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## URBAN MANAGEMENT ASSISTANCE ADMINISTRATION, Housing and Urban Development Dept., Washington, DC 20401

- Housing planning information series. † HH 8.10:(nos.)
- 15374 3. Legal questions associated with low-income and minority housing. Nov. 1969. [2]+6 p. 4° (Office of Metropolitan Development, HUD Clearinghouse Service.)
- 15375 8. Housing planning notes. Oct. 1969. [2]+19 p. 4° (Office of Metropolitan Development; HUD Clearinghouse Service.)
- 15376 9. Housing planning notes [v. 2]. June 1970. cover title, [3]+17 p. 4° (HUD-48-MD; Office of Planning Assistance and Standards.) ● Item 584-N-1

## VETERANS ADMINISTRATION Washington, DC 20420

### Information bulletin IB (series).

- 15377 15-1. Notes on biometry in medical research, supplement 1; [by Donald Mainland]. June 1970. cover title, [1]+35 p. il. 4° (Research Support Centers, Research and Education in Medicine, Department of Medicine and Surgery.) † ● Item 986-A VA 1.22:15-1/supp.1

### Research monograph.

- 15378 10. County veteran population, Dec. 1969; [prepared by Frank Van Buskirk]. [1970.] cover title, vi+73 p. 4° (Reports and Statistics Service, Office of Controller.) † ● Item 989-F L.C. card 73-608934 VA 1.48/2:10

### VA pamphlets. † ● Item 988

VA 1.19:(nos.)

- 15379 10-56. Social work in Veterans Administration, career opportunities in VA hospitals & clinics, nationwide, professional social workers, social work associates, graduate training. [Revised May 1970.] [1970.] [2]+12 p. il. 4° ([Department of Medicine and Surgery.]) [Supersedes VA pamphlet 10-56, revised May 1969.]
- 15380 26-7. Lenders handbook [guaranty or insurance of loans to veterans, GI loan program]. Change 1. July 27, 1970. [3] p. 4° [Issued in looseleaf form.]
- 15381 29-17. National service life insurance information and premium rates, J and JR policies. [Revised] June 1970. [1970.] cover title, v+39 p. narrow 8° (Department of Veterans Benefits, Insurance Service.) [Text on p. 2 of cover. Rescinds VA pamphlet 29-17, Mar. 1965.]
- 15382 29-23. National service life insurance total disability income provision premium rates on NSLI (V), (RS) & (W) policies for TDIP "60" and TDIP "65". Revised [edition]. Oct. 1970. [1]+ii+41 p.
- 15383 Voluntary service, National Advisory Committee, report of annual meeting, Volunteer in today's world, pt. 1, Washington, D.C., Mar. 31-Apr. 1, 1970. July 1970. vi+58 p. il. 4° (Office of Chief Medical Director.) † ● Item 985 L.C. card 61-61961 VA 1.2: V 88/970/pt.1

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

- 15384 Executive, administrative, professional and outside salesmen exemptions under Fair labor standards act. [May 1970.] 17 p. narrow 8° (WH publication 1224; [Wage and Hour Division].) † ● Item 777-B L 22.33: Sa 3
- 15385 Hospitals under Fair labor standards act. May 1970. [1]+14 p. 4° (WH publication 1301; Wage and Hour Division.) [Includes list of publications.] † ● Item 777 L 22.2: H 79/10
- Interpretative bulletin, title 29, of Code of Federal regulations.
- 15386 pt. 860. Age discrimination in employment act of 1967. [1970.] iii+7 p. 4° (WH publication 1293; Wage and Hour Division.) [Conforms to Code of Federal regulations as of Apr. 1, 1970.] † ● Item 778 L 22.10: 860

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OCTOBER 1970

WEATHER BUREAU, Commerce Dept.  
Washington, DC 20235

- 15387 Daily river stages, v. 63, 1967 [with list of reference notes]; compiled by National Weather Records Center, Environmental Data Service. 1970. iv +173 p. il. 4° [Prepared for Office of Hydrology. Prior to 1949 issue, publication was entitled Daily river stages at river gage stations on principal rivers of United States. Includes list of corrigenda.] \* Paper. \$1.50. ● Item 274  
L.C. card 65-9158 C 30.24: 63
- 15388 Marine weather services chart: Mexican border to Point Conception, Calif. Scale 50 naut. m.=2.6 in. Apr. 1970. 12 x 19 in. [Lambert conformal conic projection. Text on reverse.] \* Paper, 15c. C 30.22/6: M 57

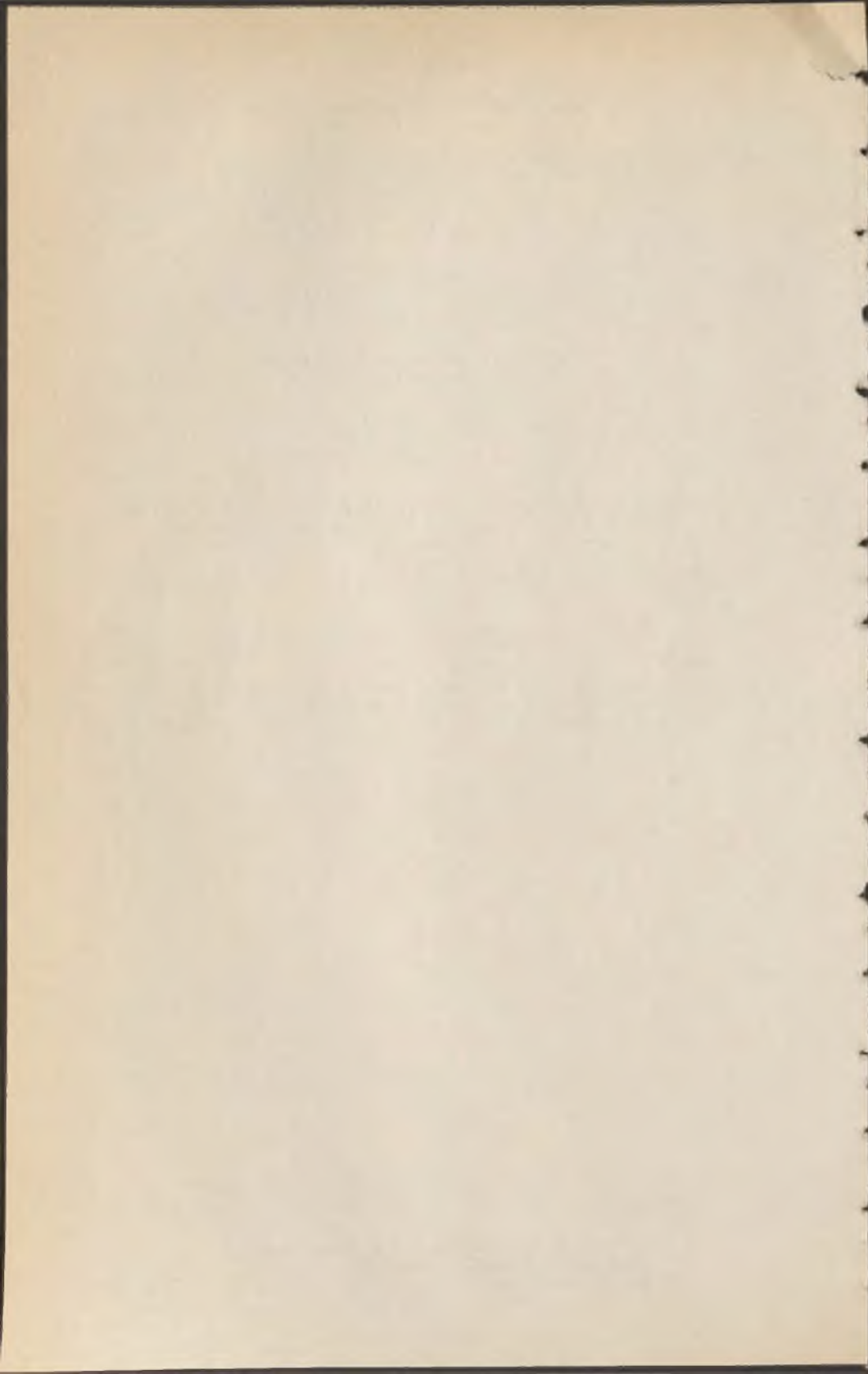
WOMEN'S BUREAU, Labor Dept.  
Washington, DC 20210

- 15389 Day care facts [with bibliography]; prepared by Beatrice Rosenberg. [May 1970.] 15 p. 4° ([WB-70-213.]) † ● Item 782 L 13.2: D 33/3/970
- 15390 Labor laws affecting women, capsule summary: Ohio, May 1, 1970. 9 p. 4° ([WB 70-190.]) † L 13.14: Oh 3/970

YOUTH DEVELOPMENT AND DELINQUENCY PREVENTION  
ADMINISTRATION, Health, Education, and Welfare Dept.  
Washington, DC 20201

NOTE.—The Youth Development and Delinquency Prevention Administration has been established as an organizational unit within the Social and Rehabilitation Service.

- 15391 State responsibility for juvenile detention care; [by] John J. Downey. 1970. v+16 p. ([Publication SRS-JD-135/970.]) \* Paper, 20c. ● Item 512-A-1 HE 17.802: J 98
- 15392 Youthful drug use; [by] Richard Brotman [and] Frederick Suffet. 1970. v+39 p. ([SRS-145.]) \* Paper, 30c. ● Item 512-A-1 L.C. card 74-608681 HE 17.802: D 84



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