

# MONTHLY CATALOG

UNITED STATES

GOVERNMENT PUBLICATIONS

JULY 1969

Entries 8941-10455

② 737  
996

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oblong-----	width more than height

# MONTHLY CATALOG



OF UNITED STATES  
GOVERNMENT PUBLICATIONS

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JULY 1969

Number 894

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Entries 8941-10455

Issued by the SUPERINTENDENT OF DOCUMENTS

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U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, DC 20402 : 1969

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## PREVIEWS

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

- American military history (Military History Office.) \$8.00. ● FP 1.2: A11/2  
 Annual report of Railroad Retirement Board, fiscal year 1968. [Also issued as H. doc. 27, 91st Cong., 1st sess.] (Railroad Retirement Board.) \$1.00. ● D 114.2: M 59  
 Apollo spacecraft, chronology, vol. 1. (National Aeronautics and Space Administration, NASA SP-4009.) \$2.50. ● NAS 1.21: 4009/v.1  
 Astronomical phenomena for year 1972. (Naval Observatory.) 55c. ● RR 1.1: 968  
 D 213.8/3: 972  
 Automotive mechanic entry, suggested guide for training course. (Education Office, OE-87041.) 35c. ● FS 5.287: 87041  
 Cancer services, facilities, and programs in United States. [Revised 1969.] (Public Health Service.) \$1.25. ● FS 2.2: C 16/5/969  
 Civil Service retirement system. (Civil Service Commission, Federal employee facts no. 3, revised.) \$5.00 per 100, single copy 10c. ● CS 1.59: 3/9  
 Control of nonsubterranean termites. (Agriculture Department, Farmers' bulletin 2018, slightly revised.) 15c. ● A 1.9: 2018/4  
 Customs hints for returning U.S. residents. [Revised 1969.] (Customs Bureau.) \$25.00 per 100, single copy 35c. ● T 17.2: C 96/3/969  
 Department of Transportation, what it is, what it does. [Revised April 1969.] (Transportation Department.) 35c. ● TD 1.2: T 68/969  
 Documentation guidelines for new technology reporting. (National Aeronautics and Space Administration, NHB 2170.3.) 55c. ● NAS 1.18: T 22/4  
 Education, literature of the profession. (Education Office, OE-10060.) 45c. ● FS 5.210: 10060  
 FAA statistical handbook of aviation. [1968 edition.] (Federal Aviation Administration.) \$2.75. ● TD 4.20: 968  
 Flight navigator, written test guide. (Federal Aviation Administration, AC 63-2A.) 40c. ● TD 4.8: F 64/2  
 Food and your weight. (Agriculture Department, Home and garden bulletin 74, slightly revised.) 15c. ● A 1.77: 74/4  
 Food for us all, 1969 yearbook of agriculture. [Also issued as H. doc. 29, 91st Cong., 1st sess.] (Agriculture Department.) \$3.50. ● A 1.10: 969  
 Food guide for older folks (Agriculture Department, home and garden bulletin 17, slightly revised.) 10c. ● A 1.77: 17/8  
 For all the people, by all the people. (Civil Rights Commission.) \$1.50. ● CR 1.2: P 39  
 Gold regulations. [Revised May 1969.] (Treasury Department.) 15c. ● T 1.10: G 56/3/969  
 Guide for Air Force writing. (Air Force Department, Air Force pamphlet AFP-10-1.) \$1.25. ● D 301.35: 10-1  
 Guide to National Science Foundation programs. [Revised 1969.] (National Science Foundation.) 75c. ● NS 1.20: P 94/969  
 Index to James K. Polk papers. (Library of Congress.) \$1.25. ● LC 4.7: P 75  
 Investment company act of 1940, as amended. [Revised 1969.] (Securities and Exchange Commission.) 50c. ● SE 1.5: In 8/969

- List of chemical compounds authorized for use under USDA poultry, meat, rabbit, and egg products inspection programs.** [Revised April 1969.] (Commodity Exchange Authority.) \$1.25. ● A 88.6: C 42/969
- Manual for evaluating public drinking water supplies.** (Public Health Service.) 40c. ● FS 2.6/2: W 29/6
- Muskmelons for the garden** (Agriculture Department, Leaflet 509, revised.) 5c. ● A 1.35: 509/4
- Naval Overseas Transportation Service.** (Naval Operations Office.) \$4.75. ● D 207.10/2: T 68
- Oceanographic surveys, fiscal year 1968.** (Naval Oceanographic Office, SP-125.) 60c. ● D 203.22/3: 125
- Right to exist, report on our endangered wildlife.** (Fish and Wildlife Service, Resource publication 69.) 25c. ● I 49.66: 69
- United States Government organization manual, 1969-70.** (Federal Register Office.) \$3.00. ● GS 4.109: 969
- Vegetables in family meals, guide for consumers.** (Agriculture Department, Home and garden bulletin 105, revised.) 20c. ● A 1.77: 105/3
- What about land in Alaska?** (Land Management Bureau, Information bulletin no. 2, revised.) 10c. ● I 53.9: 2/5
- Working for the U.S.A.** (Civil Service Commission, Pamphlet 4, revised.) 20c. ● CS 1.48: 4/17

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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.

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



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

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

## LIST OF SELECTED PUBLICATIONS

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## CONGRESSIONAL BILLS, DOCUMENTS, AND REPORTS

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

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

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

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

# New Classification Numbers

C 30.6/6 : nos-----	<b>Weather Bureau.</b> Weather Bureau observing handbooks.
C 42.11/3 : nos-----	<b>International Commerce Bureau.</b> Export control bulletin, supplement to Export control regulations.
C 42.31 : nos-----	<b>International marketing information service, IMIS (series).</b>
CS 1.43/2 : date-----	<b>Civil Service Commission.</b> Best bets for returning veterans in Washington, D.C. area. <b>NOTE.</b> —See, for earlier class, CS 1.2 : V 64/8/ date.
D 7.1/2 : date-----	<b>Defense Department.</b> Defense Logistics Services Center, Battle Creek, Mich., Annual historical summary, fiscal year.
D 104.10/2 : CT-----	<b>Army Medical Service.</b> Bibliographies and lists of publications.
D 203.29/2 : nos-----	<b>Naval Oceanographic Office.</b> Monthly summary, The Gulf Stream, supplements.
D 301.40/2 : nos-----	<b>Air Force Department.</b> Environmental Technical Applications Center: Technical notes.
D 301.42/2 : nos-----	<b>Aerospace sciences review.</b> <b>NOTE.</b> —AWS recurring publication 105-2.
FHL 1.8/2 : date-----	<b>Federal Home Loan Bank Board.</b> Real estate foreclosure report (quarterly). <b>NOTE.</b> —Replaces Nonfarm real estate foreclosure report, FHL 1.8 : (date).
FR 1.51 : Reserved	<b>Federal Reserve System Board of Governors.</b>
FR 1.52 : date-----	<b>Weekly summary of banking and credit measures.</b> <b>NOTE.</b> —Federal reserve statistical release H.9.
FS 1.34 : date-----	<b>Health, Education, and Welfare Department.</b> HEW consumer newsletters.
FS 2.300/4 : Reserved	<b>Public Health Service.</b>
FS 2.300/5 : nos-----	<b>Analytical Reference Service studies.</b> <b>NOTE.</b> —See, for earlier studies, FS 2.300 : UIH-8, UIH-10, UIH-11 and WP-26.
FS 17.17 : CT-----	<b>Social and Rehabilitation Service.</b> Bibliographies and lists of publications. <b>NOTE.</b> —See, for earlier similar class, FS 14.13 : (CT).
FS 17.19 : nos-----	<b>Public assistance reports.</b> <b>NOTE.</b> —See, for earlier class, FS 14.213 : (nos.)
FS 17.626 : date-----	<b>National Center for Social Statistics.</b> State maximums and other methods of limiting money payments to recipients of special types of public assistance, NCSS report D-3. <b>NOTE.</b> —See, for earlier class, FS 17.2 : P96/date.



- GS 4.17/3 : CT----- National Archives and Records Service.  
Bibliographies and lists of publication.
- GS 4.23 : v. nos. & nos----- Prologue, Journal of the National Archives.  
Geological Survey.
- I 19.57 : nos----- Investigation of floods in Hawaii, progress re-  
ports (annual).
- I 49.70 : nos----- Sport Fisheries and Wildlife Bureau.  
Investigations in fish control.
- J 1.35/2 : nos----- Justice Department.  
LEEP [Law Enforcement Education Program]  
newsletter (monthly).
- L 2.61/10 : date----- Labor Statistics Bureau.  
Wholesale price indexes, advance summary.
- PrEx 1.10/3a : CT----- President of United States.  
President's Committee on Employment of the  
Handicapped : Performance (separates).
- PrEx 10.24 : CT----- Economic Opportunity Office.  
Federal outlays (annual).
- T 63.113/a : CT----- Accounts Bureau.  
Combined statement of receipts, expenditures,  
and balances of United States Government  
(separates).
- TD 1.108 : CT----- National Transportation Safety Board.  
Handbooks, manuals, guides.
- Y 3.Ap4/2 : 9 Reserved  
Y 4.Ap4/2 : 10/nos----- Appalachian Regional Commission.  
Research reports.
- Y 3.F 31/8 : 20 CT----- Federal Deposit Insurance Corporation.  
Summary of accounts and deposits in all com-  
mercial banks [by districts].
- Y 3.F 31/8 : 21/date----- NOTE.—See, for earlier class, Y 3.F 31/8 : 2 Ac 2/  
date.  
Summary of accounts and deposits in all mu-  
tual savings banks.
- NOTE.—See, for earlier class, Y 3.F 31/8 : 2 Ac 2/  
2/date.

#### Discontinued Series

- FHL 1.8 : date----- Federal Home Loan Bank Board.  
Nonfarm real estate foreclosure report (quar-  
terly).
- NOTE.—Discontinued with 4th quarter 1968 is-  
sue. Replaced by Real estate foreclosure report,  
FHL 1.8/2 : (date).

#### Corrections for Previous Monthly Catalogs

- Feb. 1952. Entry 3134, Construction, business service, motion picture, and misce-  
laneous industries in Puerto Rico. Correct class to read L 22.2 : C 76.
- Feb. 1967. Entry 2969, Construction industry under Fair labor standards act  
as amended in 1966. Correct class to read L 22.2 : C 76/2.
- July 1968. Entry 9239, Occupational earnings in selected areas, 1967-68, summary  
release no. 1 of 3 (28 areas). Correct class to read L 2.2 : Oc 1/19/67-68/no.1.
- Mar. 1969. Entry 4616, Half century of Soviet serials 1917-68, bibliography and  
union list of serials published in USSR; compiled by Rudolf Smits. Delete  
from entry ● Item 818-B. This publication was not distributed to depository  
libraries.
- Entry 4821, Publication 76, Change 10, Jan. 4, 1969 . . . Correct the 2d and  
3d lines of entry to read : tions for southeast coast of Australia, 3d edition, 1952.  
[1969.] [265] p. il. 4° [Formerly no. 168. Includes list of effective pages.]  
† Paper, 35c.

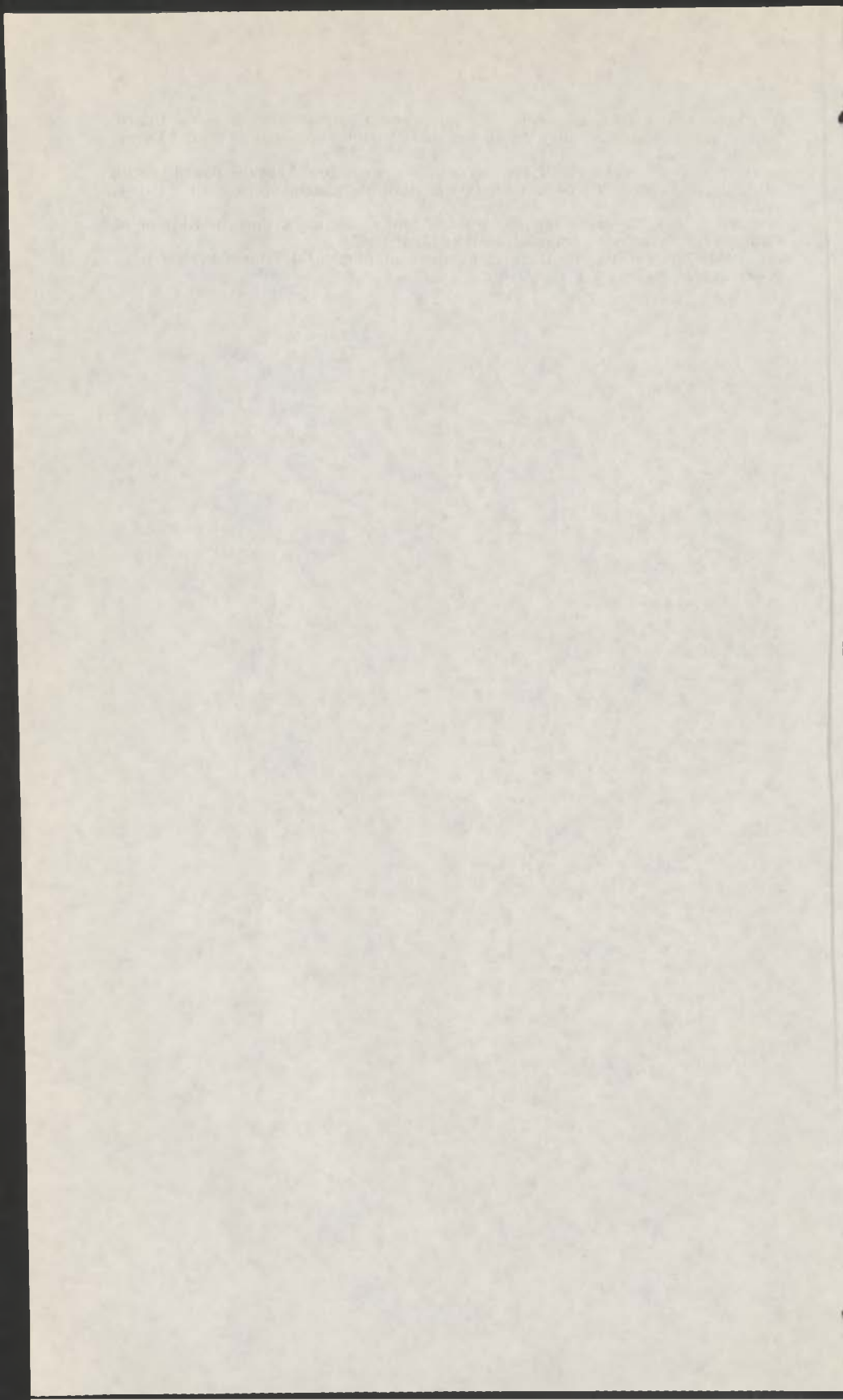


Apr. 1969. Entry 5561, Decisions of Employees' Compensation Appeals Board, index digest, v. 16-18, supp. 2. Correct distribution statement to read \* Paper, \$1.50.

— Entry 5562, Decisions of Employees' Compensation Appeals Board, v. 19, July 1, 1967-June 30, 1968. Correct distribution statement to read \* Paper, \$2.75.

— Entry 6154, Progress report on petroleum statistics, report to Bureau of Budget for 1967. Correct class to read I 64.2:P 44/3.

May 1969. Entry 6702, B. Rural telephone supplemental financing, hearings. Correct class to read Y 4.Ag 8/1:T 23/3/969.



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# Monthly Catalog

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

- 8941 Report on foreign currencies in custody of United States, fiscal year 1968 [1969.] cover title, [1]+82 leaves, 4° [Extracted from pt. 5 of Combined statement.] † T 63.113/a: F 761/968

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

- 8942 Tables of bankruptcy statistics with reference to bankruptcy cases commenced and terminated in United States District Courts during fiscal year June 30, 1968; prepared in accordance with sec. 53 of Bankruptcy act. [Apr. 22, 1969.] cover title, [71] p. il. 4° † Ju 10.9: 968  
L.C. card 41-50534

## ADVISORY COMMISSION ON INTERGOVERNMENTAL RELATIONS Washington, DC 20575

- 8943 Apportionment of State legislatures; Dec. 1962. [1965.] xi+78+42 p. 4° (Commission report, A-15.) [Implementing State legislation added.] † L.C. card 71-602202 Y 3.Ad 9/8: 2 Ap 6/rep.  
8944 Intergovernmental responsibilities for water supply and sewage disposal in metropolitan areas; Oct. 1962. [1965.] [9]+135+24 p. 4° (Commission report, A-13.) [Implementing suggested State legislation added.] † L.C. card 75-602203 Y 3.Ad 9/8: 2 W 29/rep.

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

ARS (series). † A 77.15:(nos.)

- 8945 44-6. Hatcheries and dealers participating in national poultry improvement plan; [compiled by Animal Husbandry Research Division]. Revised Feb. 1969. [1969.] cover title, 58 p. 4° [Text on p. 2 of cover.]  
8946 51-27. Comparison of keeping quality of Jonathan and red delicious apples stored in field boxes or prepackaged in film bags [with list of literature cited; by J. T. Worthington, R. E. Hardenburg, and H. C. Vaught]. May 1969. [2]+16 p. il. 4°  
8947 74-50. 9th Dry Bean Research Conference held Fort Collins, Colo., Aug. 13-15, 1968 [with bibliographies; prepared in Western Regional Research Laboratory, Albany, Calif.]. Feb. 1969. cover title, 94 p. il. 4° [Sponsored by National Dry Bean Council, Rocky Mountain Bean Dealers Association, Colorado State University, and Western Utilization Research and Development Division.]  
8948 74-79. 18th National Potato Utilization Conference held at Corvallis, Oreg. July 30-Aug. 2, 1968 [articles, with bibliographies; prepared in Western Regional Research Laboratory]. [Jan. 1969.] cover title, 101 p. il. 4° † Western Regional Research Laboratory, Albany, CA 94710.  
L.C. card 61-45082

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# GOVERNMENT PUBLICATIONS

## Conservation research report.

- 8949 13. Flow and retention of water in layered soils [with list of literature cited; by D. E. Miller]. [May 1969.] ii+28 p. il. 4° [Prepared in cooperation with College of Agriculture, Washington State University.] \* Paper, 25c. ● Item 25-D  
L.C. card 72-602343 A 77.23:13

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

- 8950 Agricultural stabilization conservation programs, annual Congressional District summary, Minnesota. Apr. 1969. cover title, [1]+57 leaves, 4° †  
L.C. card 70602310 A 82.1/2: M 66/968  
L.C. card 70-602310
- 8951 Annual report of 1967, Caribbean Area Office, San Juan, P.R. June 1968. [12]+13+[1] p. il. 24 tabs. 4° †  
L.C. card 75-602270 A 82.1/2: C 19/967
- 8952 1968 annual report, West Virginia; [compiled and published by West Virginia State ASCS Office]. [1969.] cover title, iii+[13] leaves+68 p. 4° (Agricultural Stabilization and Conservation Service, Morgantown, W. Va.) [Text on p. 2 of cover.] †  
L.C. card 68-62252 A 82.1/2: W 52v/968
- 8953 ASCS annual report, Louisiana 1968. [1969.] cover title, [2] leaves+68 p. il. 4° †  
L.C. card 68-62249 A 82.1/2: L 93/968
- 8954 ASCS 1968 annual report, Arkansas. [1969.] cover title, [2] leaves+32 p. 4° (Agricultural Stabilization and Conservation Service, Arkansas State ASCS Office, Little Rock, Ark.) †  
L.C. card 72-602205 A 82.1/2: Ar 4k/698
- 8955 ASCS annual report for Kentucky, 1968. [1969.] cover title, [2]+64 p. il. 4° (Agricultural Stabilization and Conservation Service, Kentucky State Office, Lexington, Ky.) †  
L.C. card 76-602206 A 82.1/2: K 41/968
- 8956 Indiana ASCS, 1968 activity summary. [1969.] cover title, [2] leaves+60 p. 4° (Agricultural Stabilization and Conservation Service, State Office, Indianapolis, Ind.) †  
L.C. card 68-67113 A 82.1/2: In 2/968
- 8957 Indiana ASCS, 1968 activity summary by Congressional Districts. [1969.] cover title, [2] leaves+29 p. 4° (Agricultural Stabilization and Conservation Service, State Office, Indianapolis, Ind.) †  
A 82.1/2: In 2/968-2
- 8958 Missouri ASCS, 1968, activity summary. [1969.] [2] leaves+62 p. 4° †  
L.C. card 70-601494 A 82.1/2: M 69/968
- 8959 Montana 1968 annual report. Bozeman, Mont. [1969]. cover title, [5]+91 p.+[18] leaves il. 4° †  
L.C. card 70-600087 A 82.1/2: M 76/968
- 8960 Nebraska USDA, ASCS 1968 annual report. [1969.] cover title, [2]+i+83 p. 4° †  
L.C. card 68-67414 A 82.1/2: N 27/968
- 8961 New Hampshire, 1968 annual report. [1969.] cover title, [1]+8 leaves il. 4° (Agricultural Stabilization and Conservation Service, Durham, N.H.) †  
L.C. card 68-62250 A 82.1/2: N 42h/968
- 8962 New Mexico's 1968 ASCS annual report. [1969.] cover title, [3]+51 p. il. 4° (New Mexico Agricultural Stabilization and Conservation Service State Office, [Albuquerque, N.M.]) †  
L.C. card 68-62258 A 82.1/2: N 42m/968
- 8963 New York ASCS 1967 annual summary. [1969.] cover title, [85] p. il. 4° †  
L.C. card 73-602311 A 82.1/2: N 42y/967

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JULY 1969

AGRICULTURE DEPARTMENT  
Washington, DC 20250

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

**Agriculture handbook.**

- 8964 364. Low-cost wood homes for rural America, construction manual [with list of other references]; by L. O. Anderson. May 1969. iv+112 p. il. 4° (Forest Service.) \* Paper, \$1.00. ● Item 3 A 1.76:364

**Agriculture information bulletins.** ● Item 4

A 1.75:(nos.)

- 8965 312. Our foreign agricultural trade. [Revised May 1969.] [2]+24 p. il. oblong 24° ([Foreign Development and Trade Division], Economic Research Service.) \* Paper, 20c. L.C. card 78-602307

- 8966 336. Airphoto use in resource management, survey of non-Federal purchasers of Agricultural Stabilization and Conservation Service airphotos; [by Orville E. Krause]. [May 1969.] iv+26 p. il. 4° ([Natural Resource Economics Division], Economic Research Service.) \* Paper, 30c.

- 8967 Farmer and the consumer. Sept. 1968. 7 p. 4° † A 1.2:F 22/16  
Home and garden bulletin.

- 8968 162. Keeping food safe to eat, guide for homemakers; [prepared by Human Nutrition Research Division, Agricultural Research Service]. [June 1969.] 12 p. il. \* Paper, 10c. ● Item 11 A 1.77:162

**Leaflets.** ● Item 12

A 1.35:(nos.)

- 8969 187. Blight of pears, apples, and quinces; [prepared by Corps Research Division, Agricultural Research Service.] [Slightly revised May 1969.] [1969.] [6] p. il. narrow 8° \* Paper, 10c.

- 8970 367. Tomato fruitworm, how to control it; [by J. Wilcox and A. F. Howland]. [Slightly revised May 1969.] [1969.] [6] p. il. narrow 8° ([Entomology Research Division, Agricultural Research Service.]) \* Paper, 5c.

**Marketing research reports.** ● Item 13-B

A 1.82:(nos.)

- 8971 845. Experimental forced-air precooling of Florida citrus fruit [with list of literature cited; by James Soule, G. E. Yost, and A. H. Bennett]. [May 1969.] [4]+27 p. il. 4° (Agricultural Research Division.) [Prepared in co-operation with University of Florida Agricultural Experiment Stations.] \* Paper, 25c.

- 8972 850. Pricing systems for eggs [with list of selected references; by George B. Rogers and Leonard A. Voss]. [May 1969.] cover title, vi+65 p. il. 4° (Economic Research Service.) †

**Miscellaneous publications.** ● Item 13-A

A 1.38:(nos.)

- 8973 1137. Free-stall barns, 44 and 48 feet wide, May 1969. [2] p. il. 4° (Cooperative farm building plan exchange, plan 6042.) \* Paper, 5c.

- 8974 1139. Sheep corral for 250 head, May 1969. [2] p. il. 4° (Cooperative farm building plan exchange 6043.) \* Paper, 5c.

- 8975 1145. The poor, selected bibliography; [by Peter R. Maida and John L. McCoy]. [May 1969.] [1]+1+56 p. 4° (Economic Development Division, Economic Research Service.) \* Paper, 60c. L.C. card 70-602234

**PA [Program aid] (series).**

A 1.68:(nos.)

- 8976 476. Rural housing loans. [Revised Oct. 1968.] [1968.] [6] p. narrow 8° (Farmers Home Administration.) †

- 8977 526. This is 4-H. [Revised June 1967, slightly revised May 1969.] [1969.] 16 p. il. 4° (Federal Extension Service.) [Prepared in cooperation with State Land-Grant Universities.] † ● Item 14-A

- 8978 541. Protecting farms and gardens through plant quarantines. [Revised June 1969.] [1969.] [10] p. il. narrow 8° ([Plant Quarantine Division, Agricultural Research Service.]) † ● Item 14-A

- 8979 654. Quarantines prevent spread of plant pests. [Revised May 1969.] [1969.] [8] p. il. oblong 8° folded into narrow 8° (Agricultural Research Service.) [Prepared in cooperation with State agencies.] † ● Item 14-A

- 8980 851. Jones family and their clothing money. [Apr. 1968.] [4] p. il. 4° (Division of Home Economics, Federal Extension Service.) \* Paper, \$2.50 per 100; 10 for 25c.

- 8981 852. Ford family and their clothing money. [Apr. 1968.] [4] p. il. 4° (Division of Home Economics, Federal Extension Service.) \* Paper, \$2.50 per 100; 10 for 25c.

- 8982 853. Turner family and their clothing money. [Apr. 1968.] [4] p. il. 4° (Division of Home Economics, Federal Extension Service.) \* Paper, \$2.50 per 100; 10 for 25c.

- 8983 854. Your money and clothing labels. [Apr. 1968.] 8 p. il. 4° (Division of Home Economics, Federal Extension Service.) \* Paper, \$3.75 per 100; 10 for 40c.

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# GOVERNMENT PUBLICATIONS

## PA [Program aid] (series)—Continued

- 8984 870. Note to agents on Clothing series 2. [Apr. 1968.] [4] p. 4° (Division of Home Economics, Federal Extension Service.) \* Paper, \$2.50 per 100; 10 for 25c.
- 8985 871. Buying secondhand sewing machine. [Apr. 1968.] [4] p. ll. 4° (Division of Home Economics, Federal Extension Service.) \* Paper, \$2.50 per 100; 10 for 25c.
- 8986 872. Styles that look good make you feel good, teaching guide for home economics program aides. [Apr. 1968.] 16 p. ll. 4° (Division of Home Economics, Federal Extension Service.) \* Paper, \$10.00 per 100; 10 for \$1.00.
- 8987 907. Rural fires, prevent 'em or fight 'em? [May 1969.] 14+ [2] p. ll. narrow 8° (Federal Extension Service and Forest Service.) \* Paper, 15c. ● Item 14-A
- 8988 912. Good foods coloring book. [Apr. 1968.] [31] p. 4° (Consumer and Marketing Service.) [Formerly C&MS-61. Published in support of Federal food stamp and commodity distribution programs.] \* Paper, 20c.

## Production research reports. ● Item 13-C

A 1.84:(nos.)

- 8989 106. Toxicity of some organic herbicides to cattle, sheep, and chickens [with list of literature cited; by J. S. Palmer and R. D. Radeleff]. [May 1969.] [2]+26 p. 4° (Agricultural Research Service.) \* Paper, 25c.
- 8990 107. Suppression of wheat stem sawfly with resistant wheat; [by P. Luginbill, Jr., and E. F. Knippling]. [May 1969.] [2]+9 p. \* Paper, 10c.

## Statistical bulletins. ● Item 15

A 1.34:(nos.)

- 8991 436. Farm labor used for fruits and tree nuts, 1964; [by Walter L. Ferguson]. [May 1969.] cover title, iv+45 p. ll. 4° ([Farm Production Economics Division, Economic Research Service.]) [Page 45 of Text appears on inside of back cover.] \* Paper, 50c.
- 8992 437. Federal milk order market statistics, annual summary for 1968. [May 1969.] 108+ [1] p. ll. 4° (Dairy Division, Consumers and Marketing Service.) † L.C. card 68-62859

## Technical bulletin.

- 8993 1403. Cantaloup breeding, correlations among fruit characters under mass selection [with list of literature cited; by G. W. Bohn and C. F. Andrus. [May 1969.] [2]+21 p. ll. (ICrops Research Division, Agricultural Research Service.]) [Text on p. 2 of cover.] \* Paper, 15c. ● Item 16
- L.C. card 72-602264 A 1.36:1403

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

- 8994 Aerospace sciences review, no. 69-1. Apr. 1969. 27 p. 4° (AWS recurring publication 105-2.) [Prepared for Air Weather Service by USAF Environmental Technical Applications Center.] † D 301.42/2:69-1

## AFOSR (series). (Air Force Office of Scientific Research, Office of Aerospace Research.)

- 8995 68-1656. UFOs and related subjects, annotated bibliography; [by] Lynn E. Catoe. [1969.] [2]+xi+401 p. ll. 4° [Prepared by Library of Congress, Science and Technology Division under AFOSR project orders 67-0002 and 68-0003.] \* Paper, \$3.50. ● Item 422-B
- L.C. card 68-62196 D 301.45/19-2:68-1656

## Air Force Human Resources Laboratory; [Technical report] AFHRL-TR (series). (Personnel Research Division, Air Force Systems Command, Lakeland Air Force Base, Tex.) †

D 301.45/27:(nos.)

- 8996 68-107. Effect of maturation and educational experience on Air Force officer qualifying test scores [with list of references]; by George Gregg. July 1968. vi+12+ [2] p. 4° ([Project 7717; task 771706.])
- 8997 68-109. Survey of 28 Air Force career ladders with 19 job inventories [with list of references] by Clyde C. Mayo. July 1968. vi+29+ [2] p. 4° ([Contract AF 41(609)-3049; project 7734; task 773401.])
- 8998 68-115. Development and standardization of airman classification test-1968 [with list of references]; by Bart M. Vitola. Sept. 1968. v+6+ [2] p. 4° ([Project 7717; task 771705.])

## Air Force manual AFM (series).

D 301.7:(nos.)

- 8999 36-1. Officer personnel; Officer classification manual; May 28, 1969. [1969.] cover title, [649] p. 4° [Issued with perforations. Effective July 31, 1969. Supersedes AFM 36-1, Apr. 15, 1963.] † ● Item 421

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- 9000 50-1. Programmed learning, Change 1. Oct. 21, 1968. [1]+6+[2] p. 4° [Issued with perforations.] \* Paper, 15c. ● Item 421
- 9001 100-39. Communications-electronics activities: Communications-electronics terminology. Apr. 1, 1968. [1]+318 p. 4° [Issued in looseleaf form. Supersedes AFM 100-39, July 1, 1966. Short title CED 3900.] \* Paper, \$2.00. ● Item 421
- 9002 110-9. Judge Advocate General activities: Procurement law; June 6, 1969. [1969.] cover title, iv+[331] p. 4° [Supersedes AFM 110-9, May 1, 1964.] †
- 9003 Desired standards of quality for U.S. Air Force Academy applicants, academics, leadership, motivation, medical. [1969.] [12] p. il. oblong 24°  
† ● Item 424 D 301.2:St 2
- Environmental Technical Applications Center: Technical note (series).  
9004 69-1. Selected climatological bibliography for Thailand; by Alvin L. Smith, Jr. Mar. 1969. vii+39 p. 4° [Imprint date incorrectly given as Mar. 1968.]  
‡ Paper, \$3.00.  
L.C. card 78-602374 D 301.40/2:69-1
- Personnel Research Laboratory; Technical report PRI-TR (series).  
(Aerospace Medical Division, Air Force Systems Command, Lackland Air Force Base, Tex.)
- 9005 68-6. Stereotyped patterns in Air Force officer performance factor ratings [with list of references]; by Glory Sturiale. June 1968. vi+22+[2] p. 4°  
([Project 7719; task 771904.]) † D 301.45/27:68-6
- School of Aerospace Medicine; Technical report SAM TR (series). (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.) †  
D 301.26/13-6:(nos.)
- 9006 68-123. Laboratory comparison of 4 zinc oxide-eugenol formulations as restorative materials [with list of references; by] Malcolm D. Jendresen, Ralph W. Phillips, Marjorie L. Swartz. Dec. 1968. cover title, iii+7+[2] p. il. 4°  
([Task 775512.])
- 9007 68-131. Response of specific glucocorticoid-mediated glycoprotein (alpha-2-GP) to irradiation injury [with list of references; by] Arthur E. Bogden. Dec. 1968. cover title, iii+19+[2] p. il. 4° ([Contract F41 (609)-67-C-0064, task 775702.])
- 9008 68-135. Insulin-inhibitory factor in human blood, role in charcoal radioimmunoassay [with list of references; by] Donald F. Logsdon, Jr., James F. Green. Dec. 1968. cover title, iii+3+[2] p. 4° ([Task 775502.])
- 9009 68-136. Dipole shutter, transparency for eye protection [with list of references; by] John A. Carpenter, Wendell R. Peters. Dec. 1968. cover title, iii+24+[2] p. il. 4° ([Project 6301, task 630103.])
- 9010 69-5. Pathogenic properties of Staphylococcus aureus as influenced by culture conditions [with list of references; by] Robert J. Ball. Jan. 1969. cover title, iii+4+[2] p. 4° ([Task 775308.])
- 9011 69-7. Automatic detection and display of arrhythmias in long-term EGG tape recordings [with list of references; by] Edward J. Engelsen. Jan. 1969. cover title, iii+11+[2] p. il. 4° ([Task 631903.])

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

- 9012 En route air traffic control, Change 8. [Apr. 1, 1969.] [60] p. 4° (7110.9, Chg. 8.) [Effective July 1, 1969. Cancellation date Sept. 1, 1969. Issued in looseleaf form.] † ● Item 431-D-1 TD 4.308: En 1/ch.8
- 9013 Flight Services handbook, Change 2. [Mar. 19, 1969.] [170] p. il. 4° (7110.10) [Effective July 1, 1969. Cancellation date Sept. 1, 1969. 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: F 64/ch.2
- 9014 Special military operations handbook, Change 1. [Apr. 1, 1969.] [35] p. 4° (7610.4A CHG 1.) [Effective Aug. 1, 1969. Cancellation date Nov. 1, 1969. Issued in looseleaf form.] † ● Item 431-D-1 TD 4.308: M 59/ch.1
- 9015 Terminal air traffic control handbook, Change 8. [Apr. 1, 1969.] [86] p. il. 4° [Effective July 1, 1969. Cancellation date Sept. 1, 1969. Issued in looseleaf form.] † ● Item 431-D-1 TD 4.308: T 27/ch.8

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GOVERNMENT PUBLICATIONS

AIRPORTS SERVICE, Transportation Dept.  
Washington, DC 20553

- 9016 Suggested action program for relief of airfield congestion at selected airports; by L. N. Million [and others]. Apr. 1969. [1]+iii+189+[20] p. il. 4° [Prepared in cooperation with Air Traffic Service. Issued in loose-leaf form.] † ● Item 982-E-1 TD 4.102: A1 7/2

AMERICAN HISTORICAL ASSOCIATION, Smithsonian  
Institution, Washington, DC 20560

- 9017 Annual report of American Historical Association, 1967: v. 1, Proceedings. [1969.] xviii+136 p. il. [Also issued as H. doc. 80, pt. 1, 90th Cong., 1st sess.] \* Paper, \$1.00. ● Item 915 SI 4.1: 967/v.1  
L.C. card 4-18261

APPALACHIAN REGIONAL COMMISSION  
1666 Connecticut Avenue, N.W., Washington, DC 20009

Appalachian research report.

- 9018 10. Status of secondary vocational education in Appalachian. Oct. 1968. [6]+47 +[15] p. 4° † Y 3.Ap 4/2: 10/10  
L.C. card 79-600932

ARMED FORCES INFORMATION SERVICE, Defense Dept.  
Washington, DC 20301

DoD [pamphlets]. ● Item 312-A D 2.14: AO-(nos.)

- 9019 AO-2A. Capsule facts for Armed Forces: Kingdom of Swaziland. Mar. 1969. 4 p. il. 4° ([Army Dept.] DA Pam. 360-772.) [Adapted from Department of State Background notes series.] †  
L.C. card 68-61277
- 9020 AO-81A. Capsule facts for Armed Forces: Republic of Panama [with reading list]. Mar. 1969. 4 p. il. 4° ([Army Dept.] DA Pam 360-771.) [Adapted from Department of State Background notes series.] †  
L.C. card 68-61277
- 9021 AO-133. Capsule facts for Armed Forces: Communist China. [1969.] 8 p. il. 4° ([Army Dept.] DA Pam 360-769.) [Adapted from Department of State Background notes series.] †  
L.C. card 68-61277
- 9022 AO-134. Capsule facts for Armed Forces: Republic of Botswana. Mar. 1969. 4 p. il. 4° [Adapted from Department of State Background notes series.] †  
L.C. card 68-61277
- 9023 AO-136. Capsule facts for Armed Forces: Socialist Federal Republic of Yugoslavia. Mar. 1969. 4 p. il. 4° ([Army Dept.] DA Pam 360-773.) [Adapted from Department of State Background notes series.] †  
L.C. card 68-61277
- 9024 AO-137. Capsule facts for Armed Forces: French Territory of Afars and Issas [with reading list]. Mar. 1969. 4 p. il. 4° ([Army Dept.] DA Pam 360-774.) [Adapted from Department of State Background notes series.] †  
L.C. card 68-61277
- 9025 AO-138. Capsule facts for Armed Forces: Republic of the Philippines [with reading list]. Mar. 1969. 4 p. 4° ([Army Dept.] DA Pam 360-775.) [Adapted from Department of State Background notes series.] †  
L.C. card 68-61277

Poster DoD-P (series).

- 9026 55. Things could be worse, we could be hung up on drugs! 1968. 17.5x8.5 in. (DA poster 360-102.) \* Paper, 10c. D 2.9: 55

ARMY DEPARTMENT, Defense Dept.  
Washington, DC 20310

AMC pamphlets. (Army Materiel Command.) † D 101.22/3:(nos.)

- 9027 1-1. Administration: Directory of U.S. Army Materiel Command installations and activities. Apr. 1969. cover title, 28+[1] p. 4° [Issued with perforations. Supersedes AMCP 1-1, Nov. 15, 1968.] ● Item 323-A
- 9028 706-165. Engineering design handbook: Liquid-filled projectile design [with bibliography.] Apr. 1969. cover title, x+[227] p. il. 4° [Issued with perforations.]

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- 9029 Be Army librarian, civilian employee with exhilarating challenge. [1969.]  
[8] p. il. narrow 8° † ● Item 325 D 101.2: L 61/969

Cold Regions Research & Engineering Laboratory, Hanover, N.H.: Research report. (Army Materiel Command) † D 103.33/3: (nos.)

- 9030 195. Effect of growth parameters on substructure spacing in NaCl ice crystals [with list of literature cited; by] G. Lofgren and W. F. Weeks. Jan. 1969. iv+17+[2] p. il. 4° (DA task 1T061102B52A02.)
- 9031 251. Bubble coalescence in ice as tool for study of its deformation history [with list of literature cited; by] J. Weertman. Sept. 1968. iv+5+[2] p. il. 4° (DA task 1T061102B52A02.)
- 9032 253. Unsteady motion of sphere along circular path in viscous fluid [with list of literature cited; by] Fuat Odar. Mar. 1969. iv+10+[1] p. il. 4° (DA task 1T061102B52A02.)

- 9033 Contractors guide to acquaint industry with headquarters Army Materiel Command and major subordinate commands, project managers, life cycle of army materiel, techniques and aids for industry. Apr. 1, 1969. cover title, [1]+ii+69 p. 4° (Army Materiel Command.) † ● Item 325-B D 101.6/5: C 76/969

Field manual FM (series). † ● Item 324 D 101.20: (nos.)

- 9034 5-144. Engineer amphibious units, Change 1. May 9, 1969. [56] p. il. 4° [Issued with perforations.]
- 9035 38-1. Logistics management. Mar. 1969. cover title, [459] p. il. 4° [Issued with perforations. Supersedes FM 38-1, Sept. 15, 1961.]
- 9036 Office of Chief of Chaplains, historical review, July 1, 1965-Dec. 1966. [1969.] cover title, iii+292 p. il. 4° † ● Item 325 L.C. card 76-602194 D 101.2: C 36/4/965-66

Pamphlets. † ● Item 327 D 101.22: (nos.)

- 9037 16-11. Character guidance discussion topics: Duty, honor, country. Apr. 1969. cover title, vi+83 p. 4° [Issued with perforations.] L.C. card 61-61080
- 9038 27-7. Military justice handbook: Guide for summary court-martial trial procedure; Change 4. Aug. 1, 1969. 6 p. 4° [Supersedes Change 1, Nov. 30, 1965 and Change 3, Aug. 18, 1967.]
- 9039 37-6. Accounting and reporting procedures manual for Project Prime under resource management systems, Change 1. May 12, 1969. [12] p. 4° [Issued with perforations.]
- 9040 55-5. Transportation and travel: Worldwide cargo transportation costs guide. Oct. 1967 [published 1968]. cover title, [33] p. 4° [Reprint which includes current pages from Changes 1-8. Issued with perforations. Supersedes DA pamphlet 55-5, Feb. 26, 1965, including C 1, May 17, 1965, C 2, Dec. 30, 1965, C 3, Feb. 28, 1966, C 4, Apr. 8, 1966, and C 5, July 28, 1966.]
- 9041 135-2. Briefing on reemployment rights of members of Army National Guard and Army Reserve. Apr. 1969. cover title, 8+[1] p. 4° (TAGO 7570A.) [Supersedes DA pamphlet 135-2, Oct. 6, 1967.]
- 9042 360-5. [Army] information officer's guide, Aug. 15, 1968, Change 1; May 9, 1969. [1969.] [4] p. 4° [Issued in looseleaf form.]
- 9043 360-717. See Armed Forces Information Service, DoD pamphlet AO-81A.
- 9044 360-769. See Armed Forces Information Service, DoD pamphlet AO-133.
- 9045 360-770. See Armed Forces Information Service, DoD pamphlet AO-134.
- 9046 360-773. See Armed Forces Information Service, DoD pamphlet AO-136.
- 9047 360-774. See Armed Forces Information Service, DoD pamphlet AO-137.
- 9048 360-775. See Armed Forces Information Service, DoD pamphlet AO-138.
- 9049 550-31. Area handbook for Iraq [with bibliography; by] Harvey H. Smith [and others]. Mar. 1969. xvi+411 p. il. [Prepared by Foreign Area Studies (FAS), American University, Washington, D.C. Research and writing were completed on May 31, 1968.] \* Fabrikoid, \$3.50. L.C. card 72-602177
- 9050 690-10. Army civilian employment living & working in Vietnam. May 1, 1969. cover title, 28 p. il. 16° [Text and map on p. 2-4 of cover.]

Technical manual TM (series).

- 9051 743-200-1. Storage and materials handling, Change 11. Mar. 7, 1969. [28] p. 4° [Issued in looseleaf form.] † ● Item 329 D 101.11: 743-200-1/ch.11

Technical research note. (Behavioral Science Research Laboratory.)

- 9052 204. Abstracts of BESRL research publications, fy 1968: [by] Emma R. Brown, Arthur J. Drucker. Sept. 1968. [3]+48 p. 4° (Office, Chief of Research and Development; Army projects 2J620901A721, 2J024701A722, 2J620901A732, 2J024701A723, 2J023201A711.) † Paper, \$3.00 (AD 679154). L.C. card 77-602339 D 101.60: 204

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## GOVERNMENT PUBLICATIONS

- USAAVLABS technical report (Army Aviation Material Laboratories, Fort Eustis, Va.) D 117.8/2: (nos.)
- 9053 68-18C. Prediction of rotor instability at high forward speeds: v. 3. Stall flutter [with list of references cited] ; by Franklin O. Carta, Charles F. Niebanck, Feb. 1969. cover title, [1] + xv + 88 + [2] p. il. 4° (Contract DA 44-177-AMC-332 (T) ; United Aircraft Corporation, Sikorsky Aircraft Division, Stratford, Conn.) ‡
- 9054 68-18D. Prediction of rotor instability at high forward speeds: v. 4. Torsional divergence ; by Charles F. Niebanck, H. L. Elman, Feb. 1969. cover title, [1] + xviii + 111 + [2] p. il. 4° (Contract DA 44-177-AMC-332 (T) ; United Aircraft Corporation, Sikorsky Aircraft Division, Stratford, Conn.) ‡
- 9055 68-69. Design and evaluation of high-temperature radial turbine, phase 1, final report ; by Glenn S. Calvert [and] Ulo Okapuu, Jan. 1969. cover title, [1] + xxi + 249 + [2] p. il. 4° (Contract DAAJ02-68-C-0003 ; Pratt & Whitney Aircraft, Florida Research and Development Center, West Palm Beach, Fla.) ‡
- 9056 69-4. Emulsified fuels combustion study ; by T. R. Koblish [and others], Feb. 1969. cover title, [1] + xviii + 123 + [2] p. il. 4° (Contract DAAJ02-67-C-0094 ; Pratt & Whitney Aircraft, Division of United Aircraft Corporation, East Hartford, Conn.) ‡
- 9057 69-6. Investigation of effect of fluid injection on skin-friction coefficient of incompressible turbulent boundary layer [with bibliographies] ; by C. A. Randall, Jr. [and] S. C. Roberts, Mar. 1969. cover title, [1] + ix + 28 + [2] p. il. 4° (Contract DAAJ02-67-C-0016 ; Department of Aerophysics and Aerospace Engineering, Mississippi State University, State College, Miss.) ‡
- 9058 69-24. Emulsified fuels, characteristics and requirements, final report [with selected bibliography] ; by C. M. Urban, J. N. Bowden, [and] J. T. Gray, Mar. 1969. cover title, [1] + x + 92 + [2] p. il. 4° (Contract DAAD05-67-C-0354 (MOD. P001) ; U.S. Army Fuels and Lubricants Research Laboratory, Southwest Research Institute, San Antonio, Tex.) ‡
- 9059 69-25. Application of micromechanics to joints and cutouts [with list of references cited] ; by Alberto Puppo [and] Juan Haener, Apr. 1969. cover title, [1] + xiv + 66 + [2] p. il. 4° (Contract DAAJ02-67-C-0093 ; Whittaker Corporation, San Diego, Calif.) ‡
- 9060 U.S. Army directory of technical information holdings and services, Jan. 1969. [1] + 63 p. 4° (Office, Chief of Research and Development.) [Contains brief description of each Technical information major holding and related services of Army organizations.] ‡ Defense Documentation Center, Cameron Station, Alexandria, VA 22314 • Item 325  
L.C. card 77-602398 D 101.2 : D 62
- 9061 Welcome to Army ROTC. [1969.] cover title, [12] p. il. [Text on p. 2-3 of cover. Illustrations are colored.] ‡ • Item 325 D 101.2 : R 31/14

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

- 9062 Bibliography, medical research and development articles, fy 1968. [1969.] cover title, [93] p. 4° (Army Medical Research and Development Command.) ‡ • Item 351-B  
L.C. card 76-602360 D 104.10/2 : M 46/968

### ATOMIC ENERGY COMMISSION Washington, DC 20545

- AEC research and development reports. Y 3.A7 7:22/ (letters-nos.)
- 9063 CEX-65.13. Operation Henre : Distribution of radiation from 14 MeV neutron source in and near structures [with lists of references ; by] J. S. Cheka, May 1969. cover title, 3-33 p. il. 4° (Civil Effects Test Operations ; [Health Physics Division, Oak Ridge National Laboratory, Oak Ridge, Tenn.]) • Paper, \$3.00.
- 9064 CEX-68.4. Radiosensitivity of certain perennial shrub species based on study of nuclear excavation experiment, Palanquin, with other observations of effects on vegetation [with lists of references ; by] W. A. Rhoads, Robert B. Platt, Robert A. Harvey, May 1969. cover title, [2] + 5-42 p. il. 4° (Civil effects study, Civil Effects Test Operations ; [EG&G, Inc., Santa Barbara, Calif.]) • Paper, \$3.00.
- 9065 CONF-680810. Abundant nuclear energy, proceedings of symposium held at Gatlinburg, Tenn., Aug. 26-29, 1968, sponsored by Oak Ridge Associated Universities and U.S. Atomic Energy Commission [with list of references and bibliographies]. May 1969. vi + 352 p. il. (AEC symposium series 14.) • Paper, \$3.00.

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- 9066 CONF-681032. Californium-252, proceedings of symposium, New York City, Oct. 22, 1968 [with lists of references]; edited by James J. Barker. Jan. 1969. xxi+376 p. il. 4° [Sponsored by New York Metropolitan Section of American Nuclear Society.]  $\Phi$  Paper, \$3.00.
- 9067 CONF-690401. Proceedings of Conference on Effective Use of Computers in Nuclear Industry, Knoxville, Tenn., Apr. 21-23, 1969, papers presented at 3d biennial topical meeting of Mathematics and Computation Division of American Nuclear Society [with lists of references]. [1969.] ix+685 p. il. 4° [Sponsored by Mathematics and Computation Division of American Nuclear Society, Oak Ridge National Laboratory, and University of Tennessee.]  $\Phi$  Paper, \$3.00.
- 9068 IDO-12071. 1968 annual report of Health Services Laboratory. Mar. 1969. cover title, vi+39 p. il. 4° (National Reactor Testing Station, Idaho Operations Office, [Idaho Falls, Idaho].) [Includes lists of publications.]  $\Phi$  Paper, \$3.00.
- 9069 NUS-531. Guide for economic evaluation of nuclear reactor plant designs [with lists of references; prepared by] NUS Corporation, Rockville, Md. Jan. 1969. cover title, [309] p. il. 4° (Division of Technical Information.)  $\Phi$  Paper, \$3.00.
- 9070 TE-3858-1. Study on implantable power source for circulatory support devices; [prepared by] Thermo Electro Corporation, Waltham, Mass. Nov. 1, 1968. cover title, [555] p. il. 4° (Division of Technical Information.)  $\Phi$  Paper, \$3.00.
- 9071 TID-24512. Reactor-noise analysis in time domain [with list of basic reference books on reactor noise and related techniques; by] Nicola Pacilio. [Apr. 1969.] vii+102+[1] p. il. 4° ([AEC critical review series.])  $\Phi$  Paper, \$3.00.
- 9072 TID-24918. Radiological emergency operations, instructor's manual [with list of suggested supplemental texts; prepared by Radiological Sciences Department, Reynolds Electrical and Engineering Co., Inc., Nevada Test Site, Mercury, Nev.]. [1969.] cover title, xxi+219 p. 4° (Division of Technical Information.) [Issued with perforations.]  $\Phi$  Paper, \$3.00.
- 9073 TID-24919. Radiological emergency operations, student's manual [with list of suggested supplemental texts; prepared by Radiological Sciences Department, Reynolds Electrical and Engineering Co., Inc., Nevada Test Site, Mercury, Nev.]. [1969.] cover title, xxi+425 p. il. 4° (Division of Technical Information.) [Issued with perforations.]  $\Phi$  Paper, \$3.00.
- 9074 VUF-3013. Vela Uniform program, Project Dribble, Salmon event, Tatum Salt Dome, Miss., Oct. 22, 1964, part of experiment in seismic decoupling at nuclear level, sponsored by Advanced Research Projects Agency of Department of Defense and Atomic Energy Commission, final report; pt. 2, Free-field particle motion from nuclear explosion in salt; [by] J. D. Eisler and H. V. Hoffman]. May 14, 1969. cover title, xii+150 p. il. 4°  $\Phi$  Paper, \$3.00.
- 9075 WANL-3857-1. Study on implantable power source for circulatory support devices, v. 1, v. 2. and appendices, final report. Dec. 1968. cover title, [470] p. il. 4° (Astronuclear Laboratory, Westinghouse Electric Corporation, Pittsburgh, Pa.)  $\Phi$  Paper, \$3.00.
- 9076 WASH-1090. Civilian nuclear power, evaluation of alternate coolant fast breeder reactors [with list of references; prepared by Alternate Coolant Task Force]. Apr. 1969. cover title, xii+154 p. il. 4° [Prepared for Division of Reactor Development & Technology.] \* Paper, \$1.75.  $\bullet$  Item 1051-C
- 9077 WASH-1126. Cost-benefit analysis of U.S. breeder reactor program; prepared by Division of Reactor Development and Technology. Apr. 1969. xi+98 p. il. 4° \* Paper, \$1.00.  $\bullet$  Item 1051-C
- 9078 Biomedical engineering. Mar. 1969. p. [2], 165-183, il. 4° (Division of Biology and Medicine.) [Reprinted from Fundamental nuclear energy research, 1968.] \* Paper, 25c. Y 3.At 7: 48 a B 521/2
- 9079 Chemistry research program. [1969.] [2]+269-294 p. il. 4° (Division of Research.) [Reprinted from Fundamental nuclear energy research, 1968.] \* Paper, 35c. Y 3.At 7: 48a C 42
- 9080 Immunology. Mar. 1969. p. [2], 125-140, il. 4° (Division of Biology and Medicine.) [Reprinted from Fundamental nuclear energy research, 1968.] \* Paper, 25c. Y 3.At 7: 48a Im 6
- 9081 Metallurgy and materials research program. [1969.] [2]+239-268 p. il. 4° (Division of Research.) [Reprinted from Fundamental nuclear energy research, 1968.] \* Paper, 35c. Y 3.At 7: 48 aM 564
- 9082 1968 national survey of compensation scientists and engineers in research and development. Jan. 31, 1969. xxi+195+[40] p. il. 4° \* Paper, \$2.50. L.C. card 70-602207 Y 3.At 7: 2 C 73/2/968

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- 9083 Providing for public safety in nuclear industry, the engineering approach, remarks by James T. Ramey, Commissioner, Atomic Energy Commission, at National Academy of Engineering, Washington, D.C., May 1, 1969. May 7, 1969. [1]+11 leaves, 4° (S-16-69.) † Y 3.At 7: 34 R 14/19
- 9084 Remarks by Wilfrid E. Johnson, Commissioner, Atomic Energy Commission, at dedication of Southwest Experimental Fast Oxide Reactor, Fayetteville, Ark., May 7, 1969. 1969. 5 leaves, 4° (S-17-69.) †  
Y 3.At 7: 34 J 639/11
- 9085 Terrestrial ecology. Mar. 1969. p. [2], 141-164, il. 4° (Division of Biology and Medicine.) [Reprinted from Fundamental nuclear energy research, 1968.] \* Paper, 35c. Y 3.At 7: 48a T 277
- 9086 Why we test, remarks by Gerald F. Tape, Commissioner, Atomic Energy Commission, at Governors' briefing, AEC Nevada Operations Office, Las Vegas, Nev., Apr. 1, 1969. 1969. 8 leaves, 4° (S-10-69.) †  
Y 3.At 7: 34 T 16/19
- 9087 Youth of America, remarks by Glenn T. Seaborg, Chairman, Atomic Energy Commission, for spring commencement at Wisconsin State University, Platteville, Wis., May 25, 1969. [1969.] 10 leaves, 4° (S-18-69.) †  
Y 3.At 7: 34 Se 1/176

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

- [Aviation medical reports] AM (series). TD 4.210: (nos.)
- 9088 68-17. Effects of cognitive appraisal of stress on heart rate and task performance [with list of references; by] Richard I. Thackray [and] David W. Pearson. Sept. 1968. [4]+6+[2] p. il. 4° Φ Paper, \$3.00.
- 9089 68-23. Table for converting pH to hydrogen ion concentration [H+] over range 5-9 [with list of references; by] Vincent Florida. Oct. 1968. [4]+30+[1] p. 4° Φ Paper, \$3.00.
- 9090 68-25. Cockpit noise intensity: Eleven twin-engine light aircraft [with list of references; by] Jerry V. Hobias. Oct. 1968. [4]+5+[1] p. il. 4° Φ Paper, \$3.00.

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

- 9091 Program analysis techniques, selected bibliography, revised, supplement 2. 1969. [3] leaves+27 p. 4° (Library). †  
L.C. card 67-60451 PrEx 2.14: P 94/966/supp.2

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

- 9092 Audio-visual equipment and materials, guide to sources of information and market trends; [by Earl H. Young]. June 1969. iv+15 p. ([Scientific and Business Equipment Division.]) \* Paper, 30c. ● Item 215-G  
L.C. card 74-602349 C 41.6/9: Au 2
- 9093 Economic impact of air pollution controls on secondary nonferrous metals industry, 1969. iii+24 p. il. 4° \* Paper, 35c. ● Item 215 C 41.2: Ai 7/3
- Facts about wholesaling (series).
- 9094 Facts about drug wholesaling, drug merchant wholesalers, general line, specialty line: [prepared by J. Roger McCauley]. 1969. cover title, 12 p. il. oblong 8° (Office of Consumer Goods; BDSA marketing report.) [Text on p. 2-3 of cover.] \* Paper, 30c. ● Item 215-X C 41.111: D 84
- Industry trend series.
- 9095 7. Transportation equipment, instruments, & ordnance manufacturing. May 1969. iv+63 p. il. 4° \* Paper, 65c. ● Item 130-B  
L.C. card 71-602332 C 41.90: 7
- 9096 Oil field machinery and equipment including services, shipments and materials consumption report, 1967. Apr. 1969. 5 p. 4° † Paper, 10c.  
C 41.2: Oi 5/967

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- 9097 Patterns of industrial growth: Shipments of vending machines, 1958-67. May 1969. 3 p. 4° † Paper, 10c. C 41.90/5: V 55/958-67
- 9098 United States lumber exports, 1967. July 1968. 7 p. 4° (Forest Products and Packaging Division.) † Paper, 10c. Department of Commerce, Sales and Distribution Section, Washington, DC 20230. C 41.101/2: 967

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

- 9099 Announcement and order form, 1967 census of manufacturers: Preliminary reports [Apr. 1969.] [2] p. narrow f°, folded into narrow 8° size. ([Form BC-1923.]) † C 3.24/9-5: 967
- 1967 census of business; Retail trade [area statistics] BC67-RA (series). [Preprint from v. 2, Retail trade, area statistics.] C 3.202/2: 967/(nos.)
- 9100 4. Arizona. [May 1969.] iv+42 p. il. 4° \* Paper, 55c. ● Item 132-A-4
- 9101 13. Hawaii. [June 1969.] iv+32 p. il. 4° \* Paper, 50c. ● Item 132-A-14
- 9102 14. Idaho. [June 1969.] iv+36 p. il. 4° \* Paper, 50c. ● Item 132-A-15
- 9103 26. Mississippi. [June 1969.] iv+46 p. il. 4° \* Paper, 60c. ● Item 132-A-27
- 9104 28. Montana. [May 1969.] iv+36 p. il. 4° \* Paper, 55c. ● Item 132-A-29
- 9105 30. Nevada. [May 1969.] iv+34 p. il. 4° \* Paper, 50c. ● Item 132-A-31
- 9106 31. New Hampshire. [May 1969.] cover title, iv+36 p. il. 4° \* Paper, 50c. ● Item 132-A-32
- 9107 33. New Mexico. [May 1969.] iv+36+[1] p. il. 4° \* Paper, 55c. ● Item 132-A-34
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- 9110 42. South Carolina. [June 1969.] iv+60 p. il. 4° \* Paper, 70c. ● Item 132-A-43
- 9111 43. South Dakota. [June 1969.] iv+36 p. il. 4° \* Paper, 50c. ● Item 132-A-44
- 9112 46. Utah. [May 1969.] iv+40 p. il. 4° \* Paper, 55c. ● Item 132-A-47
- 9113 47. Vermont. Revised [edition]. [May 1969.] cover title, iv+31 p. il. 4° \* Paper, 50c. ● Item 132-A-48
- 9114 49. Washington. [June 1969.] iv+60 p. il. 4° \* Paper, 65c. ● Item 132-A-51
- 9115 52. Wyoming. [May 1969.] iv+30 p. il. 4° \* Paper, 50c. ● Item 132-A-54
- Census of governments of 1967: v. 4, Government finances. ([Governments Division.]) ● Item 148-A C 3.145/4: 967/v.4/(nos.)
- 9116 1. Finances of school districts. May 1969. [3]+80 p. il. 4° \* Paper, 75c. L.C. card A68-7201
- 9117 3. Finances of county governments. [June 1969.] [3]+225 p. il. 4° \* Paper, \$1.75. L.C. card A68-7201
- 9118 1967 census of governments, publication program, no. 2. May 1969. [4] p. 4° † C 3.163/4: G 74/2/967/no.2
- 9119 1967 census of mineral industries, preliminary reports, publication order form. [Apr. 1969.] [2] p. narrow f°, folded into narrow 8° ([Form BC-1922.]) † C 3.216/6: 967
- 9120 1970 census of population and housing [measure of America's progress]. [Revised Apr. 1969.] [1969.] [2]+8+[2] p. il. narrow 12° † ● Item 154 C 3.223: C 33/969
- 1967 census of transportation TC 67 (series). (Transportation Division.)
- 9121 N 1. National travel survey. (June 1969.) iv+90 p. il. 4° \* Paper, \$1.00. ● Item 160-D C 3.233/3: TC 67-N 1
- 9122 1970 census users guide [with lists of references]; prepared by Data Access and Use Laboratory. 2d draft Apr. 1969. [1969.] cover title, [267] p. il. 4° [Issued with perforations.] \* Paper, \$5.25 (including basic guide and supplementary material for 6 month period); \$1.25 additional for foreign mailing. ● Item 196-A C 3.6/2: C 33/2/970
- Current housing reports: Series H-121, Housing characteristics. \* Paper, \$1.00 a yr. (including Series H-111 and H-121) 25c. additional for foreign mailing, single copy prices vary.

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8 p. il. 4° \* Paper, 20c. ● Item 141-A C 3.215:-121/15
- 9124 Current industrial reports: Aircraft propellers, 1968. June 18, 1969. 1 p. 4°  
(Series MA-37E(68)-1.) † Paper, 25c. ● Item 142-A  
C 3.158: MA-37E(68)-1
- 9125 — Broadwoven goods, summary of looms in place, Dec. 31, 1968. May 20,  
1969. 1 p. 4° (Series M 22 T(68)-2 supplement.) † Paper, 25c. ● Item  
142-A C 3.158: M 22 T(68)-2/supp.
- 9126 — Commercial steel forgings, 1968. June 3, 1969. 3 p. 4° (Series MA-  
33C(68)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-33C(68)-1
- 9127 — Complete aircraft and aircraft engines, summary for 1968. May 23,  
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- 9128 — Confectionery, including chocolate products, summary for 1968.  
May 29, 1969. 4 p. 4° (Series M20C(68)-13.) † Paper, 15c. ● Item  
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- 9129 — Construction machinery, 1967, Change sheet. May 2, 1969. 1 p. 4°  
(Series MA-35 D(67)-1) † ● Item 142-A  
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- 9130 — Copper-base mill and foundry products, fourth quarter and sum-  
mary for 1968. Mar. 21, 1969. [2] p. 4° (Series BDSAF-84(68)-4.)  
† Paper, 25c. ● Item 142-A C 3.158: BDSAF-84(68)-4
- 9131 — Electric housewares and fans, 1967, Change sheet. May 15, 1969.  
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- 9132 — Fibrous glass. June 3, 1969. [1] p. 4° (Series MA-32J(68)-1.)  
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- 9133 — Flat glass, summary for 1968. June 5, 1969. 3 p. 4° (Series MQ-32A  
(68)-5.) † Paper, 25c. ● Item 142-A C 3.158: MQ-32A(68)-5
- 9134 — Inorganic chemicals and gases, 1967. May 5, 1969. [3]+28 p. 4°  
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- 9135 — Inorganic chemicals and gases, summary for 1968 (preliminary).  
May 13, 1969. 5 p. 4° (Series M28A(68)-13.) † Paper, 15c. ● Item  
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- 9136 — Inventories of steel mill shapes, summary for 1968. May 5, 1969. 3 p. 4°  
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- 9138 — Metal cans, summary for 1968. June 9, 1969. [3]+13 p. 4° (Series  
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- 9139 — Mining machinery and equipment, 1968. May 16, 1969. 2 p. 4° (Series  
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- 9140 — Particleboard, 1968. May 23, 1969. 3 p. 4° (Series MA-24L(68)-1.)  
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- 9141 — Rubber, supply and distribution for United States, summary for 1968.  
May 5, 1969. 6 p. 4° (Series M 30 A(68)-13.) † Paper, 15c. ● Item  
142-A C 3.158: M 30 A(68)-13
- 9142 — Selected electronic and associated products, 1967, Change sheet. May 2,  
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- 9144 — Selected instruments and related products, 1967. Apr. 29, 1969. [3]+9 p. 4° (Series MA-38B(67)-1.) † Paper, 25c. ● Item 142-A C 3.158:MA-38 B(67)-1
- 9145 — Sheets, pillowcases, and towels, 1968. May 26, 1969. 4 p. 4° (Series MA-23X(68)-1.) † Paper, 25c. ● Item 142-A C 3.158:MA-23X(68)-1
- 9146 — Softwood plywood, 1968. June 12, 1969. 4 p. 4° (Series MA-24H(68)-1.) † Paper, 25c. ● Item 142-A C 3.158:MA-24 H(68)-1
- 9147 — Steel mill products, 1967. May 2, 1969. [3]+14 p. 4° (Series MA-33B(67)-1.) † Paper, 25c. ● Item 142-A C 3.158:MA-33 B(67)-1
- 9148 — Steel power boilers, 1968. May 20, 1969. 3 p. 4° (Series MA-34G(68)-1.) † Paper, 25c. ● Item 142-A C 3.158:MA-34 G(68)-1
- 9149 — Tractors, except garden tractors, 1968. June 5, 1969. 4 p. 4° (Series M35S(68)-13.) † Paper, 15c. ● Item 142-A C 3.158:M 35 S(68)-13
- 9150 — Tractors, except garden tractors, 1968. Change sheet. June 17, 1969. [1] p. 4° (Series M35S(68)-13.) † ● Item 142-A C 3.158:M 35 S(68)-13/ch.1
- 9151 — Truck trailers, summary for 1968. June 3, 1969. 8 p. 4° (Series M37L(68)-13.) † Paper, 15c. ● Item 142-A C 3.158:M 37 L(68)-13
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- 9154 183. Characteristics of students and their colleges, Oct. 1966. May 22, 1969. 11+21 p. 4° \* Paper, 20c.
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- 9157 423. Estimates of population of Puerto Rico and other outlying areas of United States, 1967-68. May 28, 1969. 4 p. 4° [The figures for 1967 supersede those given in report 392 of this series.] \* Paper, 10c.
- 9158 425. Estimates of number of households by State, July 1, 1967; prepared by Robert O. Grymes. June 18, 1969. 4 p. 4° \* Paper, 10c.

Current population reports: Series P-26, Federal-State cooperative program for population estimates. \* Paper, \$8.50 (including Series P-20, P-23, P-25, P-26, P-28 summaries, P-60 and P-65 for one year). \$2.50 additional for foreign mailing; single copy, prices vary. ● Item 142-C C 3.186:P-26/(nos.)

- 9159 1. Estimates of population of counties for North Carolina, July 1, 1967 and 1968. June 9, 1969. 6 p. 4° \* Paper, 10c.



# GOVERNMENT PUBLICATIONS

Current population reports: Series P-65, Consumer buying indicators.

\* Paper, \$8.50 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60, and P-65 for one year), \$2.50 additional for foreign mailing; single copy, prices vary. ● Item 142-C C 3.186: P 65/(nos.)

- 9160 26. Recent purchase of cars, houses, and other durables and expectations to buy during months ahead, survey data through Apr. 1969. May 26, 1969. ii+20 p. il. 4° \* Paper, 20c.

Government finances, GF67 (series).

- 9161 3. Governmental finances in 1966-67, Correction notice. Dec. 16, 1968. 1 p. 4° † C 3.191/2: 967/3/corr.notice

- 9162 Guide to foreign trade statistics, 1969. [June 1969.] ix+139 p. il. 4° \* Paper, \$1.25. ● Item 146-A C 3.6/2: F 76/969

- 9163 Home study driver course, traffic safety: Unit 2, Affect of physical condition on sight sensors. [Apr. 1969.] cover title, 11 p. il. 4° † C 3.2: D 83/unit 2

Series ISP 2. Agrostan, case study for 1970 world census of agriculture. ([International Statistical Training and Workshop Office.]) [Prepared under auspices of Agency for International Development, Department of State, as contribution to War on hunger program.]

- 9164 1-e, Unit 4, Enumeration plan and sample design [with list of selected references; prepared by Floyd E. O'Quinn and Catherine S. Mannol. May 1969. cover title, iii+135 p. il. 4° [Preliminary copy.] † ● Item 146-F C 3.205/3: 2/no.1-e/prelim.

State and local government special studies, GSS (series).

- 9165 51. Criminal justice expenditure and employment for selected large governmental units, 1966-67, Errata. June 1969. 4 p. 4° † C 3.145: 51/errata

- 9166 U.S. general imports, schedule A commodity groupings, world area, country, and method of transportation. [May 1969.] cover title, x+324 p. 4° (FT 150/1968 annual; [Foreign Trade Division].) [Revised through Dec. 1968 statistics.] \* Paper, \$2.50. ● Item 144 C 3.164: 150/968

- 9167 U.S. imports for consumption and general imports [standard industrial classification] SIC-based products and area. [June 1969.] cover title, ix+295 p. 4° (FT 210, 1968 annual, [Foreign Trade Division].) [Revised through Dec. 1968 statistics.] \* Paper, \$2.25. ● Item 144 L.C. card A66-7381 C 3.164: 210/968

- 9168 U.S. imports for consumption and general imports, TSUSA [tariff schedules of United States annotated] commodity and country, annual 1968. [June 1969.] cover title, vii+558 p. 4° ([Foreign trade report] FT 246.) [Revised through Dec. 1968 statistics.] \* Paper, \$4.75 ● Item 144 L.C. card A65-7952 C 3.164: 246/968

- 9169 United States census of agriculture, 1964, v. 3, pt. 5, Maps [announcement and order form]. [May 1969.] [2] p. narrow f° folded into oblong 48° size. † [Form BC-1942.] C 3.31/8: 964-5

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

- 9170 Federal programs assisting children and youth. Dec. 1967, revised 1968. [1969.] xiii+107 p. il. 4° (Interdepartmental Committee on Children and Youth.) † ● Item 452 L.C. card 72-602213 FS 17.202: P 94/968

- 9171 Guides on Federal regulations governing service programs for families and children, title 4, parts A and B, Social security act. Apr. 1969. [4]+48 p. 4° ([CB-7.]) † ● Item 452-C FS 17.208: Se 6

- 9172 Legal bibliography for juvenile and family courts, supp. 2, 1968; [by] William H. Sheridan, Alice B. Freer. [1969.] [3]+38 p. 4° [Issued with perforations.] \* Paper, 50c. ● Item 450 L.C. card HEW 66-96 FS 14.112: L 52/supp.2

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



- 9173 Publications of Children's Bureau [list]. [1969.] cover title, 35 il. narrow 12° [Pages are numbered on one side only, the unnumbered sides bearing text and illustrations.] † ● Item 450  
L.C. card HEW 61-14 FS 17.212 : P 96/969

**CIVIL AERONAUTICS BOARD**  
Washington, DC 20428

- 9174 Address by John H. Crooker, jr., Chairman of Civil Aeronautics Board at dedication ceremonies for Houston Intercontinental Airport, Houston, Tex., June 1, 1969. [1969.] 7 p. 4° † C 31.215 : C 87/7
- 9175 Youth fare case, remarks by Whitney Gilliland, Member, Civil Aeronautics Board, Association of Local Transport Airlines, New York, N.Y., May 19, 1969. [1969.] 15 p. 4° † C 31.215 : G 41/11

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

- 9176 Federal civil defense guide: pt. E, chap. 10, app. 1-2, Fire prevention and control during civil defense emergencies, App. 1—Developing plans and programs, App. 2—Orientation and training June 1969. [2] + ii + 43 p. il. 4° [Prepared in cooperation with and supported by International Association of Fire Chiefs, International Association of Fire Fighters, National Fire Protection Association, Forest Service, Department of Agriculture, Civil Defense Council, and National Association of State Civil Defense Directors. Issued in looseleaf form.] † ● Item 320-B-3  
D 119.8/4 : pt.E/chap.10/app.1, 2

Student manual SM (series).

- 9177 2.1.1. Civil defense management textbook [with bibliographies; prepared by OCD Staff College, Battle Creek, Mich.]. Dec. 1968. cover title, [231] p. il. 4° [For training purposes only. Issued with perforations. Supersedes SM 2.1.1, July 1967, which may be used.] †  
D 119.8/8 : 2.1.1/2

Technical report TR (series).

- 9178 20. Shelter design and analysis: v. 3, Environmental engineering for shelters [with list of references]. May 1969. cover title, [292] p. il. 4° [Prepared under contract with Architectural and Engineering Development Center, Department of Mechanical Engineering, University of Florida, Gainesville, Fla. Issued with perforations. Supersedes May 1966 edition.] † ● Item 320-B-2  
D 119.9 : 20/v.3

**CIVIL RIGHTS COMMISSION**  
Washington, DC 20425

- 9179 The Mexican American paper; [prepared by Helen Rowan]. 1968. [3] + 60 + [2] p. il. 4° † ● Item 288-A  
L.C. card 73-602370 CR 1.2 : M 57

**CIVIL SERVICE COMMISSION**  
Washington, DC 20415

- 9180 Amendment to announcement WA-7-51 (local), firefighter (structural) grade GS-4. June 10, 1969. 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.
- 9181 Amendment to Metropolitan area supplement to announcement WAO-901, stenographers and typists. May 27, 1969. 1 p. oblong 48° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) †  
CS 1.26/4 : 969/WAO-901/supp./amdt.
- 9182 Announcement for postmaster [AN 3300], apply to U.S. Civil Service Commission, Washington, D.C. [May 1969.] [4] p. [No written test.] † ● Item 292  
CS 1.28 : 3300/10

# GOVERNMENT PUBLICATIONS

- 9183 Announcement for postmaster, [AN 3301]. [May 1969.] [4] p. [No written test required.] † ● Item 292 CS 1.28:3301/12
- 9184 Announcement for postmaster [AN 3302], apply to [U.S. Civil Service Commission, Washington, D.C.]. [May 1969.] [4] p. † ● Item 292 CS 1.28:3302/12
- 9185 Announcement for postmaster [AN 3303], apply to [U.S. Civil Service Commission]. [May 1969.] [4] p. il. large 8° † ● Item 292 CS 1.28:3303/10
- 9186 Best bets for returning veterans in Washington, D.C. area. (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) [Irregular.] † May-June 1969— CS 1.43/2:(date)
- 9187 Careers in science and engineering, positions in Federal agencies throughout country, grades, GS-9-15, announcement 416. Revised Apr. 1969. [1969.] [21]+6 p. 4° [Written test is not required. No closing date.] † ● Item 292 CS 1.26:968/416/rev.
- 9188 Current local announcements, covering Washington, D.C., metropolitan area, AN 2602-WA, issue no. 6, May-June 1969. [1969.] [4] p. il. oblong 8° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) † CS 1.28:2602-WA/6
- 9189 [Federal career opportunities for] psychologist, announcement WAS-913. June 24, 1969. 5 p. 4° (Interagency Board for Civil Service Examiners for Washington, D.C.) [No written test; no closing date.] † ● Item 292 CS 1.26/4:969/WAS-913

## Federal personnel manual, FPM supplement.

- 9190 512-1. Job grading system for trades and labor occupations; transmittal sheet 6. Mar. 1969. [17] p. [Transmits job grading standards for: Pipefitter, WG-4204; Plumber, WG-4206. Issued in looseleaf form.] \* Paper, \$13.00 (transmittals for an indefinite period); \$5.00 additional for foreign mailing. ● Item 294 CS 1.41/4:512-1/trans.6

## Pamphlet.

- 9191 74. Big pond, Federal jobs for engineers, physical scientists, mathematicians. [Feb. 1969.] cover title, 15 p. il. 4° ([Program Development Division, Bureau of Recruiting and Examining.]) † ● Item 299 CS 1.48:74
- 9192 Salary supplement to examination announcements for positions in graded service. July 1968. [2] p. 4° (AN 2500.) † CS 1.28:2500/6

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

- 9193 Office of Coal Research annual report, 1969. [1969.] cover title, 65+[3] p. il. oblong 12° Last 3 pages left blank for notes. \* Paper, 70c. ● Item 606-C-1 I 63.1:969  
L.C. card 63-61532

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

### Chart.

- 9194 1. United States of America nautical chart symbols and abbreviations. June 1968. cover title, [1]+11+25 p. il. [Prepared in cooperation with Naval Oceanographic Office, Defense Dept., and U.S. Lake Survey, Corps of Engineers. U.S. Army, Defense Dept. Some illustrations are colored.] † Paper, 50c. C 4.9:1
- 9195 Tide tables, high and low water predictions, east coast of North and South America, including Greenland, 1970. 1969. 290 p. il. [Index map of Tide table coverage on p. 2 of cover. Includes list of publications relating to tides and tidal currents.] † Paper, \$2.00. ● Item 197 C 4.15/4:970  
L.C. card 48-46486

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

COAST GUARD, Transportation Dept.  
Washington, DC 20591

- 9196 Auxiliary manual, amdt. 1. Apr. 21, 1969. [51] p. (CG-305.) † ● Item 934-A L.C. card 66-60128 TD 5.8: Au 9/3/amdt.1
- 9197 Auxiliary uniform, awards, and flag code manual, 1969. [1969.] vi+81 p. il. (CG-404.) [Effective Jan. 1, 1969. Issued with perforations.] † ● Item 934-A TD 5.8: Un 3
- Oceanographic report.
- 9198 22. Photographic investigation of sediment texture, bottom current activity, and benthonic organisms in Wilmington submarine canyon, U.S.C.G.C. Rock-away-Smithsonian Institution cruise (RoS<sub>2</sub>), Dec. 1967. [with list of references; by] Daniel J. Stanley and Gilbert Kelling. Feb. 1968. [6] +95 p. il. 4° (CG 373-22; [Oceanographic Unit.]) † ● Item 940-B TD 5.18: 22
- 9199 United States Coast Guard Academy, New London, Conn., bulletin of information, 1969/70. [1969.] cover title, 92 p. il. ([CG-147.]) [Text on p. 2 and 3 of cover.] † ● Item 934 TD 5.2: C 63/2/696-70

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 of Superintendent of Documents classification numbers, which should be used only when ordering from the Superintendent of Documents.

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.)

- 9200 69-8. Basic data on economy of Taiwan [with bibliography]; by Charles A. Clark and James R. Johnston. Apr. 1969. 23 p. il. 4° (International Commerce Bureau.) [Issued with perforations. Supersedes OBR 63-34.]
- 9201 69-10. Foreign trade regulations of Canada [with bibliography]; prepared by David Fellman. May 1969. 21 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes WITS, pt. 2, no. 62-50.]
- 9202 69-11. United States trade with major world areas, 1963-68. May 1969. 40 p. 4° (Bureau of International Commerce.)
- 9203 69-16. Foreign trade regulations of Mexico [with bibliography]; prepared by Walter Haidar. May 1969. 9 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 64-123.]
- 9204 69-17. Selling in France [with bibliography]; prepared by Alexander Dauman. May 1969. 23 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 65-73.]
- 9205 69-18. Market factors in Yugoslavia [with bibliography]; prepared by William E. Corfutzen, Jr. May 1969. 12 p. 4° (International Commerce Bureau.) [Issued with perforations. Supersedes OBR 64-140.]
- 9206 69-19. Selling in East Africa [with bibliography]; prepared by Maureen R. Smith. May 1969. 23 p. 4° (Bureau of International Commerce.) [Issued with perforations.]
- 9207 69-20. Foreign trade regulations of Argentina; prepared by James Dyke. May 1969. 8 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 67-76.]
- 9208 69-21. Trade of United States with Communist areas in Eastern Europe and Asia, 1966-68. June 1969. 23 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 68-75.]
- 9209 69-22. Foreign trade regulations of Switzerland; prepared by William Nagel. June 1969. 7 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 65-10.]
- 9210 69-25. Foreign trade regulations of Greece; prepared by A. Russell Romer. June 1969. 9 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 64-66.]
- 9211 69-28. Basic data on economy of Lebanon; prepared in Near East-South Asia Division, Office of International Regional Economics. June 1969. 9 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 65-79.]
- 9212 Remarks by Rocco C. Scilliano, Under Secretary of Commerce, prepared for delivery at annual Maritime Day dinner, May 21, 1969, Washington, D.C. [1969.] 10 p. 4° † C 1.18: Si 12/2

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



# GOVERNMENT PUBLICATIONS

- 9213 Travels for trade, address by Maurice H. Stans, Secretary of Commerce before Upper Midwest Conference, United States International Trade Policies, Minneapolis, Minn., May 21, 1969. [1969.] 17 p. 4° †  
C 1.18: St 2/7
- 9214 U.S. Department of Commerce telephone directory. May 1969. cover title, xii+136+[4] p. 4° [Text on p. 2-4 of cover. Includes edge index and instructions for use.] \* Paper, \$1.50. C 1.37: 969
- 9215 U.S. Trade, prospects, problems and priorities, address by Kenneth N. Davis, jr., Assistant Secretary of Commerce for Domestic and International Business, prepared for delivery to Foreign Trade Association of Southern California, May 22, 1969, Los Angeles, Calif. [1969.] 13 p. 4° † C 1.18: D 29
- 9216 V.I.P., visit, investigate, purchase. United States Department of Commerce invites you to become V.I.P. visitor. [1969.] [6] p. 4° † ● Item 128  
C 1.2: V 82

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

- C.F.S. (series). † ● Item 610-A I 49.8/2(nos.)
- 9217 4644. Canned fishery products, 1967, annual summary. Revised [edition]. [Mar. 1969.] 17 p. il. 4°
- 9218 4645. Industrial fishery products, 1967, annual summary. Revised [edition]. [Mar. 1969.] 9 p. il. 4°
- 9219 4646. Packaged fishery products, 1967, annual summary. Revised [edition]. [Mar. 1969.] 5 p. il. 4°
- 9220 4940. Frozen fishery products, 1968, annual summary. [Mar. 1969.] 15 p. il. 4°
- 9221 4949. Canned fishery products, 1968, annual summary. [Mar. 1969.] 17 p. il. 4°
- 9222 4951. Packaged fishery products, 1968, annual summary. [Mar. 1969.] 5 p. il. 4°
- Circulars. I 49.4: (nos.)
- 9223 301. Bottom trawl explorations in southern Lake Michigan, 1962-65 [with list of literature cited]; by Norman J. Reigle, jr. Feb. 1969. iii+34+[1] p. il. 4° † ● Item 609
- 9224 312. Gulf of Mexico shrimp atlas [with list of references; by Kenneth W. Osborn, Bruce W. Maghan and Shelby B. Drummond]. [May 1969.] 20 p. il. oblong f° [Illustrations are colored.] \* Paper, \$2.25. ● Item 609
- 9225 313. Report of Bureau of Commercial Fisheries Biological Laboratory, St. Petersburg Beach, Fla., fiscal year 1968, May 1969. iii+25 p. il. 4° (Contribution 49, Bureau of Commercial Fisheries, Biological Laboratory, St. Petersburg Beach, Fla.) †
- Fishery leaflet.
- 9226 624. List of special scientific reports and special scientific report, fisheries, of U.S. Fish and Wildlife Service. Mar. 1969. 52 p. 4° † I 49.28: 624

## CONGRESS

- Congressional record, proceedings and debates of 90th Congress, 2d session, v. 114. [Permanent edition.] 1969. ● Item 993  
L.C. card 12-36438 X.90/1: 114/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.
- 9227 pt. 1. Jan. 15-29, 1968. [2]+3-1342 p. 4° \* Cloth, \$6.75.
- 9228 pt. 2. Jan. 30-Feb. 7, 1968. [1]+1343-2602 p. 4° \* Cloth, \$6.00.
- 9229 pt. 3. Feb. 8-Feb. 22, 1968. [1]+2603-3952 p. 4° \* Cloth, \$6.25.
- 9230 United States Code, 1964 edition, supp. 4, containing general and permanent laws of United States, enacted during 89th Congress and 90th Congress, Jan. 4, 1965-Jan. 2, 1969; prepared by Committee on Judiciary of House of Representatives.
- v. 3. Title 44, Public printing and documents, to title 50, War and national defense, Tables and index. 1969. xxvi+2987-4345 p. large 8° \* Cloth, \$11.25. ● Item 991  
L.C. card 65-61024 Y 4.J 89/1: Un 3/3/964/supp.4/v.3

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*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 reports:**

- 9231 nos. 1821–2010, with exceptions, 89th Congress, 2d sess., House miscellaneous reports on public bills V [Serial 12713–5]. ● 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.**

- 9232 1. S. 165, act for relief of Basil Rowland Duncan. Approved Apr. 11, 1969. 1 p.  
 9233 2. S. 586, act for relief of Nguyen Van Hue. Approved Apr. 11, 1969. 1 p.  
 9234 3. S. 458, act for relief of Yuka Awamura. Approved May 1, 1969. 1 p.  
 9235 4. S. 672, act for relief of Charles Richard Scott. Approved May 1, 1969. 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, D.C. 20402, at a subscription price of \$20.00 per session, \$5.00 additional for foreign mailing; single copies vary in price.

- 9236 10. H.R. 10158, act to provide mail service for Mamie Doud Eisenhower, widow of former President Dwight David Eisenhower. Approved Apr. 25, 1969. 1 p. \* Paper, 5c.  
 9237 11. H.R. 3532, act to amend title 10, United States Code, to provide grade of general for Assistant Commandant of Marine Corps when total active duty strength of Marine Corps exceeds two hundred thousand. Approved May 2, 1969. 1 p. \* Paper, 5c.  
 9238 12. S. 1081, act to provide for striking of medals in honor of dedication of Winston Churchill Memorial and Library. Approved May 7, 1969. 1 p. \* Paper, 5c.  
 9239 13. S. 1130, act to provide for striking of medals in commemoration of 100th anniversary of founding of American Fisheries Society. Approved May 15, 1969. 1 p. \* Paper, 5c.  
 9240 14. H.R. 33, act to provide for increased participation by United States in International Development Association, and for other purposes. Approved May 23, 1969. 1 p. \* Paper, 5c.  
 9241 15. H.R. 8794, act to amend Marine resources and engineering development act of 1960 to continue National Council on Marine Resources and Engineering Development and for other purposes. Approved May 23, 1969. 1 p. \* Paper, 5c.  
 9242 16. H.R. 6269, act to provide for striking of medals in commemoration of 300th anniversary of founding of South Carolina. Approved May 28, 1969. 1 p. \* Paper, 5c.

**ATOMIC ENERGY JOINT COMMITTEE  
 Washington, DC 20515**

- 9243 AEC authorizing legislation, fiscal year 1970, hearings, 91st Congress, 1st session. ● Item 999  
 L.C. card 77-602312 Y 4.At 7/2: I 52/970/pt. (nos.)  
 pt. 1. General, physical research program, space nuclear program, and plowshare, Apr. 17 and 18, 1969. 1969. ix+1-845+11 p. \* Paper, \$3.50.  
 pt. 2. Reactor development and technology program, Apr. 24 and 25, 1969. 1969. vi+847-1614+11 p. il. \* Paper, \$3.25.  
 pt. 3. Biology and medicine, isotopes development, special nuclear materials, naval propulsion reactors, community, program direction and administration, security investigations, training, education, and information, raw materials, and light water breeder reactor, Apr. 29 and 30, 1969. 1969. viii+1615-2383+11 p. il. \* Paper, \$3.25.  
 9244 Radiation standards for uranium mining, hearings before Subcommittee on Research, Development, and Radiation, 91st Congress, 1st session, Mar. 17 and 18, 1969. 1969. v+414 p. il. \* Paper, \$1.50. ● Item 999  
 L.C. card 77-601934 Y 4.At 7/2: R 11/17

# GOVERNMENT PUBLICATIONS

## ECONOMIC JOINT COMMITTEE Washington, DC 20510

- 9245 Committee publications and policies governing their distribution, 87th to 91st Congresses, 1961-69; May 1969. 1969. ii+24 p. (Joint committee print, 91st Congress, 1st session.) †  
L.C. card 75-602325 Y 4.Ec 7: P 96/961-69
- 9246 Economics of military procurement, report of Subcommittee on Economy in Government; May 1969. 1969. v+31 p. (Joint committee print, 91st Congress, 1st session.) \* Paper, 20c. ● Item 1000  
L.C. card 73-602023 Y 4.Ec 7: P 94/16
- 9247 [This entry number not used.]

## 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, 79th Congress.

- 9248 779. Foreign relations of United States, diplomatic papers 1945: v. 8, Near East and Africa. 1969. vii+1339 p. ([Publication 8427, Historical Office, Bureau of Public Affairs.]) \*(Available in departmental edition, cloth, \$8.50, S 1.1: 945/v. 8, and sent to depositories in that form. See Entry no. 10412.)

#### House documents, 91st Congress.

- 9249 9. Smithsonian year, 1968, annual report of Smithsonian Institution for year ended June 30, 1968. 1968. [published 1969]. [7]+557 p. il. ([Publication 4760.]) [Includes financial report of Executive Committee on Board of Regents. Incorporates report of United States National Museum.] \*(Available in departmental edition, Paper, \$2.75, SI 1.1:968, and sent to depositories in that form. See Entry no. 10362.)
- 9250 18. 35th annual report of Farm Credit Administration, 1967-68, cooperative farm credit system. 1969. cover title, x+116 p. il. \*(Available in departmental edition, 70c., FCA 1.1: 968, and sent to depositories in that form. See Entry no. 9733.)
- 9251 58. National Wilderness preservation system, message from President of United States, transmitting 5th annual report on status of National Wilderness Preservation System; Jan. 23, 1969. 1969. †  
L.C. card 65-60759  
pt. 1. [1]+1-25 p.  
pt. 2. Department of Agriculture proposals. [1]+27-155 p. il. 1 pl.  
pt. 3. Department of Interior proposals. [1]+156-359 p. il.
- 9252 77. Report on low-rent public housing program fund, 1968, letter from Comptroller General of United States, transmitting report on audit of financial statements of Department of Housing and Urban Development, fiscal year 1968; Feb. 20, 1969. 1969. iv+25 p. 4° [Corrected print.] † ● Item 996
- 9253 80. pt. 1. Annual report of American Historical Association, 1967: v. 1, Proceedings. [1969.] xviii+136 p. il. \*(Available in departmental edition, \$1.00, SI 4.1: 967/v. 1, and sent to depository libraries in that form. See Entry no. 9017.)
- 9254 87. 59th annual report to Congress [Boy Scouts of America. 1968.] 1969. vi+233 p. il. [Title on cover is: Boypower, manpower, America's manpower begins with boypower.] \* Paper, \$1.00. (To be sent to depository libraries in Serial set binding.)  
L.C. card 23-13721
- 9255 107. 3d annual report [fiscal year 1968]. [1969.] cover title, [2]+61 p. il. oblong 12° [Text on p. 2 and 3 of cover.] \*(Available in departmental edition, 60c., Y 1.Eq 2: 1/968, and sent to depository libraries in that form. See Entry no. 9732.)
- 9256 116. Selective Service System reform, message from President of United States. May 13, 1969. 5 p. † ● Item 996
- 9257 117. Amendments to request for appropriations, fiscal year 1970. May 20, 1969. 4 p. † ● Item 996
- 9258 121. Reform of Nation's postal system, message from President of United States. May 27, 1969. 5 p. † ● Item 996

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



*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

- 9259 197. Mrs. Ezra L. Cross. Report from Committee on Judiciary to accompany H.R. 4744. May 8, 1969. 7 p.
- 9260 198. Comdr. Edwin J. Sabec. Report from Committee on Judiciary to accompany H.R. 5419. May 8, 1969. 5 p.
- 9261 207. Frances von Wedel. Report from Committee on Judiciary to accompany H.R. 10153. May 8, 1969. 9 p.
- 9262 217. Mrs. Vita Cusumano. Report from Committee on Judiciary to accompany H.R. 1462. May 13, 1969. 5 p.
- 9263 218. Miss Jalileh Farah Salameth El Ahwal. Report from Committee on Judiciary to accompany H.R. 1707. May 13, 1969. 5 p.
- 9264 219. Pfc. Joseph Anthony Snitko. Report from Committee on Judiciary to accompany H.R. 1948. May 13, 1969. 3 p.
- 9265 220. James Hideaki Buck. Report from Committee on Judiciary to accompany H.R. 2208. May 13, 1969. 3 p.
- 9266 221. Franklin Jacinto Antonio. Report from Committee on Judiciary to accompany H.R. 2224. May 13, 1969. 7 p.
- 9267 222. Francesca Adriana Fatta (Millonzi). Report from Committee on Judiciary to accompany H.R. 2536. May 12, 1969. 5 p. [H.R. 2536, as amended by the committee, provides for relief of Francesca Adriana Millonzi.]
- 9268 223. Reuben Rosen. Report from Committee on Judiciary to accompany H.R. 2890. May 13, 1969. 5 p.
- 9269 224. Martin H. Loeffler. Report from Committee on Judiciary to accompany H.R. 3165. May 13, 1969. 2 p.
- 9270 225. Aleksandar Zambeli. Report from Committee on Judiciary to accompany H.R. 3166. May 13, 1969. 2 p.
- 9271 226. Ryszard Stanislaw Obacz. Report from Committee on Judiciary to accompany H.R. 3167. May 13, 1969. 2 p.
- 9272 227. Yolanda Fulgencio Hunter. Report from Committee on Judiciary to accompany H.R. 3172. May 13, 1969. 5 p.
- 9273 228. Cho Johnny. Report from Committee on Judiciary to accompany H.R. 3188. May 13, 1969. 7 p.
- 9274 229. Maria da Conceicao Evaristo. Report from Committee on Judiciary to accompany H.R. 3376. May 13, 1969. 6 p.
- 9275 230. Harry Buch. Report from Committee on Judiciary to accompany H.R. 3560. May 13, 1969. 8 p.
- 9276 231. Miss Maria Mosio. Report from Committee on Judiciary to accompany H.R. 5107. May 13, 1969. 5 p.
- 9277 232. Vistacion Enriquez Maypa. Report from Committee on Judiciary to accompany H.R. 6389. May 13, 1969. 11 p.
- 9278 233. Choi Sung Joo. Report from Committee on Judiciary to accompany H.R. 9979. May 13, 1969. 4 p.
- 9279 234. Conferring U.S. citizenship posthumously upon Lance Cpl. Theodore Daniel Van Staveren. Report from Committee on Judiciary to accompany S. 256. May 13, 1969. 4 p.
- 9280 235. Noriko Susan Duke (Nakano). Report from Committee on Judiciary to accompany S. 537. May 14, 1969. 8 p.
- 9281 236. Ernesto Alunday. Report from Committee on Judiciary to accompany S. 648. May 13, 1969. 9 p.
- 9282 244. Roderic Stewart Pence (Joo, James). Report from Committee on Judiciary to accompany H.R. 3044. May 14, 1969. 5 p.
- 9283 245. Lance Cpl. Peter M. Nee (2465662). Report from Committee on Judiciary to accompany H.R. 10060. May 14, 1969. 2 p.
- 9284 251. James F. Wegener. Report from Committee on Judiciary to accompany H.R. 1828. May 15, 1969. 3 p.

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

- 9285 80. Extension of executive reorganization authority. Report from Committee on Government Operations to accompany S. 1058. Mar. 13, 1969. 13 p. [Includes minority views.]
- 9286 214. Ceiling on appropriations for Administrative Conference. Report from Committee on Judiciary to accompany H.R. 4244. May 12, 1969. 7 p.
- 9287 215. Amending sec. 336(c) of Immigration and nationality act. Report from Committee on Judiciary to accompany H.R. 3666. May 13, 1969. 4 p.
- 9288 216. Amending sec. 312 of Immigration and Nationality act. Report from Committee on Judiciary to accompany H.R. 3667. May 13, 1969. 8 p.
- 9289 237. Consideration of S. 1011. Report from Committee on Rules to accompany H. Res. 406. May 13, 1969. 1 p.
- 9290 238. Consideration of H.R. 4152. Report from Committee on Rules to accompany H. Res. 407. May 13, 1969. 1 p.
- 9291 239. Providing funds for study and investigation authorized by House resolution 17. Report from Committee on House Administration to accompany H. Res. 399. May 14, 1969. 1 p.

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

- 9292 240. National Commission on Libraries and Information Science act. Report from Committee on Education and Labor to accompany H.R. 10866. May 14, 1969. 7 p.
- 9293 241. Promotion of health and safety in building trades and construction industry. Report from Committee on Education and Labor to accompany H.R. 10946. May 14, 1969. 10 p.
- 9294 242. Special housing for paraplegics. Report from Committee on Veterans' Affairs to accompany S. 408. May 14, 1969. 14 p.
- 9295 243. Veterans educational amendments act of 1969. Report from Committee on Veterans' Affairs to accompany H.R. 6808. May 14, 1969. 25 p.
- 9296 246. Providing for reappointment of John Nicholas Brown as citizen regent of Board of Regents of Smithsonian Institution. Report from Committee on House Administration to accompany S.J. Res. 13. May 14, 1969. 3 p.
- 9297 247. Providing for appointment of Thomas J. Watson, Jr., as citizen regent of Board of Regents of Smithsonian Institution. Report from Committee on House Administration to accompany S.J. Res. 35. May 14, 1969. 2 p.
- 9298 248. Revising pay structure of police force of National Zoological Park, and for other purposes. Report from Committee on House Administration to accompany H.R. 2667. May 14, 1969. 2 p.
- 9299 249. Amending War claims act of 1948 to provide for payment of claims of prisoners of war and civilian American citizens held captive by forces of North Vietnam, and of persons serving on board U.S.S. Pueblo held captive by forces of North Korea. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 4204. May 15, 1969. 38 p.
- 9300 250. Recreational boating safety, pt. 2. 5th report by Committee on Government Operations; May 15, 1969. 1969. v+52 p. ii.
- 9301 254. Search and rescue operations for U.S. citizens and craft in foreign areas. 6th report by Committee on Government Operations; May 19, 1969. 1969. v+35 p.  
L.C. card 78-602323
- 9302 255. Authorizing appropriations to National Aeronautics and Space Administration. Report from Committee on Science and Astronautics to accompany H.R. 11271. May 19, 1969. 178 p.
- 9303 256. Trafficking in broadcast station licenses and construction permits, acquisition and transfer of 5 Overmyer television, construction permits. Report of Special Subcommittee on Investigations of Committee on Interstate and Foreign Commerce; May 19, 1969. 1969. vi+63 p. [Includes additional views of John E. Moss.]  
L.C. card 70-602285
- 9304 257. Fairness doctrine and related issues. Report of Special Subcommittee on Investigations of Committee on Interstate and Foreign Commerce; May 19, 1969. 1969. v+[1]+159 p.  
L.C. card 78-602390
- 9305 258. Use of computers in legislative process. Report together with supplemental views from Committee on Government Operations to accompany H.R. 10791. May 20, 1969. 39 p.  
L.C. card 71-602288
- 9306 259. Consideration of H.R. 11271. Report from Committee on Rules to accompany H. Res. 413. May 20, 1969. 1 p.
- 9307 260. Waiving points of order against title 4 of H.R. 11400. Report from Committee on Rules to accompany H. Res. 414. May 20, 1969. 1 p.
- 9308 261. Acquisition of control of air carriers. Report together with separate views from Committee on Interstate and Foreign Commerce to accompany H.R. 8261. May 20, 1969. 11 p.
- 9309 262. Medical facilities construction and modernization amendments of 1969. Report together with additional views [from] Committee on Interstate and Foreign Commerce, to accompany H.R. 11102; May 20, 1969. 1969. iii+60 p.
- 9310 264. Treasury, Post Office, and Executive Office appropriations bill, 1970. Report from Committee on Appropriations to accompany H.R. 11582. May 22, 1969. 31 p.
- 9311 265. Department of Agriculture and related agencies appropriation bill, 1970. Report from Committee on Appropriations to accompany H.R. 11612. May 23, 1969. 80 p.
- 9312 266. Waiving points of order against sec. 502 of H.R. 11582. Report from Committee on Rules to accompany H. Res. 424. May 26, 1969. 1 p.
- 9313 267. Alabama sesquicentennial medals. Report from Committee on Banking and Currency to accompany H.R. 10931. May 26, 1969. 4 p.
- 9314 268. Care in community nursing homes. Report from Committee on Veterans Affairs to accompany H.R. 692. May 27, 1969. 8 p.
- 9315 269. Medical benefits for older veterans. Report from Committee on Veterans' Affairs to accompany H.R. 693. May 27, 1969. 12 p.
- 9316 270. Nursing home care for service-connected veterans. Report from Committee on Veterans' Affairs to accompany H.R. 2768. May 27, 1969. 4 p.
- 9317 271. Outpatient care for certain service-connected veterans. Report from Committee on Veterans' Affairs to accompany H.R. 3130. May 27, 1969. 4 p.
- 9318 272. Care of veterans in State homes. Report from Committee on Veterans' Affairs to accompany H.R. 9334. May 27, 1969. 13 p.
- 9319 273. Sharing program of Department of Medicine and Surgery, Veterans' Administration. Report from Committee on Veterans' Affairs to accompany H.R. 9634. May 27, 1969. 3 p.

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# JULY 1969

- 9320 274. Youth camp safety survey act. Report from Committee on Education and Labor to accompany H.R. 763. May 27, 1969. 5 p.
- 9321 275. Consideration of H.R. 4204. Report from Committee on Rules to accompany H. Res. 426. May 27, 1969. 1 p.
- 9322 276. Consideration of H.R. 10946. Report from Committee on Rules to accompany H. Res. 427. May 27, 1969. 1 p.
- 9323 277. Consideration of H.R. 11102. Report from Committee on Rules to accompany H. Res. 428. May 27, 1969. 1 p.
- 9324 278. Transferring of funds within Offices of Clerk and Sergeant at Arms of House of Representatives, and for other purposes. Report from Committee on House Administration to accompany H. Res. 425. May 28, 1969. 1 p.

## Agriculture Committee, House Washington, DC 20515

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

- 9325 C. Class 1 dairy base plan, hearing before Subcommittee on Dairy and Poultry, 91st Congress, 1st session, on H.R. 7922, H.R. 7996, and H.R. 9182, May 5, 1969. 1969. iii+46 p.  
L.C. card 72-602055 Y 4.Ag 8/1 : D 14/11
- 9326 G. Tobacco research, hearing, 91st Congress, 1st session, Apr. 30, 1969. 1969. iii+12 p.  
L.C. card 73-602232 Y 4.Ag 8/1 : T 55/36
- 9327 H. Human nutrition act of 1969, hearings, 91st Congress, 1st session, on H.R. 7919, H.R. 9100 and H.R. 9104, Apr. 22-25, 1969. 1969. iii+121 p.  
L.C. card 78-602228 Y 4.Ag 8/1 : H 88/969
- 9328 Food costs, farm prices, compilation of information relating to agriculture, 91st Congress, 1st session; May 3, 1969. 1969. xi+114 p. il. (Committee print, 91st Congress, 1st session.) ‡  
L.C. card 73-602346 Y 4.Ag 8/1 : F 73/22/968

## Appropriations Committee, House Washington, DC 20515

- 9329 Department of Agriculture appropriations for 1970, hearings before subcommittee, 91st Congress, 1st session. ● Item 1011  
Y 4.Ap 6/1 : Ag 8/970/pt.5.  
pt. 5. Consumer and Marketing Service (including report on Federal food programs for needy persons), 1970 budget amendments, language changes. 1969. ii+372+v p. †  
L.C. card 60-60821
- 9330 Departments of Labor and Health, Education, and Welfare appropriations for 1970, hearings before subcommittee, 91st Congress, 1st session.  
pt. 1. Department of Labor [and] related agencies. 1969. ii+1262+x p. il.  
† ● Item 1011  
L.C. card 79-602046 Y 4.Ap 6/1 : L 11/970/pt.1
- 9331 Departments of Treasury and Post Office and Executive Office appropriations for 1970, hearings before subcommittee, 91st Congress, 1st session.  
† ● Item 1011  
L.C. card 72-601949 Y 4.Ap 6/1 : T 71/970/pt. (nos.)  
pt. 1. Post Office Department. 1969. ii+1108+x p. il.  
pt. 2. Treasury Department. 1969. ii+815+ix p. il.  
pt. 3. Related agencies, Administrative Conference of United States, Advisory Commission on Intergovernmental Relations, Commission on Obscenity and Pornography, Executive Office of the President, funds appropriated to the President, Tax Court of United States. 1969. ii+408+v p.
- 9332 Independent offices and Department of Housing and Urban Development Appropriations for 1970, hearings before subcommittee, 91st Congress, 1st session. † ● Item 1011  
L.C. card 71-602261 Y 4.Ap 6/1 : In 2/2/970/pt. (nos.)  
pt. 1. Civil defense activities, defense mobilization, disaster relief, emergency health (HEW), Federal Communications Commission, Federal Home Loan Bank Board, Federal Power Commission, Federal Trade Commission, National Aeronautics and Space Council, Office of Emergency Preparedness, Office of Science and Technology, Office of Telecommunications Management, Renegotiation Board, Selective Service System, Civil Service Commission. 1969. ii+1489+xiii p. il.  
pt. 2. Appalachian Regional Commission, National Aeronautics and Space Administration, National Science Foundation, Securities and Exchange Commission. 1969. ii+1328+viii p. il.  
pt. 3. General Services Administration, Veterans' Administration. 1969. ii+820+viii p. il.

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- ✓ 9333 Safeguard antiballistic missile system, hearings before subcommittees, 91st Congress, 1st session. 1969. v+89 p. il. † ● Item 1011  
L.C. card 77-602241 Y 4.Ap 6/1 : M 69/3

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

[Papers], 91st Congress. † ● Item 1012 Y A.Ar 5/2a : 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.

- 9334 9. Subcommittee no 1 hearings on S. 1647, act to authorize release of 100,000 short tons of lead from national stockpile and supplemental stockpile. May 22, 1969. p. 597-628.

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

- 9335 Bank holding company act amendments, hearings, 91st Congress, 1st session, on H.R. 6778. † ● Item 1013  
L.C. card 77-602276 Y 4.B 22/1 : B 22/12/969/pt./(nos.)  
pt. 1. Apr. 15-25, 1969. 1969. iv+1-521 p. il. 2 pl.  
pt. 3. May 7-9, 1969, and appendix. 1969. ix+1015-1625 p. il. 5 pl.
- 9336 Basic laws and authorities on housing and urban development, revised through Jan. 31, 1969, 91st Congress, 1st session; Jan. 31, 1969. 1969. viii+952 p. (Committee print.) \* Paper, \$4.00.  
L.C. card 70-601612 Y 4.B 22/1 : H 81/43/969
- 9337 Operation of urban property protection and reinsurance program, hearings before Subcommittee on Housing, 91st Congress, 1st session, Mar. 20, 1969, on operation of Illinois FAIR plan, Chicago, Ill., Apr. 21 and 22, 1969. 1969. v+378 p. il. † ● Item 1013  
L.C. card 73-602224 Y 4.B 22/1 : Ur 1/3
- 9338 Rising costs of housing, lumber price increases, hearings, 91st Congress, 1st session, Mar. 24-28, 1969. 1969. vi+894 p. il. † ● Item 1013  
L.C. card 75-602317 Y 4.B 22/1 : H 81/47
- 9339 Testimony received in consideration of H.R. 7491 and related bills, hearing, 91st Congress, 1st session, on H.R. 7491, May 26, 1969. iii+47 p. † ● Item 1013  
L.C. card 71-602052 Y 4.B 22/1 : T 28

## *District of Columbia Committee, House* Washington, DC 20515

- 9340 Optometry, hearings before subcommittee no. 4, 91st Congress, 1st session, on H.R. 2388, May 6 and 7, 1969. 1969. iv+199 p. † ● Item 1014  
L.C. card 70-601978 Y 4.D 63/1 : Op 7/969

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

- 9341 Economic opportunity amendments of 1969, hearings before Ad Hoc Hearing Task Force on Poverty, 91st Congress, 1st session, on H.R. 513. † ● Item 1015  
L.C. card 73-602058 Y 4.Ed 8/1 : Ec 7/969/pt.:(nos.)  
pt. 1. Mar. 24-Apr. 18, 1969. 1969. xli+756 p. il.  
pt. 2. Apr. 19-29, 1969. 1969. ix+757-1442 p. il.
- 9342 Joint labor-management trust funds for scholarships and child care centers, hearing before Special Subcommittee on Labor, 91st Congress, 1st session, on H.R. 4314, May 7, 1969. 1969. iii+18 p. † ● Item 1015  
L.C. card 74-602050 Y 4.Ed 8/1 : T 77/2

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- 9343 Older Americans act amendments of 1969, hearings before Select Subcommittee on Education, 91st Congress, 1st session, on H.R. 10767, May 6-8, 1969. 1969. iv+143 p. † ● Item 1015  
L.C. card 70-602269 Y 4.Ed 8/1: O1 1/3/969

*Foreign Affairs Committee, House*  
Washington, DC 20515

- 9344 Collective defense treaties, with maps, texts of treaties, a chronology, status of forces agreement, and comparative chart, prepared by Helen Mattas, staff assistant, with assistance of Department of State; Apr. 21, 1969. [1969.] ix+514 p. 5 pl. 10 maps. (Committee print, 91st Congress, 1st session.) [Imprint date incorrectly given on title page as 1967.] \* Paper, \$2.50.  
L.C. card 79-602271 Y 4.F 76/1: 71/969
- 9345 Future of United States public diplomacy, report no. 6 together with pt. 11 of hearings on Winning cold war, U.S. ideological offensive by Subcommittee on International Organizations and Movements pursuant to H. Res. 179; Dec. 22, 1968. 1968. vii+10R+iii+175 p. (Committee print, 90th Congress, 2d session.) †  
L.C. card 71-602324 Y 4.F 76/1: D 62/26
- 9346 International implications of dumping poisonous gas and waste into oceans, hearings before Subcommittee on International Organizations and Movements, 91st Congress, 1st session, May 8-15, 1969. 1969. iii+151 p. † ● Item 1017  
L.C. card 70-602313 Y 4.F 76/1: Oc 2/3
- 9347 Report of special study mission to south and southeast Asia, by Robert Taft., jr., Ohio, pursuant to provisions of H. Res. 179, 90th Congress; May 5, 1969. 1969. v+12 p. (Committee print, 91st Congress, 1st session.) †  
L.C. card 79-601668 Y 4.F 76/1: As 4/5

*Government Operations Committee, House*  
Washington, DC 20515

- 9348 Budget process in Federal Government, Subcommittee on Executive and Legislative Reorganization; Apr. 1969. 1969. iii+310 p. il. 4\* (Committee print, 91st Congress, 1st session.) [Prepared in cooperation with Budget Bureau.] †  
L.C. card 75-601510 Y 4.G 74/7: B 85/4/969
- 9349 Compiled statutes, Committee on Government Operations; Apr. 1969. Revised edition. 1969. vii+299 p. (Committee print, 91st Congress, 1st session.) †  
L.C. card 72-602020 Y 4.G 74/: St 2/2/969
- 9350 Effective and efficient use of computers in Congress, hearing before subcommittee, 91st Congress, 1st session, on H.R. 404 and H.R. 5522, Apr. 23, 1969. 1969. iii+53 p. † ● Item 1016  
L.C. card 75-601939 Y 4.G 74/7: C 73/7
- 9351 Government procurement and contracting, hearings before subcommittee, 91st Congress, 1st session, on H.R. 474. † ● Item 1016  
L.C. card 74-601751 Y 4.G 74/7: G 74/2/pt. (nos.)  
pt. 2. Mar. 25-27, 1969. 1969. iii+431+856 p. il.  
pt. 3. Apr. 15-28, 1969. 1969. iv-657-1097 p. il.

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

- [Committee hearings] serial, 91st Congress. † ● Item 1023  
Y 4.In 8/14: 91-(nos.)
- 9352 4. Kennewick and Touchet reclamation projects, hearings before Subcommittee on Irrigation and Reclamation, 91st Congress, 1st session, on H.R. 1215 [and other bills], May 6 and 8, 1969. 1969. iv+81 p.  
L.C. card 70-602226

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[Committee hearings] serial, 91st Congress—Continued

- 9353 6. Taos Pueblo, Blue Lake, hearings before Subcommittee on Indian Affairs, 91st Congress, 1st session, on H.R. 471, May 15 and 16, 1969. 1969. ii+97 p. il. L.C. card 70-602345

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

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

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

- 9354 1. Review of Federal Communications Commission activities, 1969, hearing before Subcommittee on Communications and Power, 91st Congress, 1st session; Mar. 6, 1969. 1969. iii+200 p. il. †  
L.C. card 70-601967
- 9355 9. Securities markets agencies, hearings before Subcommittee on Commerce and Finance, 91st Congress, 1st session, on administration of laws pertaining to regulation of securities markets by administrative agency and by self-regulatory agencies involved, Feb. 25-Mar. 7, 1969. 1969. v+442 p. il. †  
L.C. card 75-601971
- 9356 10. Cigarette labeling and advertising, 1969, pt. 1, hearings, 91st Congress, 1st session, on H.R. 643, H.R. 1237, H.R. 3055, H.R. 6543 and similar bills; Apr. 15-May 1, [1969]. 1969. xii+1-452 p. il. \* Paper, \$1.75.  
L.C. card 77-602059
- 9357 11. Cigarette labeling and advertising, 1969, pt. 2, hearings, 91st Congress, 1st session, on H.R. 643, H.R. 1237, H.R. 3055, H.R. 6543 and similar bills; Apr. 15-May 1, [1969]. 1969. xii+453-892 p. il. \* Paper, \$1.75.  
L.C. card 77-602059
- 9358 12. Cigarette labeling and advertising, 1969, pt. 3, hearings, 91st Congress, 1st session, on H.R. 643, H.R. 1237, H.R. 3055, H.R. 6543 and similar bills; Apr. 15-May 1, [1969]. 1969. xii+893-1420 p. il. \* Paper, \$2.00.  
L.C. card 77-602059
- 9359 12a. Regulation of radio and television cigarette advertisements, hearing, 91st Congress, 1st session, on self-regulation by broadcasting industry of radio and television cigarette advertisements, June 10, 1969. 1969. iii+266 p. †  
L.C. card 74-602314
- 9360 13. Medical library assistance, hearing before Subcommittee on Public Health and Welfare, 91st Congress, 1st session, on H.R. 11223, May 22, 1969. 1969. iii+145 p. †  
L.C. card 71-602229
- 9361 14. National traffic and motor vehicle safety act review and renewal, hearings before Subcommittee on Commerce and Finance, 91st Congress, 1st session, on H.R. 8190 [and] H.R. 11092, Mar. 17-May 26, 1969. 1969. vi+316 p. il. †  
L.C. card 77-602225

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

[Committee hearings] serial, 91st Congress.

- 9362 4. Oil pollution, hearings, 91st Congress, 1st session, on H.R. 6495, H.R. 6609, H.R. 6794, and H.R. 7325, Feb. 25-Apr. 1, 1969. 1969. vi+493 p. il. †  
● Item 1021  
L.C. card 78-602260

Y 4.M 53 :91-4

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

- 9363 Agency reports on H.R. 20 and similar bills, Subcommittee on Census and Statistics; Mar. 31, 1969. 1969. ii+12 p. (Committee print no. 5, 91st Congress, 1st session.) †  
L.C. card 70-602025
- 9364 Postal revenue and offensive intrusion of sexually oriented mail act of 1969, recommendations of the President and Postmaster General of United States; May 7, 1969. 1969. vi+31 p. (Committee print no. 6, 91st Congress, 1st session.) †  
L.C. card 76-602344
- 9365 Postal service act of 1969, H.R. 11750, recommendations of the President of United States; May 29, 1969. 1969. iii+171 p. il. (Committee print no. 8, 91st Congress, 1st session.) \* Paper, 65c.  
L.C. card 70-602258

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Y 4.P 84/10 :P 84/46

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

[Papers] 91st Congress. ● Item 1025-A Y 4.Sci 2: 91-1/(nos.)

- 9366 2. Institutional grants bill (H.R. 35), hearings before Subcommittee on Science, Research, and Development, 91st Congress, 1st session, Feb. 18-27, 1969. iv+351 p. 1 pl. †  
L.C. card 71-602060
- 9367 3. 1970 NASA authorization, hearings before Subcommittee on Manned Space Flight, 91st Congress, 1st session, on H.R. 4046, H.R. 10251 (superseded by H.R. 11271).  
L.C. card 70-601813  
pt. 2. Feb. 28-Mar. 25, 1969. 1969. iii+1223 p. ii. \* Paper, \$5.00.  
pt. 3. Mar. 11-Apr. 17, 1969. 1969. iii+690 p. ii. \* Paper, \$3.00.  
pt. 4. Mar. 6-13, 1969. 1969. iii+773 p. ii. \* Paper, \$3.25.
- 9368 4. 1970 National Science Foundation authorization, hearings before Subcommittee on Science, Research, and Development, 91st Congress, 1st session, on H.R. 4283 (superseded by H.R. 10878).  
v. 1. Mar. 17-Apr. 1, 1969. 1969. iv+751 p. ii. 1 pl. †  
L.C. card 70-601975
- 9369 5. Standard reference data authorization, hearings before Subcommittee on Science, Research, and Development, 91st Congress, 1st session, on H.R. 4284, May 1, 1969. 1969. iii+35 p. ii. †  
L.C. card 70-602057
- 9370 6. H.J. Res. 589, International biological program, hearings before Subcommittee on Science, Research, and Development, 91st Congress, 1st session, May 6 and 7, 1969. 1969. iii+193 p. ii. †  
L.C. card 70-602223
- 9371 Science & technology and the cities, compilation of papers presented for 10th meeting of Panel on Science and Technology, 1969. [1969.] vii+126 p. ii. 1 pl. ([Committee print.]) \* Paper, 70c.  
L.C. card 72-602248 Y 4.Sci 2:Sci 2/6
- 9372 [This entry number not used.]

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

- 9373 Use of NSLI investment funds for veterans mortgage financing, hearings before Subcommittee on Housing, 91st Congress, 1st session, on H.R. 9476, May 21 and 22, 1969. 1969. v+1721-95 p. ii. † ● Item 1027  
L.C. card 70-602231 Y 4.V 64/3: L 62/12
- 9374 Veterans' Administration medical and hospital program, hearings before Subcommittee on Hospitals, 91st Congress, 1st session, on operation of VA medical and hospital program and pending related bills, Apr. 15-May 13, 1969. 1969. xi+393-1720 p. ii. † ● Item 1027  
L.C. card 73-601976 Y 4.V 64/3: M 46/18
- 9375 Veterans benefits calculator, Jan. 1, 1969. [1969.] Slide chart, narrow large 8° \* Paper, 25c. Y 4.V 64/3: B 43/7/969

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

- 9376 Press release announcing tentative decisions to date on tax reform subjects as announced by Wilbur D. Mills on May 27, 1969. 1969. ii+11 p. (Committee print, 91st Congress, 1st session.) \* Paper, 10c.  
L.C. card 73-602259 Y 4.W 36: T 19/47

INTERNAL REVENUE TAXATION JOINT COMMITTEE  
Washington, DC 20515

- 9377 Summary of testimony of tax-exempt organizations at public hearings, Feb. 18-Apr. 24, 1969, held on subject of tax reform, prepared by staff; Apr. 1969. 1969. [1]+34 p. (Committee print.) †  
L.C. card 71-602028 Y 4.In 8/11: Or 3/2

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# GOVERNMENT PUBLICATIONS

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.

- 9378 1. Senate manual, containing standing rules, orders, laws, and resolutions, affecting business of Senate, Jefferson's manual, Declaration of Independence, Articles of Confederation, Constitution of United States, etc.; prepared by Gordon F. Harrison and John P. Coder. 1969. vi+ [1]+882 p. \* Paper, \$3.75 (To be sent to depository libraries in Serial set binding).  
L.C. card 1-9223
- 9379 16. What should be the United States military commitment to foreign countries? collection of excerpts and bibliography relating to national high school debate topic, 1969-70, pursuant to Public law 88-246, compiled by [Anne Hodges], Legislative Reference Service, Library of Congress. 1969. v+199 p. [Contains copyright material.] \* Paper, \$1.00. ● Item 996  
L.C. card 70-602380
- 9380 17. Survey of Alliance for progress, compilation of studies and hearings of Subcommittee on American Republics Affairs of Committee on Foreign Relations, Senate; Apr. 29, 1969. 1969. v+865 p. il. \* Paper, \$3.50. (To be sent to depository libraries in Serial set binding.)  
L.C. card 70-602381
- 9381 19. Proposed supplemental appropriation for fiscal year 1969. May 21, 1969. [1]+2 p. † ● Item 996
- 9382 20. Majority and minority leaders of Senate, history and development of offices of floor leaders, May 20, 1969. 1969. [2]+19 p. \* Paper, 20c. ● Item 996  
L.C. card 71-602375
- 9383 21. Proposed supplemental appropriation for Atomic Energy Commission for for fiscal year 1969. May 26, 1969. 2 p. † ● Item 996

## Senate executive documents

### Senate executive document, 91st Congress, 1st session.

- 9384 E. Vienna convention on consular relations and protocol, message from President of United States transmitting Vienna convention on consular relations and certified copy of optional protocol concerning compulsory settlement of disputes, signed Vienna under date of Apr. 24, 1963; May 8, 1969. 1969. vii+75 p. †  
Y 1.91/1: E

## Senate executive reports

### Senate executive reports, 91st Congress, 1st session. †

Y 1.91/1: rp. (nos.)

- 9385 5. Nomination of Charles H. Meacham to be Commissioner of Fish and Wildlife, Department of the Interior. Report from Committee on Commerce to accompany nomination of Charles H. Meacham. May 23, 1969. 1 p.
- 9386 6. Nomination of Otto F. Otepka. Report, together with minority and individual views from Committee on Judiciary to accompany nomination of Otto Otepka. May 29, 1969. 12 p.

## 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

- 9387 175. Richard Vigil. Report from Committee on Judiciary to accompany S. 620. May 16, 1969. 4 p.
- 9388 176. Maria Prescilla Caramanzana. Report from Committee on Judiciary to accompany H.R. 2948. May 16, 1969. 6 p.
- 9389 177. Maria Balluardo Frasca. Report from Committee on Judiciary to accompany H.R. 3464. May 16, 1969. 8 p.
- 9390 178. Mrs. Irene G. Queja. Report from Committee on Judiciary to accompany S. 564. May 16, 1969. 6 p.
- 9391 179. Alfred F. Lorman. Report from Committee on Judiciary to accompany S. 797. May 16, 1969. 9 p.
- 9392 180. Reddick B. Still, jr., and Richard Carpenter. Report from Committee on Judiciary to accompany S. 1002. May 16, 1969. 4 p.
- 9393 183. Certain Kaw Indians. Report from Committee on Judiciary to accompany S. Res. 162. May 20, 1969. 11 p.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 9394 203. Authorizing vessel Orion to engage in coastwise trade. Report from Committee on Commerce to accompany S. 133. May 23, 1969. 3 p.
- 9395 209. Village of Orleans, Vt. Report from Committee on Judiciary to accompany S. 275. May 29, 1969. 4 p.
- 9396 210. New Bedford Storage Warehouse Co. Report from Committee on Judiciary to accompany S. 868. May 29, 1969. 3 p.
- 9397 211. William D. Pender. Report from Committee on Judiciary to accompany S. 901. May 29, 1969. 5 p.
- 9398 212. Mrs. Aili Kallio. Report from Committee on Judiciary to accompany S. 1010. May 29, 1969. 5 p.
- 9399 213. Homer T. Williamson, sr. Report from Committee on Judiciary to accompany S. 1236. May 29, 1969. 3 p.
- 9400 214. Henry E. Dooley. Report from Committee on Judiciary to accompany H.R. 2940. May 29, 1969. 6 p.
- 9401 215. Capt. Richard L. Schumaker, U.S. Army Report from Committee on Judiciary to accompany S. 728. May 29, 1969. 8 p.
- 9402 216. Yvonne Davis. Report from Committee on Judiciary to accompany S. 757. May 29, 1969. 4 p.
- 9403 224. Ludger J. Cossette. Report from Committee on Judiciary to accompany S. 499. May 29, 1969. 3 p.

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

- 9404 122. Authorizing printing of study entitled The New Left as Senate document. Report from Committee on Rules and Administration to accompany S. Res. 89. Apr. 3, 1969. 3 p.
- 9405 168. Authorization of appropriations for metric system study. Report from Committee on Commerce to accompany S. 1287. May 12, 1969. 3 p.
- 9406 169. Extending National Council on Marine Resources and Engineering Development to June 30, 1970. Report from Committee on Commerce to accompany H.R. 8794. May 12, 1969. 3 p.
- 9407 170. Federal judicial system. Report of Committee on Judiciary made by its Subcommittee on Improvements in Judicial Machinery, pursuant to S. Res. 239, 90th Congress, 2d session; May 13, 1969. 1969. iii+32 p.
- 9408 171. Alabama sesquicentennial medals. Report from Committee on Banking and Currency to accompany S. 995. May 14, 1969. 4 p.
- 9409 172. South Carolina 300th anniversary medals. Report from Committee on Banking and Currency to accompany H.R. 6269. May 14, 1969. 4 p.
- 9410 173. Composition of Commission for Extension of U.S. Capitol. Report from Committee on Public Works to accompany S. 1888. May 16, 1968 [1969]. 2 p.
- 9411 174. Wichita, Kans., centennial medals. Report from Committee on Banking and Currency to accompany H.R. 8188. May 16, 1969. 3 p.
- 9412 181. Emergency loan funds. Report from Committee on Agriculture and Forestry to accompany S.J. Res. 111. May 16, 1969. 2 p.
- 9413 182. Special pay for certain nuclear qualified submarine officers. Report from Committee on Armed Services to accompany H.R. 9328. May 19, 1969. 13 p.
- 9414 184. Investment company amendments act of 1969. Report of Committee on Banking and Currency to accompany S. 2224; May 21, 1969. 1969. iv+47 p.
- 9415 185. Acquisition of air carriers. Report together with individual views from Committee on Commerce to accompany S. 1373. May 22, 1969. 16 p.
- 9416 186. Reclamation project feasibility studies, 1969. Report from Committee on Interior and Insular Affairs to accompany S. 574. May 22, 1969. 7 p.
- 9417 187. Authorizing printing of additional copies of Veterans' benefits calculator. Report from Committee on Rules and Administration to accompany H. Con. Res. 35. May 22, 1969. 1 p.
- 9418 188. Authorizing certain printing for use of House Committee on Veterans' Affairs. Report from Committee on Rules and Administration to accompany H. Con. Res. 95. May 22, 1969. 1 p.
- 9419 189. Authorizing printing of revised edition of pamphlet, Our American Government, as House document. Report from Committee on Rules and Administration to accompany H. Con. Res. 162. May 22, 1969. 2 p.
- 9420 190. Authorizing printing of revised edition of How our laws are made as House document. Report from Committee on Rules and Administration to accompany H. Con. Res. 192. May 22, 1969. 2 p.
- 9421 191. Authorizing printing of additional copies of Senate hearings entitled Thermal pollution, 1968. Report from Committee on Rules and Administration to accompany S. Con. Res. 21. May 22, 1969. 2 p.
- 9422 192. Authorizing printing of additional copies of Senate doc. 91-13, entitled Review of United States foreign policy and operations, 1968. Report from Committee on Rules and Administration to accompany S. Res. 195. May 22, 1969. 2 p.
- 9423 193. Authorizing printing of manuscript entitled 1st Army in Europe as Senate document. Report from Committee on Rules and Administration to accompany S. Res. 177. May 22, 1969. 3 p.
- 9424 194. Gold and silver content manufactured articles. Report from Committee on Commerce to accompany S. 1046. May 22, 1969. 8 p.
- 9425 195. National Center on Educational Media and Materials for the Handicapped. Report together with individual views from Committee on Labor and Public Welfare to accompany S. 1611. May 22, 1969. 12 p.
- 9426 196. National Commission on Libraries and Information Science act. Report from Committee on Labor and Public Welfare to accompany S. 1519. May 22, 1969. 7 p.

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

- 9427 197. Designating Pelican Island Wilderness Area. Report from Committee on Interior and Insular Affairs to accompany S. 126. May 22, 1969. 6 p.  
L.C. card 79-602377
- 9428 198. Designating Monomoy Wilderness Area in Massachusetts. Report from Committee on Interior and Insular Affairs to accompany S. 1652. May 22, 1969. 8 p.  
L.C. card 72-602378
- 9429 199. Consenting to extension of interstate oil and gas compact. Report from Committee on Interior and Insular Affairs to accompany S. J. Res. 54. May 23, 1969. 6 p.
- 9430 200. Designating certain islands in Michigan, Wisconsin, and Maine as Wilderness areas. Report from Committee on Interior and Insular Affairs to accompany S. 826. May 23, 1969. 16 p.  
L.C. card 75-602289
- 9431 201. Establish Commission on Balanced Economic Development. Report from Committee on Government Operations to accompany S. J. Res. 60. May 23, 1969. 2 p.
- 9432 202. Legislative reorganization act of 1969. Report from Committee on Government Operations to accompany S. 844. May 23, 1969. 58 p.
- 9433 204. Documentation of vessel Cap'n Frank with full coastwise privileges. Report from Committee on Commerce to accompany S. 753. May 23, 1969. 3 p.
- 9434 205. Preventing termination of certain Federal oil and gas leases. Report from Committee on Interior and Insular Affairs to accompany S. 1193. May 26, 1969. 11 p.
- 9435 206. Extension of time to complete institutional investors study. Report from Committee on Banking and Currency to accompany S. J. Res. 112. May 27, 1969. 6 p.
- 9436 218. Extension of temporary duty suspension on certain classifications of yarn of silk. Report from Committee on Finance to accompany H.R. 2718. May 29, 1969. 3 p.
- 9437 219. Protection of disability evaluation in effect for 20 or more years. Report from Committee on Finance to accompany H.R. 4622. May 29, 1969. 4 p.
- 9438 221. Temporary suspension of duties on metal scrap. Report from Committee on Finance to accompany H.R. 10016. May 29, 1969. 4 p.
- 9439 223. Elimination of duty on crude chicory roots. Report from Committee on Finance to accompany H.R. 8644. May 29, 1969. 6 p.
- 9440 228. 2d supplemental appropriation bill, 1969. Report from Committee on Appropriations to accompany H.R. 11400. June 11, 1969. 111 p.
- 9441 262. Additional district judges. Report from Committee on Judiciary to accompany S. 952. June 19, 1969. 360 p.

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

- 9442 NASA authorization for fiscal year 1970, hearings, 91st Congress, 1st session, on S. 1941. † ● Item 1032-A  
L.C. card 71-601946 Y 4.Ae S: N 21a/970/pt. (nos.)  
pt. 1. Apr. 23-30, 1969. 1969. viii + 450 p. il. 4°  
pt. 2. May 1-9, 1969. 1969. viii + 451-905 + lxxxiv p. il.
- 9443 [This entry number not used.]

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

- 9444 Food stamp program and commodity distribution, hearings, 91st Congress, 1st session, on President's message on hunger and malnutrition, S. 6, S. 339, S. 1608, S. 1864, and S. 2014, May 22-27, 1969. 1969. iv + 469 p.  
† ● Item 1032  
L.C. card 73-602275 Y 4.Ag S/2: F 73/22
- 9445 Potato research and promotion act, hearing before Subcommittee on Agricultural Production, Marketing and Stabilization of Prices, 91st Congress, 1st session on S. 1181, May 8, 1969. 1969. iv + 84 p. † ● Item 1032  
L.C. card 71-601938 Y 4.Ag S/2: P 84/5/969

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

- 9446 2d supplemental appropriations for fiscal year 1969, hearings, 91st Congress, 1st session, on H.R. 11400. 1969. ii + 1397 + x p. il. † ● Item 1033  
L.C. card 70-602242 Y 4.Ap 6/2: Ap 6/2/969-2

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JULY 1969

**Armed Services Committee, Senate**  
Washington, DC 20510

- 9447 Nominations of Boe, Cushman, Henkin, Tarr, and H.R. 3832, hearings, 91st Congress, 1st session, on Nils A. Boe, to be Assistant Director of Office of Emergency Preparedness, Robert E. Cushman, jr., to be Deputy Director, Central Intelligence Agency, Daniel Z. Henkin, to be Assistant Secretary of Defense (Public Affairs), Curtis W. Tarr, to be Assistant Secretary of Air Force (Manpower and Reserve Affairs), and H.R. 3832, providing for grade of General for Assistant Commandant of Marine Corps, Mar. 26-May 15, 1969. 1969. iii+24 p. † ● Item 1034  
L.C. card 72-602169 Y 4.Ar 5/3: B 63

**Banking and Currency Committee, Senate**  
Washington, DC 20510

- 9448 Export expansion and regulation, hearings before Subcommittee on International Finance, 91st Congress, 1st session, on S. 813 [and] S. 1940, Apr. 23-May 28, 1969. 1969. viii+467 p. il. † ● Item 1035  
L.C. card 72-602319 Y 4.B 22/3: Ex 7/19
- 9449 Nomination of John Conrad Clark, hearing, 91st Congress, 1st session, on nomination of John Conrad Clark to be Member of Board of Directors of Export-Import Bank of United States, May 27, 1969. 1969. ii+5 p. † ● Item 1035  
L.C. card 74-602227 Y 4.B 22/3: C 54
- 9450 Nominations of Carl O. Kamp, jr., R. Alex McCullough, and Nicholas G. Theodore, hearing, 91st Congress, 1st session on nominations of Carl O. Kamp, jr., to be member of Federal Home Loan Bank Board, R. Alex McCullough to be member of Board of Directors of Export-Import Bank of United States, and Nicholas G. Theodore to be Superintendent of the Mint of United States at Philadelphia; May 15, 1969. 1969. iii+13 p. † ● Item 1035  
L.C. card 78-602051 Y 4.B 22/3: K 12

**Commerce Committee, Senate**  
Washington, DC 20510

- 9451 Analysis of character of violence in literature and violence as expressed through television, staff report, prepared for Subcommittee on Communications, by Library of Congress. 1969. ii+5 p. (Committee Print, 91st Congress, 1st session.) †  
L.C. card 75-602029 Y 4.C 73/2: V 81
- [Committee hearings] serial, 91st Congress. † ● Item 1041  
Y 4.C 73/2: 91-(nos.)
- 9452 3. Nominations, 1969, hearings, 91st Congress, 1st session, Jan. 29-Mar. 13, 1969. 1969. iii+144 p.  
L.C. card 72-602221
- 9453 6. Federal Communications Commission policy matters and television programming, hearings before Subcommittee on Communications, 91st Congress, 1st session, on review of policy matters of Federal Communications Commission and inquiry into crime and violence on television and proposed study thereof by Surgeon General.  
pt. 1. Mar. 4 and 5, 1969. 1969. iii+1-334 p.  
L.C. card 74-601936  
pt. 2. Mar. 12-20, 1969. 1969. iii+335-517 p.  
L.C. card 74-601936

**District of Columbia Committee, Senate**  
Washington, DC 20510

- 9454 Crime in National Capital, hearings, 91st Congress, 1st session.  
p. 2. Drug abuse in Washington area, Mar. 25-Apr. 11, [1969]. 1969. v+79-385+A-223 to A-710 p. il. \* Paper, \$3.25. ● Item 1036  
L.C. card 76-601292 Y 4.D 63/2: C 86/4/969/pt.2

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9455 Home rule, hearings, 91st Congress, 1st session, on S. 1971, S. 1972, S. 1991, Apr. 30, 1969. 1969. iv+266 j. † ● Item 1036  
L.C. card 70-602321 Y 4.D 63/2: H 75/969

9456 Public assistance or public ownership of D.C. transit, hearing before Subcommittee on Fiscal Affairs, 91st Congress, 1st session, on S. 1813 [and] S. 1814, Apr. 29, 1969. 1969. iv+312 p. † ● Item 1036  
L.C. card 78-602315 Y 4.D 63/2: T 68/3

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

9457 Social security amendments of 1967, Public Law 248, 90th Congress (includes amendments to Social security act made by Public Law 90-364, enacted June 29, 1968), brief summary of major provisions and detailed comparison with prior law; prepared by Education and Public Welfare Division, Legislative Reference Service, Library of Congress; July 15, 1968. 1968. vii+118 p. 4° (Committee print, 90th Congress, 2d session.) \* Paper, 85c.  
L.C. card 68-67132 Y 4.F 49: So 1/22

## *Foreign Relations Committee, Senate* Washington, DC 20510

9458 Diary of trip to Asia, Peace Corps and Fulbright program [by Seth Tillman]; Apr. 22, 1969. 1969. iii+44 p. (Committee print, 91st Congress, 1st session.) †  
L.C. card 73-601610 Y 4.F 76/2: As 4/8

9459 14th meeting of North Atlantic Assembly, report of United States delegation to 14th meeting of members of parliaments from North Atlantic Assembly countries, held in Brussels, Nov. 11-15, 1968, pursuant to Public law 689, 84th Congress; Mar. 28, 1969. 1969. iii+104 p. (Committee print, 91st Congress, 1st session.) †  
L.C. card 59-60492 Y 4.F 76/2: N 81 a/5/968

9460 Nominations of Carl J. Gilbert and Malcolm Toon, hearing, 91st Congress, 1st session, on nominations of Carl J. Gilbert to be the President's Special Representative for Trade Negotiations, and Malcolm Toon to be Ambassador to Czechoslovakia, May 5, 1969. 1969. iii+50 p. † ● Item 1039  
L.C. card 70-601940 Y 4.F 76/2: G 37

9461 Select chronology and background documents relating to Middle East [assembled by Foreign Affairs Division, Legislative Reference Service, Library of Congress]; May 1969. 1st revised edition. 1969. vii+287 p. (Committee print, 91st Congress, 1st session.) \* Paper, \$1.25.  
L.C. card 76-602249 Y 4.F 76/2: M 58/3/946-69

9462 United States relations with Peru, hearings before Subcommittee on Western Hemisphere Affairs, 91st Congress, 1st session, Apr. 14-17, 1969. 1969. iii+139 p. † ● Item 1039  
L.C. card 75-601947 Y 4.F 76/2: P 43/2

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

9463 Czechoslovakia and Brezhnev doctrine, prepared by Subcommittee on National Security and International Operations (pursuant to S. Res. 24, 91st Cong.). 1969. iii+61 p. (Committee print, 91st Congress, 1st session.) \* Paper, 30c.  
L.C. card 76-602273 Y 4.G 74/6: C 99

9464 Establish Select Senate Committee on Technology and Human Environment, hearings before Subcommittee on Intergovernmental Relations, 91st Congress, 1st session, on S. Res. 78, Mar. 4-May 7, 1969. 1969. iv+334 p. il. 1 tab. \* Paper, \$1.50. ● Item 1037  
L.C. card 72-601973 Y 4.G 74/6: T 22/969

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- 9465 Federal support of project grants, indirect costs and cost sharing, hearings before Subcommittee on Government Research, 91st Congress, 1st session.  
pt. 1. Apr. 22 and May 1, 1969. 1969. iii+159 p. † ● Item 1037  
L.C. card 74-602286 Y 4.G 74/6: G 76/4/pt.1
- 9466 Riots, civil and criminal disorders, hearings before Permanent Subcommittee on Investigations, 91st Congress, 1st session, pursuant to S. Res. 26, 91st Congress.  
pt. 16. May 9-14, 1969. 1969. iii+2973-3118 p. \* Paper, 65c. ● Item 1037  
L.C. card 68-60271 Y 4.G 74/6: R 47/pt.16
- 9467 Utility consumers' counsel act of 1969, hearings before Subcommittee on Intergovernmental Relations, 91st Congress, 1st session, on S. 607.  
pt. 4. Apr. 21-25, 1969. 1969. v+781-1159 p. ii. \* Paper, \$1.50. ● Item 1037  
L.C. card 78-600877 Y 4.G 74/6: Ut 3/2/pt.4

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

- 9468 Alaska native land claims, hearings, 91st Congress, 1st session, on S. 1830, Apr. 29, 1969. 1969. iv+186 p. † ● Item 1040  
L.C. card 77-602347 Y 4.In 8/13: A1 1/21/969
- 9469 Apostle Islands National Lakeshore, hearing before Subcommittee on Parks and Recreation, 91st Congress, 1st session, on S. 621, Mar. 17, 1969. 1969. v+137 p. ii. 4° † ● Item 1040  
L.C. card 75-602053 Y 4.In 8/13: Ap 4/2/969
- 9470 Federal lands for parks and recreation act of 1969, hearing before Subcommittee on Parks and Recreation, 91st Congress, 1st session, on S. 1708, May 14, 1969. 1969. iii+33 p. † ● Item 1040  
L.C. card 77-601942 Y 4.In 8/13: F 31
- 9471 Grazing fees on public lands, hearings before Subcommittee on Public Lands, 91st Congress, 1st session; Feb. 27-28, 1969. 1969. x+534 p. ii. † ● Item 1040  
L.C. card 71-602174 Y 4.In 8/13: G 79/3
- 9472 Interior nomination, hearing, 91st Congress, 1st session, on nomination of Brantley Blue, of Tennessee, to be Commissioner of Indian Claims Commission, Apr. 24, 1969. 1969. ii+5 p. † ● Item 1040  
L.C. card 74-601944 Y 4.In 8/13: N 72/969-5
- 9473 National environmental policy, hearing, 91st Congress, 1st session, on S. 1075, S. 237, and S. 1752, Apr. 16, 1969. 1969. iii+234 p. ii. † ● Item 1040  
L.C. card 77-602320 Y 4.In 8/13: En 8/2/969

*Judiciary Committee, Senate*  
Washington, DC 20510

- 9474 Automotive repair industry, hearings before Subcommittee on Antitrust and Monopoly, 90th Congress 2d session, pursuant to S. Res. 233.  
pt. 1. Dec. 3-5, 1968. 1969. v+668 p. ii. 1 pl. \* Paper, \$3.00. ● Item 1042  
L.C. card 72-602047 Y 4.J 89/2: Au 8/2
- 9475 Jurisdiction of U.S. courts, nonappropriated fund activities, hearing before Subcommittee on Improvements in Judicial Machinery, 91st Congress, 1st session, on S. 980, Mar. 4, 1969. 1969. iii+15 p. † ● Item 1042  
L.C. card 76-601974 Y 4.J 89/2: C 83/10/969
- 9476 The New Left, memorandum prepared for Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, 90th Congress, 2d session, Oct. 9, 1968. 1968. vi+246+x p. (Committee print, 90th Congress, 2d session.) \* Paper, \$1.00.  
L.C. card 78-600223 Y 4.J 89/2: L 52/2

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- 9477 Nomination of Otto F. Otepka, hearing before subcommittee, 91st Congress, 1st session, on Otto F. Otepka to be member of Subversive Activities Control Board.  
pt. 2. 1969. ii+121-125 p. \* Paper, 10c. ● Item 1042  
L.C. card 79-601617 Y 4.J 89/2:Ot 2/pt.2
- 9478 Nomination of Warren E. Burger, hearing, 91st Congress, 1st session on nomination of Warren E. Burger, of Virginia, to be Chief Justice of United States; June 3, 1969. 1969. iii+116 p. † ● Item 1042  
L.C. card 70-602171 Y 4.J 89/2:B 91

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

- ✓ 9479 Chemical and biological weapons, some possible approaches for lessening threat and danger, prepared for Special Subcommittee on National Science Foundation [by Science Policy Research Division, Legislative Reference Service, Library of Congress]; May 1969. 1969. ix+64 p. \* Paper, 30c.  
L.C. card 76-602257 Y 4.L 11/2:C 42
- 9480 Coal mine health and safety, hearings before Subcommittee on Labor, 91st Congress, 1st session, on S. 355, S. 467, S. 1094, S. 1178, S. 1300, and S. 1907.  
pt. 1. Feb. 27-May 2, 1969. 1969. iv+510 p. il. † ● Item 1043  
L.C. card 70-601935 Y 4.L 11/2:C 63/2/pt.1
- 9481 Employer contributions for child-care centers and scholarships under NLRA, hearing before Subcommittee on Labor, 91st Congress, 1st session, on S. 2068, May 8, 1969. 1969. iii+38 p. † ● Item 1043  
L.C. card 73-601968 Y 4.L 11/2:C 43
- 9482 Federal construction safety, hearings before Subcommittee on Labor, 91st Congress, 1st session, on S. 1368, Mar. 25 and May 7, 1969. 1969. iv+95 p. il. † ● Item 1043  
L.C. card 70-602266 Y 4.L 11/2:Sa 1/4
- 9483 National Center on Educational Media for the Handicapped, hearing before Subcommittee on Education, 91st Congress, 1st session, on S. 1611, Apr. 21, 1969. 1969. iv+50 p. † ● Item 1043  
L.C. card 79-601948 Y 4.L 11/2:N 21 ce
- 9484 National Commission on Libraries and Information Science, hearing before Subcommittee on Education, 91st Congress, 1st session, on S. 1519, Apr. 24, 1969. 1969. iv+59 p. † ● Item 1043  
L.C. card 73-601941 Y 4.L 11/2:N 21 eo
- 9485 Nomination, hearing, 91st Congress, 1st session, on Donald Rumsfeld, of Illinois, to be Director, Office of Economic Opportunity, May 13, 1969. 1969. ii+33 p. † ● Item 1043  
L.C. card 70-601943 Y 4.L 11/2:N 72/5/969-10
- 9486 Nomination, hearing, 91st Congress, 1st session, on John B. Martin, Jr., of Michigan, to be Commissioner on Aging of Department of HEW, May 13, 1969. 1969. ii+14 p. † ● Item 1043  
L.C. card 78-601945 Y 4.L 11/2:N 72/5/969-9

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

- 9487 Health insurance, hearings before Subcommittee on Health Benefits and Life Insurance, 91st Congress, 1st session, on S. 1772, Apr. 29 and 30, 1969. 1969. vi+150 p. † ● Item 1044  
L.C. card 71-601970 Y 4.P 84/11:H 34/8
- 9488 Postmaster appointments, hearing, 91st Congress, 1st session, on S. 1583, May 8, 1969. 1969. iii+59 p. il. † ● Item 1044  
L.C. card 79-602054 Y 4.P 84/11:P 84/22

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- 9489 RPO employees, hearing, 91st Congress, 1st session, on S. 1771, May 15, 1969. 1969. iii+20 p. † ● Item 1044  
L.C. card 77-602170 Y 4.P 84/11 :R 13/2/969

## Public Works Committee, Senate Washington, DC 20510

[Committee publications] serial, 91st Congress. † ● Item 1045  
Y 4.P 96/10 : 91-(nos.)

- 9490 2. Water pollution, 1969, hearings before Subcommittee on Air and Water Pollution, 91st Congress, 1st session, on S. 7 and S. 544.  
L.C. card 68-61508  
pt. 3. Santa Barbara, Calif., Feb. 24 and 25, 1969. 1969. v.+451-918 p. il.
- 9491 5. Regional economic development legislation of 1969, hearings before Subcommittee on Economic Development, 91st Congress, 1st session, on S. 1072 and S. 1090.  
pt. 1. Mar. 5-7, 1969. 1969. iv+325 p. il.  
L.C. card 79-601972
- 9492 7. California disaster relief act of 1969, hearings before Subcommittee on Roads, 91st Congress, 1st session, on S. 993, Apr. 1 and 3, 1969. 1969. iv+123 p. il. 2 maps.  
L.C. card 79-601755
- 9493 10. Nomination of Alfred E. France to be Federal Cochairman of Upper Great Lakes Regional Commission, hearing, 91st Congress, 1st session, May 15, 1969. 1969. ii+12 p.  
L.C. card 76-602056
- 9494 11. Federal Law Enforcement Training Center, hearing before Subcommittee on Public Buildings and Grounds, 91st Congress, 1st session, on proposed project for construction of Federal law enforcement training center at Beltsville, Md., May 13, 1969. 1969. iii+22 p.  
L.C. card 74-602172

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

C&MS (series). †

A 88.40/2 : (nos.)

- 9495 13. Fresh fruit and vegetable shipments by States, commodities, counties, stations, calendar year 1968. May 1969. 76 p. 4° (Fruit and Vegetable Division, Market News Branch.) ● Item 19-A  
L.C. card 57-60682
- 9496 75. Questions and answers about Federal seed act; by S. F. Rollin. May 1969. 12 p. 4° [Supplements AMS-415, Oct. 1960 and AMS-415, supp. 1, July 1961.]
- 9497 76. You can help fight hunger in America, donated foods, handbook for volunteers. [May 1969.] 11 p. 4° ● Item 19-A
- 9498 77. You can help fight hunger in America, food stamp handbook for volunteers. [May 1969.] 11 p. 4° ● Item 19-A
- 9499 Cotton varieties planted in early producing section of Texas 1969. [June 2, 1969.] [2] p. 4° (Cotton Division.) † A 88.11/11 : 969
- 9500 Federal facilities requirements for small existing meat plants. [1969.] [1]+29+[3] p. il. 4° (Consumer Protection Programs, Technical Services Division.) [Issued in looseleaf form.] ● Item 107-B  
A 88.6 : M 46
- 9501 Guidelines for implementation of sanitary requirements in poultry establishments [revised page]. Sept. 1968. 1 p. 4° (Consumer Protection.) †  
A 88.6/4 : P 86/2/rev.page
- 9502 Institutional meat purchase specifications for fresh pork, series 400, approved by USDA. Revised May 1969. [1969.] vi+5 p. il. 4° (Livestock Division.) \* Paper, 15c. ● Item 24-N  
A 88.17/4 : P 82/969
- 9503 Institutional meat purchase specifications for fresh veal and calf, series 300, approved by USDA. Revised May 1969. [1969.] iv+5 p. il. 4° (Livestock Division.) \* Paper, 15c. ● Item 24-N  
A 88.17/4 : V 48/969
- 9504 Light-air-cured tobacco market review, pt. 1, type 31, burley, 1968 crop (1968-69 season). May 1969. 36 p. il. 4° (Tobacco Division; TOB-LA-13, pt. 1.) † ● Item 24-D  
A 88.34/5 : 968-69/pt.1

PMG (series).

- 9505 6. 1969 broiler marketing guide. [May 1969.] 8 p. 4° † ● Item 18-D  
A 88.26/5 : 6

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# GOVERNMENT PUBLICATIONS

- 9506 United States standards for grades of canned clingstone peaches, effective June 1, 1969. 5th issue as amended. [1969.] [2]+16+iv p. 4° [Published in Federal Register June 1, 1969. Supersedes standards which have been in effect since July 23, 1961. Important notice, 1 p., issued also.] † Chief, Processed Products Standardization and Inspection Branch, Fruit and Vegetable Division, C&MS, Department of Agriculture, Washington, DC 20250 A 88.6/2: P 313/969
- 9507 United States standards for grades of canned freestone peaches, effective June 1, 1969. 3d issue as amended. [1969.] [2]+13 p. 4° [Published in Federal Register May 1, 1969. Supersedes standards which have been in effect since July 22, 1957.] † Chief, Processed Products Standardization and Inspection Branch, Fruit and Vegetable Division, C&MS, Department of Agriculture, Washington, DC 20250 A 88.6/2: P 313/2/969

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

- 9508 Catalog of copyright entries, 3d series, v. 19.  
pt. 2. Periodicals; Jan.-Dec. 1965. 1969. ix+449 p. 4° \* Paper, \$2.00 a yr., 50c.  
additional for foreign mailing; single copy, \$1.00. ● Item 793  
L.C. card 6-35347 LC 3.6/5: v.19/pt.2

## COURT OF CLAIMS Washington, DC 20006

- 9509 Cases decided in Court of Claims, July 1-Nov. 30, 1968, with report of decisions of Supreme Court in Court of Claims cases, v. 185; reported by Margaret H. Pierce, reporter. 1969. xvii+824 p. \* Cloth, \$5.00.  
● Item 730  
L.C. card 11-11998 Ju 3.9:185

## DEFENSE DEPARTMENT Washington, DC 20301

- 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.)
- 9510 1-4. Federal manual for supply cataloging: chap. 4 [Operating procedures, July 1967]. Change 4; May 1, 1969. [1969.] [10] p. 4° ([Army Dept.] AR 708-14.) \* Paper, 15c.
- 9511 1-5. Federal manual for supply cataloging: chap. 5. Special operating procedures for FSC classes assigned for integrated materiel management. July 1969. cover title, [53] p. 4° (AR 708-15.) \* Paper, 65c.
- 9512 1-6. Federal manual for supply cataloging: chap. 6 [Operating forms], Change 2. Apr. 1, 1969. [41] p. 4° ([Army Dept.]; AR 708-16.) \* Paper, 45c.
- 9513 Court-martial reports, holdings and decisions of Judge Advocates General Boards of Review, and United States Court of Military Appeals, v. 38, 1967-68. [1969.] xlviii+944 p. † Cloth, \$7.50, Lawyers Co-operative Publishing Co., Rochester, N.Y.  
L.C. card 52-61311 D 1.29:38
- 9514 Defense Logistics Services Center, Battle Creek, Mich., annual historical summary, fy 67. [1967.] cover title, [56] leaves, il. 4° †  
L.C. card 68-62735 D 7.1/2:967
- 9515 Defense Logistics Services Center, Battle Creek, Mich., annual historical summary fy 68. [1968.] cover title, [62] p. il. 4° †  
L.C. card 68-62735 D 7.1/2:968
- Defense Supply Agency manual DSAM (series). ● Item 314-A D 7.6/8:(nos.)
- 9516 1445.14. DSA civilian career program for auditors. Apr. 1969. cover title, iii+58 p. †
- 9517 4130.2. Federal item identification guides (FIIG) improvement program procedures manual. May 1969. cover title, [89] p. 4° ([Army Dept.] AR 708-9; [Navy Dept.] NAVSUP PUB 5001; [Air Force Dept.] AFM 72-3; [Marine Corps] MCO 4410.6B.) [Issued in looseleaf form. Supersedes DSAM 4130.2, AR 708-9; NAVSUP PUB 5001, AFM 72-3, MCO P 4410.6A, OCT. 1966.] \* Paper, \$1.00.

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- 9518 4140.2. Supply operations manual, v. 1, Distribution system procedures, Change 9, May 15, 1969. [41] p. 4° ([Army Dept.] AR 735-110; [Navy Dept.] NAVSUP pub. 5003, ch. 9; [Marine Corps] MCO P4400. 101, Ch. 9; DASH-OP.) [Issued with perforations.] ‡
- 9519 Federal item identification guide: Fuse-holders. June 13, 1969. cover title, [70] p. il. 4° (FIIG A014; Defense Supply Agency, Defense Logistics Service Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 75c. ● Item 314-A D 7.6/4: F 98/2
- 9520 — Fuses, electrical. June 7, 1969. cover title, [58] p. il. 4° (FIIG A017; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 70c. ● Item 314-A D 7.6/4: F 98/3

## Military handbook MIL-HDBK (series).

- 9521 23A. Structural sandwich composites [with lists of referenced documents]. Dec. 30, 1968 [published 1969.] [420] p. il. 4° (FSC 1500.) [Issued with perforations. Supersedes MIL-HDBK-23, pt. 1, ANC-23, pt. 2, MIL-HDBK-23, pt. 3.] \* Paper, \$3.25. ● Item 314-A D 7.6/2: 23 A L.C. card 76-602379

## Military standard MIL-STD (series). [Issued with perforations.] ‡ ● Item 314-J D 7.10:(nos.)

- 9522 129D. Marking for shipment and storage, Change notice 12. Apr. 11, 1969. [21] p. l. 4° (FSC PACK.)
- 9523 202D. Test methods for electronic and electrical component parts. Apr. 14, 1969. [172] p. il. 4° (MISC.) [Supersedes MIL-STD-202C, Sept. 12, 1963.]
- 9524 785A. Reliability program for systems and equipment development and production. Mar. 28, 1969. v+11 p. 4° (FSC MISC.) [Supersedes MIL-STD-785, June 30, 1965.]
- 9525 1132. Switches and associated hardware, selection and use of, Notice 1; Apr. 8, 1969. [1969.] [40] p. il. 4°
- 9526 1339 (SHIPS). Fitting out procedures, new construction ships. Mar. 31, 1969. vi+17 p. 4° (FSC MISC.)
- 9527 1340 (SHIPS). Fitting out procedures, ship conversions and modernizations. Mar. 31, 1969. vi+20 p. 4° (FSC MISC.)
- 9528 MILSTRIP, Military assistance program address directory, supp. 2 Nov. 1, 1968; Change 3C. May 1969. [12] p. 4° (DoD 4140.17-M; Defense Supply Agency.) [Issued in looseleaf form.] \* Paper, 15c. ● Item 314-A D 7.6/4:M 59/supp.2/rev.-2/ch.3 C
- 9529 — Change 4. May 1, 1969. 3+[128] p. 4° (DoD 4140.17-M; Defense Supply Agency.) [Issued in looseleaf form.] \* Paper, \$1.25. ● Item 314-A D 7.6/4:M 59/supp.2/rev.-2/ch.4
- 9530 MILSTRIP, military standard requisitioning & issue procedures, Change 22; May 1969. [1969.] [38] p. 4° (DoD 4140.17-M; Office of Assistant Secretary of Defense (Installations and Logistics).) [Issued in looseleaf form.] \* Paper, 40c. ● Item 314-A D 7.6/4:M 59/ch.22

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

- 9531 Communication and mountain development, summary report of 2 east Kentucky studies; [by] Mary Jean Bowman and H. Dudley Plunkett, University of Chicago, Chicago, Ill. May 1969. [5]+172 p. il. 4° ‡ ● Item 130-D C 46.2:C 73/4 L.C. card 79-602326

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

- 9532 Continuity and change in antipoverty programs, 2d annual report, National Advisory Council on Economic Opportunity. Mar. 1969. [1]+viii+33 p. \* Paper, 30c. ● Item 857-H-16 PrEx 10.22: 969 L.C. card 70-602353

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Federal outlays in cities, report of Federal Government's impact by State and county, fiscal year 1968. [1969.] [Includes marginal index tabs on blank cardboard showing titles.] ‡

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- L.C. card 70-602147
- 9616 Ohio, v. 1. [563] p. 4° PrEx 10.24 : N 81d/968/v.1
- L.C. card 78-602149
- 9617 Oklahoma, v. 1. [491] p. 4° PrEx 10.24 : Oh 3/968/v.1
- L.C. card 74-602148
- 9618 Oregon, v. 1. [286] p. 4° PrEx 10.24 : Ok 4/968/v.1
- L.C. card 78-602149
- 9619 Pennsylvania, v. 1. [492] p. 4° PrEx 10.24 : Or 3/968/v.1
- L.C. card 79-4077
- 9620 Rhode Island, v. 1. [100] p. 4° PrEx 10.24 : P 38/968/v.1
- L.C. card 71-602158
- 9621 South Carolina, v. 1. [321] p. 4° PrEx 10.24 : R 34/968/v.1
- L.C. card 75-602159
- 9622 South Dakota, v. 1. [391] p. 4° PrEx 10.24 : So8c/968/v.1
- L.C. card 72-4114
- 9623 Tennessee, v. 1. [554] p. 4° PrEx 10.24 : So 8d/968/v.1
- L.C. card 72-4078
- 9624 Texas, v. 1. 2 pts., [71] + 1163 p. 4° PrEx 10.24 : T 25/968/v.1
- L.C. card 76-4079
- 9625 Trusts & territories, v. 1. [189] p. 4° PrEx 10.24 : T 31/968/v.1/pt.1,2
- L.C. card 70-602160
- 9626 Utah, v. 1. [227] p. 4° PrEx 10.24 : T 77/968/v.1
- L.C. card 73-602161
- 9627 Vermont, v. 1. [148] p. 4° PrEx 10.24 : Ut 1/968/v.1
- L.C. card 77-602162
- 9628 Virginia, v. 1. [694] p. 4° PrEx 10.24 : V 59/968/v.1
- L.C. card 70-4080
- 9629 Washington, v. 1. [300] p. 4° PrEx 10.24 : V 81/968/v.1
- L.C. card 70-602163
- 9630 West Virginia, v. 1. [351] p. 4° PrEx 10.24 : W 27/968/v.1
- L.C. card 74-4081
- 9631 Wisconsin, v. 1. [459] p. 4° PrEx 10.24 : W 52v/968/v.1
- L.C. card 78-4082
- 9632 Wyoming, v. 1. [191] p. 4° PrEx 10.24 : W 75/968/v.1
- L.C. card 74-602164
- PrEx 10.24 : W 99/968/v.1

## OEO pamphlets. † Item 857-H-17

- 9633 1405-6. Special report, hunger in our midst. Apr. 1969. 30 p. il. 4° [Reprinted with permission of Charlotte Observer.] † PrEx 10.23 : (nos.)
- 9634 6108-12. See, below, Project Head Start (series) 10A.
- 9635 6108-13. Review of research 1965-69; prepared by Project Head Start. June 1969. cover title, [3] + III + 52 p. 4° ([Research and Evaluation Office.])
- L.C. card 76-602352
- 9636 6128-7. Introductory guide to training neighborhood residents in comprehensive health services programs [with selected bibliography]. Jan. 1969. cover title, 15 p. 4° (Health Services Office, Community Action Program.)
- 9637 6132-2. Emergency food and medical services program, guidelines (under sec. 222(a) (8), of Economic opportunity amendments of 1967). Jan. 1969. 22 p. 4° (Health Services Office, Community Action Program.)

## Project Head Start (series).

- 9638 10A. Parent involvement, workbook of training tips for Head Start staff. [May 1969.] cover title, 92 p. il. 4° ([OEO pamphlet 6108-12; Community Action Program.]) [Text and other illustrations on p. 1-4 of cover.] †
- Item 857-H-12
- L.C. card 72-601492
- PrEx 10.12 : 10A

## ECONOMIC RESEARCH SERVICE, Agriculture Dept Washington, DC 20250

### Agricultural economic reports. ● Item 42-C

- A 93.28 : (nos.)
- 9639 159. Selected economic trends in agricultural sector, Northern Lake States, 1949-64; [by Jerome M. Stam]. [May 1969.] cover title, vii + 84 p. il. 4° [Prepared in cooperation with Minnesota Agricultural Experiment Station, University of Minnesota. Updates chapter on agriculture in Agricultural economic report 108, Feb. 1967.] †
- L.C. card 76-602336
- 9640 160. New borrowers in Farmers Home Administration operating loan program 1965-66, compared with new borrowers obtaining loans from banks and production credit associations; [by William McD. Herr]. [May 1969.] iv + 29 p. 4° \* Paper, 30c.
- L.C. card 72-602335

\*For Sale by Superintendent of Documents

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# JULY 1969

- 9641 162. Spanish-surname farm operators in southern Texas; [by Edward J. Smith]. [June 1969.] ix+61 p. il. 4° [Prepared in cooperation with Census Bureau.] \* Paper, 55c.  
L.C. card 75-602368
- 9642 Agricultural finance review, v. 29, Feb. 1969. [1969.] ii+55 p. il. 4° (Farm Production Economics Division.) †  
L.C. card 46-34980 A 93.9/10: 29
- ERS-foreign (series). † ● Item 76-G A 93.21/2: (nos.)
- 9643 255. Agriculture in Australia with emphasis on trade with Far East countries [with list of selected references by Geraldine W. Abbott]. [June, 1969.] vi+53 p. il. 4° (Foreign Regional Analysis Division.)  
L.C. card 70-602179
- 9644 271. European Free Trade Association, agricultural trade statistics, 1961-67. [May 1969.] cover title, [258] p. oblong 8° ([Trade Statistics and Analysis Branch, Foreign Development and Trade Division.]) [Map on p. 2 of cover.]  
L.C. card 78-602287
- Foreign agricultural economic report.
- 9645 51. Food aid and agricultural development [with bibliography; by Frank D. Barlow, Jr. and Susan A. Libbin]. [June 1969.] ii+85 p. il. 4° \* Paper, 65c. ● Item 42-B  
L.C. card 73-602362 A 93.27: 51
- 9646 Sanitary regulation, once? twice? thrice?; by Alden C. Manchester, Floyd A. Lasley, W. Webster Jones. May 1969. 12 p. 4° (Marketing Economics Division.) †  
A 93.2: Sa 5
- 9647 U.S. foreign agricultural trade by countries, fiscal year 1968. [1969.] [2]+67 p. 4° ([Trade Statistics and Analysis Branch, Foreign Development and Trade Division.]) [Supplement to monthly Foreign agricultural trade of United States.] † ● Item 42-E  
A 93.17/4: 968

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

- 9648 Contributions of Title 3 to education of handicapped children. [1969.] [1]+11 p. 4° (Bureau of Education for the Handicapped.) [Based on statement made by James J. Gallagher, Associate Commissioner, before National Advisory Council on Innovation, Jan. 1969.] † ● Item 461  
(Rev. 1965) FS 5.2: H 19/3
- 9649 Creative developments in training of educational personnel. [1969.] [2]+viii+84 p. 4° ([OE-58031]; Bureau of Educational Personnel Development.) † ● Item 460-A-58  
L.C. card 70-602277 FS 5.258: 58031
- 9650 Directory, State Department of Education personnel for guidance and personnel services. May 1969. [2] leaves+28 p. 4° (Compiled by Pupil Personnel Services Branch.) (OE 25037-C.) † ● Item 460-A-25  
L.C. card HEW 61-79 FS 5.225: 25037-C
- 9651 Education professions development act, facts about programs for 1970-71, EPDA pts. C, D, and F. May 1969. [2]+v+34 p. il. 4° ([OE-58030]; Bureau of Educational Personnel Development.) † ● Item A-58  
FS 5.258: 58030
- 9652 Fall 1968 statistics of public elementary and secondary day schools, pupils, teachers, instruction rooms, and expenditures; by Richard H. Barr and Betty J. Foster. [Mar. 1969.] vi+33 p. 4° (OE-20007-68; National Center for Educational Statistics.) [Title on cover is Elementary and secondary education, fall 1968 statistics of public schools.] \* Paper, 45c. ● Item 460-A-20  
L.C. card 65-9607 FS 5.220: 20007-68
- 9653 Financial statistics of institutions of higher education: Property, 1965-66; by Paul Mertins. [Mar. 1969.] viii+123 p. il. 4° (OE-52012-66; National Center for Educational Statistics.) [Highlights on p. 2 of cover.] \* Paper, \$1.25. ● Item 460-A-52  
L.C. card E 43-141 FS 5.252: 52012-66



# GOVERNMENT PUBLICATIONS

- 9654 Higher education reports for information of participants in Bureau of Higher Education programs. [1969.] 15 p. 4° (Bureau of Higher Education.) [Page 15 left blank for notes.] † ● Item 462-A  
FS 5.81:969-2
- 9655 How to use ERIC, Educational Resources Information Center. [1969.] cover title, 12 p. il. oblong 12° ([OE-12037-B.]) \* Paper, 25c. ● Item 460-A-12  
FS 5.212:12037-B
- 9656 Interim emergency report of National Advisory Committee on Handicapped Children. May 6, 1969. xiii+18 p. il. 4° † ● Item 461 (Rev. 1965)  
FS 5.2:H 19/4/969
- 9657 James E. Allen, jr. on education, quotes and summaries of articles and speeches by James E. Allen, jr., prior to becoming Assistant Secretary for Education and Commissioner of Education, Department of Health, Education, and Welfare. May 1969. [1]+29 p. il. 4° (Office of Information.) † ● Item 461 (Rev. 1965)  
FS 5.2:A15/3
- 9658 Office of Education support for research and related activities. Revised Apr. 1969. [1969.] cover title, iii+15 p. 4° (OE-12025-B; Bureau of Research.) † ● Item 460-A-12  
L.C. card HEW 67-57  
FS 5.212:12025-B
- 9659 Planning educational change: v. 2, Human resources in school desegregation [with bibliographic summary; by] Mark A. Chesler, Judith Guskin, Phyllis Erenberg. [1969.] v+41 p. il. 4° (OE-38012.) \* Paper, 50c. ● Item 460-A-38  
FS 5.238:38012
- 9660 Recommendations of grassroots conferences sponsored by Office of Programs for Disadvantaged, Dec. 1-2, 1965, Washington, D.C.; Feb. 10-11, 1966, Columbia, S.C.; Mar. 31-Apr. 1, 1966, Brooklyn, N.Y.; Aug. 5-7, 1966, Los Angeles, Calif.; Dec. 5-6, 1968, New Orleans, La. [1969.] [1]+v+34 p. 4° (Office of Programs for the Disadvantaged.) †  
L.C. card 70-602396  
FS 5.2:G 76/6
- 9661 Thesaurus of ERIC descriptors; compiled by Educational Resources Information Center, Bureau of Research. 2d edition, Apr. 1969. [1969.] [353] p. oblong 12° (OE-12031-69.) \* Paper, \$3.25. ● Item 460-A-12  
L.C. card 77-602268  
FS 5.212:12031-69

## ENGINEERS CORPS (Army), Defense Dept.

NOTE.—Orders or requests for publications of the Engineers Corps, other than those sold by the Superintendent of Documents or by offices of the Engineers Corps in other cities, should be addressed to Chief of Engineers, U.S. Army, Washington, DC, 20310, Attention Publications Office.

- 9662 Flood plain information: Allegheny River, Little Valley and Great Valley Creeks, Salamanca, N.Y. Sept. 1968. cover title, [4]+ii+56 p. il. 16 pl. 4° [Prepared for City of Salamanca, Allegheny River Basin Regional Water Resources Planning and Development Board, and Division of Water Resources, State of New York, by Corps of Engineers, Army, Pittsburgh District, Pittsburgh, Pa.] †  
D 103.47:Sa 3
- 9663 — Arkansas River and tributaries, Russellville, Dardanelle, Ark. Feb. 1969. cover title, [4]+ii+53+[5] p. il. 32 pl. 2 p. of pl. 4° [Prepared for cities of Russellville and Dardanelle, by Corps of Engineers, U.S. Army, Little Rock, Arkansas, District.] †  
D 103.47:R 91
- 9664 — Arkansas River, North Little Rock, Ark. June 1968. cover title, [3]+ii+40+[5] p. il. 32 pl. 2 p. of pl. 4° [Prepared for city of North Little Rock by Corps of Engineers, U.S. Army, Little Rock, Arkansas, District.] †  
D 103.47:N 811
- 9665 — Black Hawk Creek, Black Hawk County, Iowa. Dec. 1968. cover title, [3]+iii+55 p. il. 17 pl. 4° [Prepared for State of Iowa, Iowa Natural Resources Council by Corps of Engineers, U.S. Army, Rock Island District. Some plates are colored.] †  
D 103.47:B 56

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- 9666 — Camp Creek, North Fork Camp Creek, metropolitan Atlanta, Ga. May 1968. cover title, [3]+ii+38+[3] p. il. 23 pl. 4° [Prepared for Atlanta Region Metropolitan Planning Commission, by Corps of Engineers, U.S. Army, Mobile, Ala., District.] † D 103.47: At 6/3
- 9667 — Canandaigua Outlet in counties of Ontario and Wayne, N.Y. Dec. 1968. cover title, [3]+i+54 p. il. 11 pl. 4° [Prepared for WA-ONT-YA Regional Water Resources Planning and Development Board, by Corps of Engineers, U.S. Army, Buffalo District. Some plates are colored.] ‡ D 103.47: On 8
- 9668 — Cattaraugus Creek in village and town of Arcade, Wyoming County, N.Y. July 1968. cover title, [6]+iv+50 p. il. 7 pl. 4° [Prepared for Erie-Niagara Basin Regional Water Resources Planning and Development Board, by Corps of Engineers, U.S. Army, Buffalo District. Some plates are colored.] ‡ D 103.47: Ar 2
- 9669 — Chagrin River in counties of Lake and Cuyahoga, Ohio, July 1968. cover title, [7]+iii+53 p. il. 13 pl. 4° [Prepared for Ohio Department of Natural Resources, Division of Water, by Corps of Engineers, U.S. Army, Buffalo District.] ‡ D 103.47: L 14
- 9670 — Christina River (Christiana Acres to Coochs Bridge) Muddy and Belltown Runs, New Castle County, Del. Oct. 1968. cover title, [6]+ii+47 p. il. 14 pl. 4° [Prepared for New Castle County Department of Planning by Corps of Engineers, U.S. Army, Philadelphia District.] ‡ D 103.47: N 42 c
- 9671 — Concord and Shawsheen Rivers, Bedford, Mass. Sept. 1968. cover title, [6]+iii+50+[9] p. il. 12 pl. 4° [Prepared for Town of Bedford by Department of Army, New England Division, Corps of Engineers, Waltham, Mass.] ‡ D 103.47: B 39
- 9672 — Cuyahoga River, Big Creek and Tinkers Creek, Cuyahoga County, Ohio. July 1968. cover title, a-f+ii+61 p. il. 17 p. of pl. 4° [Prepared for Ohio Department of Natural Resources, Division of Water and Regional Planning Commission, Cuyahoga County, by Corps of Engineers, U.S. Army, Buffalo District.] ‡ D 103.47: C 99
- 9673 — Dickinson, N. Dak., drainage ditch. June 1968. cover title, [2]+ii+21 p. il. 6 pl. 4° [Prepared for City of Dickinson, by U.S. Army Engineer District, Omaha, Corps of Engineers, Army, Omaha, Nebr. Map is separate.] ‡ D 103.47: D 56/2
- 9674 — Fountain Creek, Pueblo, Colo. Oct. 1968. cover title, [2]+ii+45 p. il. 16 pl. 4° [Prepared for City and County of Pueblo by Corps of Engineers, U.S. Army, Albuquerque, N. Mex., District.] ‡ D 104.47: P 96/2
- 9675 — Goodnight Arroyo, Dry Creek & Wild Horse-Dry Creek, Pueblo, Colo. Apr. 1969. cover title, a-d+ii+52 p. il. 12 pl. 4° [Prepared for City and County of Pueblo by Corps of Engineers, Army, Albuquerque, N. Mex., District.] ‡ D 103.47: P 96
- 9676 — Laguna Canyon, Orange County, Calif. Mar. 1969. cover title, iv+31 p. il. 24 pl. 4° [Prepared for Orange County Flood Control District, by Corps of Engineers, Army, Los Angeles District, Calif.] ‡ D 103.47: Or 1
- 9677 — Little Papillion Creek and South Branch, v. 2, Omaha metropolitan region, Nebr. Apr. 1968. cover title, [3]+iii+45 p. il. 11 pl. map, 4° [Prepared for Papio Watershed Board, Washington-Douglas-Sarpy Counties, Nebr., by U.S. Army Engineer District, Omaha, Corps of Engineers, Omaha, Nebr. Map is separate.] ‡ D 103.47: Om 1/v.2
- 9678 — Meramec River, Brush Creek and Fox Creek, Pacific, Mo. June 1968. cover title, [4]+ii+55 p. il. 22 pl. 4° [Prepared for City of Pacific by Corps of Engineers, Army, St. Louis, Mo. District.] ‡ D 103.47: P 11
- 9679 — Mill River, Hamden, Conn. Mar. 1968. cover title, [4]+iii+35+[5] p. il. 11 pl. 4° [Prepared for Town of Hamden by Department of Army, New England Division, Corps of Engineers, Waltham, Mass.] ‡ D 103.47: H 17

# GOVERNMENT PUBLICATIONS

- 9680 — Mississippi and Yazoo Rivers, Vicksburg, Miss. June 1968. cover title, vi+37 p. il. 28 p. of pl. 4° [Prepared for city of Vicksburg and Warren County by U.S. Army Engineer District, Vicksburg, Corps of Engineers.] ‡ D 103.47: V 66
- 9681 — Mobile, Ala., Halls Mill Creek. May 1968. cover title, ii+24+[3] p. il. 15 pl. 4° [Prepared for South Alabama Regional Planning Commission by Corps of Engineers, U.S. Army, Mobile, Alabama, District.] ‡ D 103.47: H 17
- 9682 — Ohio River & tributaries, McCracken County, Ky. Apr. 1968. cover title, [4]+ii+54 p. il. 15 pl. 4° [Prepared for Paducah-McCracken County Planning Commission by Corps of Engineers, Army, Louisville, Ky. District.] ‡ D 103.47: M 13
- 9683 — Orofino and Riverside, Idaho, Clearwater River. May 1968. cover title, [3]+32 p. il. 13 pl. 4° [Prepared for City of Orofino and Clearwater County, Idaho, by Corps of Engineers, Army, Walla Walla, Washington District.] ‡ D 103.47: C 58
- 9684 — Ouachita River, Arkadelphia, Ark. Feb. 1969. cover title, vi+35 p. il. 8 pl. 4° [Prepared for City of Arkadelphia by U.S. Army Engineer District, Vicksburg, Corps of Engineers.] ‡ D 103.47: Ar 4
- 9685 — Proctor Creek, metropolitan Atlanta, Ga. June 1968. cover title, ii+29+[3] p. il. 11 pl. 4° [Prepared for Atlanta Region Metropolitan Planning Commission, by Corps of Engineers, U.S. Army, Mobile, Ala. District.] ‡ D 103.47: At 6
- 9686 — Rocky River in cities of Rocky River and Lakewood, Cuyahoga County, Ohio. July 1968. cover title, [9]+iii+54 p. il. 8 pl. 4° [Prepared for Ohio Department of Natural Resources, Division of water, and Regional Planning Commission, Cuyahoga County, by Corps of Engineers, Army, Buffalo District.] ‡ D 103.47: R 59
- 9687 — St. Johns River, Jacksonville, Fla. Mar. 1969. cover title, [6]+ii+71 p. 28 pl. 4° [Prepared for consolidated city of Jacksonville, by Corps of Engineers, Army, Jacksonville, Fla., District. Some plates are colored.] ‡ D 103.47: J 12
- 9688 — Santa Clara River, Saticoy to Pacific Ocean, Ventura County, Calif. June 1968. cover title, v+36 p. il. 17 pl. 4° [Prepared for County of Ventura, by Corps of Engineers, Army Los Angeles District, Calif.] ‡ D 103.47: V 56
- 9689 — Santa Fe River, N. Mex. May 1968. cover title, [2]+ii+31 p. il. 11 pl. 4° [Prepared for City of Santa Fe, by Corps of Engineers, U.S. Army, Albuquerque, N. Mex., District.] ‡ D 103.47: Sa 5/2
- 9690 — Santa Ynez River, including Alamo Pintado Creek, from Cachuma Dam to Buellton, Santa Barbara County, Calif. Nov. 1968. cover title, v+33 p. il. 27 pl. 4° [Prepared for Santa Barbara County Flood Control and Water Conservation District, by Corps of Engineers, Army, Los Angeles District, Calif. Addendum, 1 p., dated Feb. 4, 1969, issued also.] ‡ D 103.47: Sa 5b
- 9691 — South Fork Eel River, Weott to Myers Flat, Humboldt County, Calif. June 1968. cover title, [4]+ii+38 p. il. 16 pl. 4° [Prepared for Humboldt County, by Corps of Engineers, Army, San Francisco District.] ‡ D 103.47: H 88
- 9692 — South Fork Zumbro River and tributaries, Rochester, Minn. Aug. 1968. [10]+ii+104 p. il. 40 p. of pl. 4° [Prepared for City of Rochester by Department of Army, St. Paul District Corps of Engineers, St. Paul, Minn.] ‡ D 103.47: R 58
- 9693 — Stillwater Creek and tributaries, Stillwater, Okla. June 1968. cover title, a-f+ii+63+[3] p. il. 30 pl. 4° [Prepared for City of Stillwater by Corps of Engineers, U.S. Army, Tulsa District.] ‡ D 103.47: St 5

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- 9694 — Sweetwater River, San Diego County, Calif. Feb. 1969. cover title, iv+33 p. il. 20 pl. 4° [Prepared for San Diego County by Corps of Engineers, Army, Los Angeles District, Calif.] † D 103.47: Sa 5 d
- 9695 — Tar River and Stony Creek, Rocky Mount, N.C. Aug. 1968. cover title, c+ii+63 p. il. 19 pl. 4° [Prepared for City of Rocky Mount by Corps of Engineers, U.S. Army, Wilmington, N.C. District.] † D 103.47: R 59/2
- 9696 — Upper Flint River, Mud and Jester Creeks, metropolitan Atlanta, Ga. Jan. 1969. cover title, iv+48+[3] p. il. 26 pl. 4° [Prepared for Atlanta Region Metropolitan Planning Commission, by Corps of Engineers, U.S. Army, Mobile, Ala. District.] † D 103.47: At 6/2
- 9697 — Vicinity of Jackson, Miss., Cany Creek. Feb. 1969. cover title, iii+31+[3] p. il. 11 pl. 4° [Prepared for Jackson City Planning Board by Corps of Engineers, U.S. Army, Mobile, Alabama, District.] † D 103.47: J 12/2
- 9698 — Vicinity of Jackson, Miss., Purple Creek. June 1968. cover title, iii+31+[3] p. il. 10 pl. 4° [Prepared for Jackson City Planning Board by Corps of Engineers, U.S. Army, Mobile, Alabama, District.] † D 103.47: J 12/3
- 9699 — Walnut River, Whitewater River, Kans. Apr. 1968. cover title, a-c+ii+59 p. il. 38 pl. 4° [Prepared for Kansas Water Resources Board by Corps of Engineers, Army, Tulsa District.] † D 103.47: W 58
- 9700 — Wilson Creek and tributaries, Springfield, Mo., pt. 1. Nov. 1968. cover title, [3]+ii+37+[3] p. il. 26 pl. 4° [Prepared for City of Springfield by Corps of Engineers, Army, Little Rock, Ark. District.] † D 103.47: Sp 8
- 9701 Flood plain information on tidal lands of Cape May County, N.J. June 1968. [6]+ii+69+[1] p. il. 11 pl. 4° [Prepared for Cape May County Planning Board and New Jersey Department of Conservation and Economic Development by Corps of Engineers, Army, Philadelphia, Pa., District.] † D 103.47: C 17
- 9702 Floods in Arkansas City, Kans., Walnut River, how to avoid damage. Apr. 1968. [2] p. il. f°, folded into narrow 8° size. [Prepared from data in Flood plain information, Walnut River, Whitewater River, Kans.] † D 103.47/2: Ar 4
- 9703 Floods in Augusta, Kans., Walnut River, how to avoid damage. Apr. 1968. [2] p. il. f° folded into narrow 8° size. [Prepared from data in Flood plain information, Walnut River, Whitewater River, Kans. One illustration is colored.] † D 103.47/2: Au 4
- 9704 Floods in Hamden, Conn., how to avoid damage. Mar. 1968. [2] p. il. f° folded into narrow 8° size. [Prepared from data in Flood plain information, Mill River in Hamden, Conn.] † D 103.47/2: H 17
- 9705 Floods in McCracken County, Ky., how to avoid damage. Apr. 1968. [2] p. il. f° folded into narrow 8° size. [Prepared from data in Flood plain information, Ohio River and tributaries, McCracken County, Ky. One illustration is colored.] † D 103.47/2: M 13
- 9706 Floods in North Little Rock, Ark., how to avoid damage. June 1968. [2] p. il. f°, folded into narrow 8° size. [Prepared from data in Flood plain information, Arkansas River, North Little Rock, Ark.] † D 103.47/2: N 81 1
- 9707 Floods in Orofino and Riverside, Idaho. [1968.] [2] p. il. f° folded into narrow 8° size. † D 103.47/2: Or 6
- 9708 Floods in Pueblo, Colo., Goodnight Arroyo, Dry Creek & Wild Horse-Dry Creek, how to avoid damage. Apr. 1969. [2] p. il. oblong f°, folded into narrow 8° size. [Prepared from data in Flood plain information, Goodnight Arroyo, Dry Creek, and Wild Horse-Dry Creek, Pueblo, Colo.] † D 103.47/2: P 96

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Commerce, Springfield, Va. 22151

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- 9709 Floods in Winfield, Kans., Walnut River, how to avoid damage. Apr. 1968. [2] p. il. f° folded into narrow 8° size. [Prepared from data in Flood plain information, Walnut River, Whitewater River, Kans.] †  
D 103.47/2: W 72
- 9710 Ohio River and tributaries, small boat harbors, ramps, landings, etc. July 1968. cover title, [63] leaves, oblong 12° (Army Engineer Division, Ohio River, Office of Division Engineer, Cincinnati, Ohio.) † Paper, 50c. L.C. card 56-62208  
D 103.2: Oh 3/5/968
- 9711 Ohio River and tributaries, small boat harbors, ramps, landings, etc. Apr. 1969. cover title, [1]+x+75 leaves, oblong 8° (Army Engineer Division, Ohio River, Office of Division Engineer, Cincinnati, Ohio.) † Paper, 50c. L.C. card 56-62208  
D 103.2: Oh 3/5/969
- 9712 River terminals, Ohio River and tributaries. July 1968. cover title, [72] leaves, oblong 12° (Army Engineer Division, Ohio River, Office of Division Engineer, Cincinnati, Ohio.) † Paper, 50c. L.C. card 57-23859  
D 103.2: Oh 3/4/968
- 9713 River terminals, Ohio River and tributaries, Apr. 1969. cover title, [1]+ii+72 leaves, oblong 8° (Army Engineer Division, Ohio River, Office of Division Engineer, Cincinnati, Ohio.) † Paper, 50c. L.C. card 57-23859  
D 103.2: Oh 3/4/969
- 9714 Water resources development by Army Corps of Engineers in Tennessee. Jan. 1969. [2]+[iv]+a-b+51 p. il. 1 map 4° [Prepared by Division Engineer, U.S. Army Engineer Division, Ohio River, Corps of Engineers, Cincinnati, Ohio. Some illustrations are colored.] ‡  
D 103.35: T 25
- 9715 Water resources development by Army Corps of Engineers in Washington. Jan. 1969. [2] leaves+ii+100 p. il. 1 map 4° †  
D 103.35: W 27
- 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: Technical reports. D 103.24/2: H-(nos.)
- 9716 II-68-1. Prototype measurements of hydropower plant transients, Garrison and Oahe Dams, Missouri River, North and South Dakota, errata sheet. Vicksburg, Miss., May 20, 1969. 1 p. 4° †
- 9717 II-69-5. Filling and emptying system, Dardanelle Lock, Arkansas River, hydraulic model investigation: by J. H. Ables, jr., M. B. Boyd, Army-MRC Vicksburg, Miss., Apr. 1969. ix+11+[13] p. il. 24 pl. 13 tab. 4° [Sponsored by U.S. Army Engineer District, Little Rock, Ark.]

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

- 9718 Acoustic-gravity waves in atmosphere, symposium proceedings, sponsored by Environmental Science Services Administration and Advanced Research Projects Agency, Boulder, Colo. July 15-17, 1968 [with bibliographies]; edited by T. M. Georges. [1968.] ix+437 p. il. 4° \* Paper, \$3.75. ● Item 208-B-1  
L.C. card 77-602355  
C 52.2: Ac 7
- Climatology of United States no. 21 (series), Climatic summaries of resort areas. (Environmental Data Service.)
- 9719 44-1. Shenandoah National Park, Va.; [by M. H. Bailey]. May 1969. [4] p. il. 4° \* Paper, 10c. ● Item 237-B  
C 30.71/6: 44-1
- ESSA technical report. (ESSA Research Laboratories; Atmospheric Physics & Chemistry Laboratory, Boulder, Colo.). ● Item 208-B-7  
C 52.15: (letters-nos.)
- 9720 ERL 103-APCL 5. Electrification processes in warm rain clouds [with list of references; by] Lothar H. Ruhnke. Feb. 1969. x+97+[4] p. il. 4° \* Paper, \$1.00.
- 9721 ERL 105-APCL 6. Silanes as cloud stabilizers [with list of references; by] Charles C. Van Valin, Paul A. Allee. Apr. 1969. iv+19 p. il. 4° \* Paper, 30c.

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ESSA technical report. (ESSA Research Laboratories; Institute for Telecommunications Laboratory, Boulder, Colo.) ● Item 208-B-7

- 9722 ERL 65-ITS 58-2. Tabulations of propagation data over irregular terrain in 230-to 9200-MHz frequently range, pt. 2: Fritz Peak Receiver Site [with list of references]; by P. L. McQuate [and others]. Dec. 1968. iv+186 p. il. 4° \* Paper, \$150.  
C 52.15: ERL 65-ITS 58-2

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

- C 52.15: (letters-nos.)  
9723 ERL 104-ITS 74. Power gains for antennas over lossy plane ground [with list of references; by] M. T. Ma, L. C. Walters. Apr. 1969. iii+68 p. il. 4° \* Paper, 65c.  
9724 ERL 108-ITS 76. Technique for improving accuracy of air-to-ground radio distance measurement systems [with list of references; by] L. E. Wood, M. C. Thompson, jr. iii+80 p. il. 4° \* Paper, 40c.

ESSA technical report. (ESSA Research Laboratory; Space Disturbances Laboratory, Boulder, Colo.)

- 9725 ERL-95-SDL 7. Contribution of X-ray and extreme ultraviolet radiation of solar flares to sudden frequency deviations [with list of references; by] R. F. Donnelly. Feb. 1969. v+42 p. il. 4° \* Paper, 50c. ● Item 208-B-7 C 52.15: ERL 95-SDL 7

ESSA technical report. (ESSA Research Laboratories; Wave Propagation Laboratory, Boulder, Colo.)

- 9726 ERL 106-WPL 6. Measurements of laser beam spread and curvature over near-horizontal atmospheric paths [with list of references; by] G. R. Ochs and R. S. Lawrence. Feb. 1969. iii+17 p. il. 4° \* Paper, 30c. ● Item 208-B-7 C 52.15: ERL 106-WPL 6

ESSA technical report. (National Environmental Satellite Center).

- 9727 NESC-50. Estimating maximum wind speed of tropical storms from high resolution infrared data [with list of references; by] L. F. Hubert, A. Timchuk, and S. Fritz. May 1969. iv+33 p. il. 4° †  
C 52.15: NESC 50  
9728 Floods and flood warnings. [1969.] [6] p. il. large 8° ([ESSA/PI 660025.]) † C 52.2: F 65/969  
9729 Hurricane information and Atlantic tracking chart. [1969.] [8] p. il. 4° ([ESSA/PI 680006.]) † ● Item 208-B-1 C 52.2: H 94/2/969  
9730 Pilot's guide to aviation weather services. [1969.] [18] p. il. narrow 8° (ESSA/PI 680020.) † ● Item 208-B-2 C 52.8: Av 5  
9731 Weather Bureau marine weather services. [1969.] [6] p. il. narrow 8° ([ESSA/PI 680033.]) † ● Item 208-B-1 C 52.2: M 33/2

### EQUAL EMPLOYMENT OPPORTUNITY COMMISSION Washington, DC 20506

- 9732 3d annual report [fiscal year 1968]. [1969.] cover title, [2]+61 p. il. oblong 12° [Text on p. 2 and 3 of cover. Also issued as H. doc. 107, 91st Cong., 1st sess.] \* Paper, 60c. ● Item 1059-A-1  
L.C. card 67-61474 Y 3.Eq 2: 1/968

### FARM CREDIT ADMINISTRATION Washington, DC 20578

- 9733 35th annual report of Farm Credit Administration, 1967-68, cooperative farm credit system. 1969. cover title, x+116 p. il. [Also issued as H. doc. 18, 91st Cong., 1st sess.] \* Paper, 70c. ● Item 430-J-1  
L.C. card 34-26507 FCA 1.1: 968

### FARMERS HOME ADMINISTRATION, Agriculture Dept. Washington, DC 20250

- 9734 Career with Farmers Home Administration in building a new rural America. [Revised June 1969.] [1969.] cover title, [16] p. il. oblong 8° †  
● Item 68 A 84.2: C 18/969

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Commerce, Springfield, Va. 22151

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# GOVERNMENT PUBLICATIONS

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

- 9735 Airport capacity criteria used in long-range planning [with bibliography]. Apr. 7, 1969. cover title, [36] p. il. 4° ([Advisory circular] AC 150/5060-3.) [Issued with perforations.] † Department of Transportation, Distribution Unit, TAD-484.3, Washington, DC 20590. ● Item 431-C-4 TD 4.8: Ai 7/13

Bibliographic list. (Office of Headquarters Operations, Library Services Division.)

- 9736 16. Equal employment opportunity, selected references; [compiled by Dorothy J. Poehlman]. Oct. 1968. cover title, [1]+1+7 p. 4° [Includes, on p. 2 of cover, lists previously published in this series.] \* Paper, \$3.00. TD 4.17/3: 16

- 9737 Enroute IFR air traffic survey, peak day, fiscal year 1968; [compiled by Publication and Service Branch (MS-220)], Office of Management Services. [1969.] cover title, xi+196 p.+[2] leaves, il. 1 pl. 4° † ● Item 431-D-4 L.C. card 79-602393 TD 4.19/3: 968

- 9738 Facility operation handbook, Change 9; [Mar. 20, 1969]. [1969.] [80] p. 4° (7230-1 Chg. 9.) [Effective July 1, 1969; cancellation date Oct. 1, 1969. Issued in looseleaf form.] † ● Item 431-D-1 FAA 3.8: F 11/967/ch.9

- 9739 Fallout shelters in terminal buildings [with list of references]. Apr. 1, 1969. [1969.] cover title, 2+ii+29 p. il. 4° ([Advisory circular] AC 150/5355-2.) [Cancels Airport engineering data sheet, item 36, Airport terminal building fallout shelter, Oct. 1961. Issued with perforations.] † ● Item 431-C-4 TD 4.8: F 19

Federal aviation regulations. [Issued in looseleaf form.] ● Item 431-C-13 TD 4.6: (nos.)

- 9740 pt. 29. Airworthiness standards: Transport category rotorcraft. [1969.] [246] p. 4° [Reissue of pt. 29 with Changes 1-4 attached at back of part.] \* Paper, \$2.00.

- 9741 pt. 61. Certification: Pilots and flight instructors. [1969.] cover title, [121] p. il. 4° [Consolidated reprint incorporating Changes 1-29.] \* Paper, \$1.25.

- 9742 pt. 123. Certification and operations: Air travel clubs using large airplanes, Change 1 [effective] May 22, 1969. [1969.] [6] p. 4° [Incorporates amendment 123-1.] †

- 9743 A flight to grandmother's. [1969.] cover title, 40+[1] p. il. oblong 24° [Adapted from color filmstrip with sound.] † (GA-20-64) TD 4.2: F 64/2

- 9744 Forming and operating a flying club; [compiled by Aviation Education Staff, Office of General Aviation Affairs]. May 1969. cover title, v+60 p. il. ([Advisory circular.] AC00-25.) \* Paper, 35c. ● Item 431-C-4 L.C. card 79-602350 TD 4.8: F 67

Handbooks. ● Item 431-C-4

TD 4.8/2: (nos.)

- 9745 1200.2. Public availability of information. Apr. 7, 1969. cover title, [3]+24+21 p. 4° [Issued in looseleaf form. Cancels Handbook OA P 1200.2 and Order 1210.10. Text on p. 2 of cover.] †

- 9746 7330.7B. Service C weather schedules. May 15, 1969. cover title, ii+34 p. 2 pl. 4° [Effective date May 15, 1969. Cancels 7330.7A. Issued in looseleaf form.] †

- 9747 Summary of airworthiness directives for large aircraft [revised pages]. Jan. 1, 1969. [232] p. 4° (Federal aviation regulations, pt. 39, v. 2.) \* Paper, \$6.00 (including basic manual and supplementary material for an indefinite period); \$1.25 additional for foreign mailing. ● Item 431-A-15 TD 4.10/3: 967/rev. pages-5

- 9748 Summary of airworthiness directives for small aircraft [revised pages]. Jan. 1, 1969. [132] p. 4° (Federal aviation regulations, pt. 39, v. 1.) [Issued in looseleaf form.] \* Paper, \$6.00 (including basic manual and supplementary material for an indefinite period); \$1.25 additional for foreign mailing. ● Item 431-A-15 TD 4.10/2: 967/rev. pages-5

\*For Sale by Superintendent of Documents

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**FEDERAL COMMUNICATIONS COMMISSION**  
Washington, DC 20554

- 9749 Rules and regulations: v. 10; Feb. 1969. [1969.] cover title, 107 p. 4° [Issued in looseleaf form. Supersedes Jan. 1961 edition.] \* Paper, \$2.00 (including basic volume and supplementary material for an indefinite period); 50c. additional for foreign mailing. ● Item 287  
CC 1.6/10: 969

Includes—pt. 41, Telegraph and telephone franks—pt. 42, Preservation of records of communication common carriers—pt. 43, Reports of communication common carriers and certain affiliates—pt. 51, Occupational classification and compensation of employees of telephone companies—pt. 52, Classification of wire-telegraph employees—pt. 61, Tariffs—pt. 62, Applications to hold interlocking directorates—pt. 63, Extension of lines and discontinuance of service carriers—pt. 64, Miscellaneous rules relating to common carriers—pt. 66, Applications relating to consolidation, acquisition, or control of telephone companies—pt. 67, Jurisdictional separations.  
L.C. card 60-61384

- 9750 Statistics of communications common carriers, year ended Dec. 31, 1967. [1969.] viii+205 p. il. \* Paper, \$1.00. ● Item 288  
L.C. card 41-50610  
CC 1.35: 967

**FEDERAL CREDIT UNIONS BUREAU, Health, Education, and Welfare**  
Dept., Washington, DC 20201

- 9751 Accounting manual for Federal credit unions. May 1969. iii+232 p. il. 4° (FCU 544.) [Issued with perforations.] \* Paper, \$2.25. ● Item 526-B  
L.C. card 63-60294  
FS 3.306/2: Ac 2/969
- 9752 Bureau of Federal Credit Unions. [1969.] cover title, [16] p. il. ([FCU 602 revised.]) † ● Item 526  
FS 3.302: F 31/4
- 9753 Federal credit union bylaws, Aug. 1968. [1969.] [2] leaves+21 p. 4° (FCU 535.) [Issued with perforations.] \* Paper, 35c. ● Item 526  
FS 3.302: B 99/968
- 9754 Regular reserves of Federal credit unions. Sept. 1968 [published 1969]. xv+269 p. il. \* Paper, \$1.75. ● Item 526  
L.C. card 70-602302  
FS 3.302: R 31

**FEDERAL DEPOSIT INSURANCE CORPORATION**  
Washington, DC 20429

- 9755 Changes among operating banks and branches, Dec. 31, 1967-Dec. 31, 1968. [1969.] [2]+xxii+121 p. oblong 12° †  
L.C. card 67-62215  
Y 3.F 31/8: 2 B 22/6/967-68
- 9756 Operating banking offices as of Jan. 1, 1969. [1969.] iv+552 p. 4° [Contains listing of all operating banking offices in United States and in Virgin Islands, Puerto Rico, American Samoa, Panama Canal Zone, Guam, and other Pacific islands.] †  
L.C. card 49-46567  
Y 3.F 31/8: 18/969
- Report of call.
- 9757 86. Assets, liabilities, and capital accounts, commercial and mutual savings banks, Dec. 31, 1968. [Apr. 1969.] cover title, 42 p. oblong 8° [Call no. 85, Oct. 30, 1968, not tabulated for all banks.] †  
Y 3.F 31/8: 9/86

**Summary of accounts and deposits in all commercial banks, June 29, 1968.**  
[1969.] †

- |      |   |                         |
|------|---|-------------------------|
| 9758 | Atlanta district. cover title, vi+210+[1] p. 4° | Y 3.F 31/8: 20 At 6/968 |
| 9759 | Boston district. cover title, vi+226 p. 4°      | Y 3.F 31/8: 20 B 65/968 |
| 9760 | Chicago district. cover title, vi+170 p. 4°     | Y 3.F 31/8: 20 C 43/968 |
| 9761 | Columbus district. cover title, vi+223 p. 4°    | Y 3.F 31/8: 20 C 72/968 |
| 9762 | Dallas district. cover title, vi+326 p. 4°      | Y 3.F 31/8: 20 D 16/968 |
| 9763 | Kansas City district. cover title, vi+121 p. 4° | Y 3.F 31/8: 20 K 13/968 |
| 9764 | Madison district. cover title, vi+169 p. 4°     | Y 3.F 31/8: 20 M 26/968 |
| 9765 | Memphis district. cover title, vi+242 p. 4°     | Y 3.F 31/8: 20 M 51/968 |
| 9766 | Minneapolis district. cover title, vi+176 p. 4° | Y 3.F 31/8: 20 M 66/968 |

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## GOVERNMENT PUBLICATIONS

### Summary of accounts and deposits in all commercial banks—Continued

- 9767 National summary. cover title, vi+369 p. 4° Y 3.F 31/8: 20 N 21/968  
 9768 New York district. cover title, vi+149 p. 4° Y 3.F 31/8: 20 N 42/968  
 9769 Philadelphia district. cover title, vi+117 p. 4° Y 3.F 31/8: 20 P 53/968  
 9770 Richmond district. cover title, vi+246 p. 4° Y 3.F 31/8: 20 R 41/968  
 9771 San Francisco district. cover title, vi+333 p. 4° Y 3.F 31/8: 20 Sa 5f/968  
 9772 St. Louis district. cover title, vi+124 p. 4° Y 3.F 31/8: 20 Sa 2l/968
- 9773 Summary of accounts and deposits in all mutual savings banks, June 29, 1968. [1969.] vi+250 p. 4° † Y 3.F 31/8: 21/968

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

- 9774 Reference guide outline specifications for aerial surveys and mapping by photogrammetric methods for highways; prepared by Photogrammetry for Highways Committee of American Society of Photogrammetry. Revised 1968. [1969.] vii+109 p. il. 4° [Text on p. 2 of cover.] \* Paper, \$1.25. ● Item 982-G-2  
 L.C. card 73-602397 TD 2.8: Ae 8

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

- 9775 Federal Savings and Loan Insurance Corporation, financial statements, Mar. 31, 1969. [1969.] [6] p. narrow 8° † FHL 1.2: F 31/2/969
- 9776 Program for housing growth [address] by Preston Martin, Chairman of Board, Federal Home Loan Bank Board, Washington, D.C., at 1969 annual meeting of National Society of Controllers and Financial Officers of Savings Institutions, Miami Beach, Fla., May 19, 1969. [1969.] 13 p. 4° † FHL 1.23: M 36/3
- 9777 Real estate foreclosure report. [Quarterly. Replaces Nonfarm real estate foreclosure report, FHL 1.8.(date).] † FHL 1.8/2: (date)  
 1st qtr. 1969—

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

- 9778 Area trends, supplement to FHA trends, sec. 203, Home mortgages insured by FHA, 4th quarter, 1968. [May 14, 1969.] 8 p. 4° (RR: 250-M; Division of Research and Statistics, Statistics Section.) [Issued with perforations.] † HH 2.24/3: 968/2
- 9779 State trends, supplement to FHA trends, sec. 203, Home mortgages insured by FHA, 4th quarter, 1968. [May 13, 1969.] 8 p. 4° (RR: 250-S; Division of Research and Statistics, Statistics Section.) [Issued with perforations.] † HH 2.24/2: 968/2

### FEDERAL MEDIATION AND CONCILIATION SERVICE Washington, DC 20427

- 9780 Securing labor-management peace through mediation. [1969.] [6] p. narrow 8° † ● Item 434 FM 1.2: L 11/5

### FEDERAL POWER COMMISSION Washington, DC 20426

#### FPCR (series).

- 9781 72. Typical electric bills, typical net monthly bills as of Jan. 1, 1968 for residential, commercial, and industrial services: [prepared by Bureau of Power]. [1969.] xxiii+140 p. il. 4° \* Paper, \$1.25. ● Item 438-A FP 1.10: 72  
 L.C. card 59-64187
- 9782 Major natural gas pipelines, as of Dec. 31, 1968 [colored map]. Scale 1.8 in.=300 mi. 1969. 13x19 in. (FPC M-85.) \* Paper, 15c.  
 L.C. card map 55-498 FP 1.13: G 21/2/968-2

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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.

- 9783 California. Apr. 1969. [2] + 31 p. 4° [Supersedes issue of May 1968.] \* Paper, 25c. ● Item 437-A-4 FP 1.18: C 12/969
- 9784 Florida. Apr. 1969. [2] + 20 p. 4° [Supersedes issue of May 1968.] \* Paper, 25c. ● Item 437-A-8 FP 1.18: F 68/969
- 9785 Illinois. Apr. 1969. [2] + 31 p. 4° [Supersedes issue June 1968.] \* Paper, 25c. ● Item 437-A-11 FP 1.18: I 6/969
- 9786 Iowa. May 1969. [2] + 26 p. 4° [Supersedes issue of June 1968.] \* Paper, 25c. ● Item 437-A-13 FP 1.18: I 9/969
- 9787 New York. Apr. 1969. [2] + 21 p. 4° [Supersedes issue of Apr. 1968.] \* Paper, 25c. ● Item 437-A-30 FP 1.18: N 42 y/969
- 9788 Pennsylvania. Apr. 1969. [2] + 31 p. 4° [Supersedes issue of June 1968.] \* Paper, 25c. ● Item 437-A-36 FP 1.18: P 38/969
- 9789 Principal natural gas pipelines in United States, 1968; [map]. Scale: 1 in.=55 mi. 1969. 44x57 in. (M-83.) \* Paper, \$1.75. FP 1.13: G 21/968

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

Railroad accident investigation reports. † TD 3.10: (nos.)

- 9790 4136. Missouri Pacific Railroad Company, Norfolk, Ark., Oct. 29, 1967. [1969.] [2] + 5 + [1] p. il.
- 9791 4137. Long Island Rail Road Company, Hightsville, N.Y., Oct. 18, 1967. [1969.] [2] + 8 + [5] p. il.
- 9792 4139. Louisiana & Arkansas Railway Company, Essen, La. Dec. 8, 1967. [1969.] [2] + 9 + [1] p. il.
- 9793 4140. Texas and Pacific Railway Company, Tye, Tex., Dec. 27, 1967. [1969.] [2] + 10 + [1] p. il.
- 9794 4141. New York Central Railroad Company, Cold Springs, Ohio, Jan. 8, 1968. [1969.] [3] + 7 + [3] p. il.
- 9795 4142. Union Pacific Railroad Company, Wamego, Kans., Dec. 21, 1967. [1969.] [1] + 10 + [1] p. il.
- 9796 4143. Louisville and Nashville Railroad Company, Casky, Ky., Jan. 29, 1968. [1969.] [3] + 6 + [1] p. il.

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

Code of Federal regulations and Cumulative pocket supplements.

NOTE.—For the convenience of those who maintain complete sets of the Code of Federal regulations, arrangements have been made to supply pocket supplements as of Jan. 1, 1969 and any completely revised volumes issued in 1969 on a subscription basis at \$150.00 a year, \$40.00 additional for foreign mailing. The revised volumes and supplements will be mailed as printed and all subscribers will receive expiration notices in ample time to renew their subscriptions, thus avoiding loss of continuity. The Superintendent of Documents will continue to make available the revised volumes and individual supplements for those who do not maintain complete sets.

- 9797 Code of Federal regulations: Title 7 [Agriculture], pts. 750-899, revised as of Jan. 1, 1969. [1969.] vi+433 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.75. ● Item 572  
L.C. card 49-46198 GS 4.108: 7/pt.750-899/969
- 9798 — Title 7 [Agriculture], pts. 1030-59 [Milk orders, East North Central region], revised as of Jan. 1, 1969. [1969.] vi+296 p. il. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.25. ● Item 572  
L.C. card 49-46198 GS 4.108: 7/pt.1030-1059/969
- 9799 — Title 7 [Agriculture], pt. 1200-1499, revised as of Jan. 1, 1969. [1969.] vi+598 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$2.50. ● Item 572  
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- 9800 Code of Federal regulations: Title 8 [Aliens and nationality], revised as of Jan. 1, 1969. [1969.] vi+219 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.00. ● Item 572  
L.C. card 49-46198 GS 4.108: 8/969
- 9801 — Title 15 [Commerce and foreign trade], revised as of Jan. 1, 1969. [1969.] vi+502 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$2.00. ● Item 572  
L.C. card 49-46198 GS 4.108: 15/969
- 9802 — Title 18 [Conservation of power and water resources], revised as of Jan. 1, 1969. [1969.] vi+969 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$4.00. ● Item 572  
L.C. card 49-46198 GS 4.108: 18/969
- 9803 — Title 21 [Food and drugs], pts. 120-129, revised as of Jan. 1, 1969. [1969.] vi+442 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.75. ● Item 572  
L.C. card 49-46198 GS 4.108: 21/pt.120-129/969
- 9804 — Title 23 [Highways], revised as of Jan. 1, 1969. [1969.] vi+52 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969 with ancillaries.] \* Paper, 35c. ● Item 572  
L.C. card 49-46198 GS 4.108: 23/969
- 9805 — Title 25 [Indians], revised as of Jan. 1, 1969. [1969.] vi+464 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969 with ancillaries.] \* Paper, \$1.75. ● Item 572  
L.C. card 49-46198 GS 4.108: 25/969
- 9806 — Title 26 [Internal revenue], pt. 1 (sec. 1. 1.0-1 to 1.300), revised as of Jan. 1, 1969. [1969.] vi+691 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969 with ancillaries.] \* Paper, \$3.00. ● Item 572  
L.C. card 49-46198 GS 4.108: 26/pt.1(sec.1.0-1 to 1.300)/969
- 9807 — Title 26 [Internal revenue], pt. 1 (sec. 1. 301-1.400), revised as of Jan. 1, 1969. vi+258 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969 with ancillaries.] \* Paper, \$1.00. ● Item 572  
L.C. card 49-46198 GS 4.108: 26/pt.1(sec.1.301-1.400)/969
- 9808 — Title 26 [Internal revenue], pt. 1 (sec. 1.501-1.640), revised as of Jan. 1, 1969. [1969.] vi+307 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969 with ancillaries.] \* Paper, \$1.25. ● Item 572  
L.C. card 49-46198 GS 4.108: 26/pt.1(sec.1.501-1.640)/969
- 9809 — Title 26 [Internal revenue], pt. 600 to end, revised as of Jan. 1, 1969. [1969.] vi+146 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, 65c. ● Item 572  
L.C. card 49-46198 GS 4.108: 26/pt.600-end/969
- 9810 — Title 29 [Labor] pts. 500-899, revised as of Jan. 1, 1969. [1969.] vi+695 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969 with ancillaries.] \* Paper, \$3.00. ● Item 572  
L.C. card 49-46198 GS 4.108: 29/pt.500-899/969
- 9811 — Title 29 [Labor], pt. 900 to end, revised as of Jan. 1, 1969. [1969.] vi+317 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.25. ● Item 572  
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# JULY 1969

- 9812 — Title 32 [National defense], pts. 40-399, revised as of Jan. 1, 1969. [1969.] vi+613 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$2.25. ● Item 572  
L.C. card 49-46198 GS 4.108: 32/pt.40-399/969
- 9813 — Title 32 [National defense] pts. 800-999, revised as Jan. 1, 1969. [1969.] vi+515 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969 with ancillaries.] \* Paper, \$2.00. ● Item 572  
L.C. card 49-46198 GS 4.108: 32/pt.800-999/969
- 9814 — Title 32 [National defense], pts. 1000-1199, revised as of Jan. 1, 1969. [1969.] vi+363 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.50. ● Item 572  
L.C. card 49-46198 GS 4.108: 32/pt.1000-1199/969
- 9815 — Title 36 [Parks, forests, and memorials], revised as of Jan. 1, 1969. [1969.] vi+302 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.25. ● Item 572  
L.C. card 49-46198 GS 4.108: 36/969
- 9816 — Title 38 [Pensions, bonuses, and veteran's relief], revised as of Jan. 1, 1969. [1969.] vi+825 p. il. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$3.50. ● Item 572  
L.C. card 49-46198 GS 4.108: 38/969
- 9817 — Title 43 [Public lands, Interior], pts. 1-999, revised as of Jan. 1, 1969. [1969.] vi+332 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.25. ● Item 572  
L.C. card 49-46198 GS 4.108: 43/pt.1-999/969
- 9818 — Title 47 [Telecommunications] pts. 20-69, revised as Jan. 1, 1969. [1969.] vi+567 p. il. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$2.00. ● Item 572  
L.C. card 49-46198 GS 4.108: 47/pt.20-69/969
- 9819 — Title 49 [Transportation], pts. 1000-1199, revised as of Jan. 1, 1969. [1969.] vi+283 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.25. ● Item 572  
L.C. card 49-46198 GS 4.108: 49/pt.1000-1199/969
- 9820 — Title 49 [Transportation], pts. 1300 to end, revised as of Jan. 1, 1969. [1969.] vi+266 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.00. ● Item 572  
L.C. card 49-46198 GS 4.108: 49/pt.1300-end/969
- 9821 Principal officials in executive branch appointed Jan. 20-June 1, 1969. [1969.] [2]+28 p. narrow 8° [Supplement 4 to U.S. Government organization manual.] \* Paper, 20c. ● Item 577  
L.C. card 35-26025 GS 4.109: 968/supp.4

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

- 9822 55th annual report, Board of Governors of Federal Reserve System, covering operations for calendar year 1968. [1969.] [8]+455 p. il. †  
L.C. card 15-26170 FR 1.1: 968

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# GOVERNMENT PUBLICATIONS

- 9823 Export expansion, export financing and U.S. balance of payments, paper presented by Andrew F. Brimmer, Member, Board of Governors of Federal Reserve System at 47th annual meeting of Bankers' Association for Foreign Trade, Boca Raton, Fla., May 21, 1969. 1969. [1]+26+[2] p. 4° †  
FR 1.23: B 77/43
- 9824 [Temper tantrums], remarks of J. L. Robertson, Vice Chairman of the Board of Governors of Federal Reserve System at meeting of Omaha and Lincoln Bankers and Members of Boards of Directors of Federal Reserve Bank of Kansas City and its Omaha branch, Omaha, Nebr., May 22, 1969. 1969. [1]+7 p. 4° †  
FR 1.23: R 54/36
- 9825 U.S. dollar at home and abroad, remarks of Wm. McC. Martin, jr., Chairman, Board of Governors of Federal Reserve System, before 77th general meeting of American Iron and Steel Institute, New York City, May 22, 1969. 1969. [1]+16 leaves, 4° †  
FR 1.23: M 36/31
- 9826 Weekly summary of banking and credit measures. (Federal reserve statistical release H. 9.) †  
Apr. 17, 1969—  
FR 1.52:(date)

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

- 9827 Federal specifications. ● Item 563 GS 2.8

NOTE.—These specifications are now so completely covered by the Index of Federal specifications, standards, and handbooks with cumulative monthly supplements, that listing in the Monthly Catalog of United States Government Publications represents unnecessary and wasteful duplication of effort. For that reason they will no longer be listed.

—Complete information on the Index of Federal Specifications will be found in the June 1969 issue under Entry number 8260.

Federal standards. Issued with perforations. ● Item 563 GS 2.3/3:(nos.)

NOTE.—Federal standards may be purchased from the General Services Administration, Specifications Activity, Special Programs Division, Building 197, Naval Weapons Plant, Washington, DC 20407. All checks and money orders should be made payable to the Treasurer of the United States. Single copies are available without charge at the nearest GSA regional office.

- 9828 50F. Fan, circulating, bracket and fan, circulating, desk (rigid blades); Feb. 17, 1969. 1969. 1 p. 4° (FSC 4140.) [W-F-101, issue in effect. Supersedes Fed. Std. 50e, Aug. 27, 1964.] † Paper, 5c.
- 9829 184A. Identification marking of aluminum, magnesium, and titanium; Change notice 1. Mar. 1, 1969. [4] p. 4° †
- 9830 244. Office furniture, executive type, wood and metal. Mar. 18, 1969. 3 p. 4° (FSC 7110.) [AA-0-00151, AA-0-00219, AA-0-00220, AA-0-00222, and AA-0-00245, issue in effect.] †

## FEDERAL TRADE COMMISSION Washington, DC 20580

Consumer bulletin.

- 9831 3. Advice for amateurs who expect to breed chinchillas for profit. [1969.] [1] +5 p. \* Paper, 10c. ● Item 533-A  
FT 1.3/2:3

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

Cost of clean water and its economic impact, 1969. Jan. 10, 1969. ● Item 473-A-2  
I 67.1/2: 969/v.(nos.)

- 9832 v. 1. Report [with list of references cited]. xiv+220 p. ll. 4° \* Paper, \$1.75.  
L.C. card 76-601678
- 9833 v. 2. Appendix. v+541 p. ll. 4° \* Paper, \$4.75.  
L.C. card 76-601678
- 9834 v. 3. Sewerage charges. viii+103 p. ll. 4° \* Paper, \$1.00.  
L.C. card 76-601678

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



- 9835 National estuarine inventory, handbook of descriptors; prepared by T. A. Wastler and L. C. de Guerrero. June 1968, revised Sept. 1968. [1968.] [2]+iv+77+[2]+A22 p. il. 4° (Division of Technical Services, Office of Technical Services, Office of Estuarine Studies.) †  
I 67.8: Es 8/968-2

- 9836 Progress evaluation meeting, pollution of Lake Erie and its tributaries, Indiana, Michigan, New York, Ohio, Pennsylvania, June 4, 1968, Cleveland, Ohio, proceedings. [1969.] cover title, [831] p. il. 1 pl. 4° †  
● Item 473-A-1 I 67.2: Er 4/968-3

- 9837 Tracer measurement of stream reaeration [with bibliography]; by E. C. Tsvoglou. June 1967. v+86 p. il. 4/ †  
L.C. card 79-602184 I 67.2: St 8

Water pollution control research series, WP-20.

- 9838 15. Water pollution aspects of urban runoff, final report on causes and remedies of water pollution from surface drainage of urban areas-research project no. 120 [with lists of references]; by American Public Works Association. Jan. 1969. [1]+v+272+[2] p. il. (Contract WA 66-23.) † ● Item 473-A-1  
L.C. card 73-602216 I 67.13/3: 15

- 9839 Water pollution problems and improvement needs, Lake Ontario and St. Lawrence River Basins [with list of references]. June 1968. [1]+iii+125 p. il. 4° (Great Lakes Region, Chicago, Ill.) [Prepared in cooperation with New York State Department of Health, Division of Pure Waters, Albany, N.Y.] †  
L.C. card 70-602195 I 67.2: On 8/2

- 9840 Water quality standards, better water for America; [prepared by Office of Public Information]. [Jan. 1969.] [8] p. il. narrow 8° ([CWA-13.1]) †  
I 67.2: W 29/6

**FOREIGN AGRICULTURAL SERVICE, Agriculture Dept.**  
Washington, DC 20250

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

- 9841 146. Nontariff barriers to movement of tobacco in free world countries; [by Albert B. Davis and Charles J. O'Mara]. Revised May 1969. [1969.] cover title, [2]+L7 p. il. 4° [Revises FAS M-146, May 1963.] † A 87.26: 146/2

**FOREIGN SCHOLARSHIPS BOARD**  
Operations Staff, c/o Bureau of Educational and Cultural Affairs, Department of State Building, Washington, DC 20520

- 9842 22d year toward mutual understanding, report on academic exchanges, Board of Foreign Scholarships, 6th annual report. Oct. 1968. cover title, x+38 p. [Text on p. 2-3 of cover.] †  
L.C. card 66-62542 Y 3.F 76/4: 1/968

**FOREIGN-TRADE ZONES BOARD**  
Washington, DC 20230

- 9843 30th annual report of Foreign-Trade Zones Board to Congress, for fiscal year ended June 30, 1968. Dec. 1968. iv+59 p. il. [Text on p. 2 of cover.] \* Paper, 35c. ● Item 542  
L.C. card 40-26400 FTZ 1.1: 968

**FOREST SERVICE, Agriculture Dept.**  
Washington, DC 20250

- 9844 Forest insect conditions in the United States, 1968. [May 1969.] iv+37 p. il. 4° † ● Item 82-B A 13.52/2: 968  
9845 [Forest recreation research], bibliography of Forest Service outdoor recreation research publication, Supp. 2. Jan. 1, 1969. 6 p. 4° †  
L.C. card Agr 67-390 A 13.11/2: R 24/supp.2

# GOVERNMENT PUBLICATIONS

- 9846 National forest log scaling handbook [amdt. 1]. [Jan. 1969.] [1]+vii+193 p. il. narrow 12° (FSH 2409.11.) [Includes transmittal sheet FSH 2443.71. Supersedes 1964 edition.] \* Fabrikoid, \$1.75.

A 13.36/2; L 82/960

Research note RM-(series). (Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colo.) † A 13.79: RM-(nos.)

- 9847 RM-127. Some characteristics of forest floor under ponderosa pine in Arizona [with list of literature cited; by] Peter F. Ffolliott, Warren P. Clary, and James R. Davis. 1968. 4 p. il. 4°
- 9848 RM-128. Soil temperature variations on semidesert habitat in southern Arizona; [by] Dwight R. Cable. 1969. 4 p. il. 4°
- 9849 RM-129. Relation of precipitation to flow from Little Leroux Spring on San Francisco Peaks, Arizona; [by] E. C. Martin. 1969. 4 p. il. 4°
- 9850 RM-130. Modified tree pruner for twig sampling; [by] John D. Stein. 1969. 2 p. il. 4°
- 9851 RM-131. Herbage production differs with soil in pinyon-juniper type of Arizona; [by] Donald A. Jameson and J. D. Dodd. 1969. 4 p. il. 4°
- 9852 RM-132. Effect of heavy late-fall precipitation on runoff from chaparral watershed; [by] Paul A. Ingebo. 1969. [2] p. il. 4°
- 9853 RM-133. Volumeter for estimating quantity of conifer foliage [for expressing photosynthesis on leaf-volume basis; [by] Frank Ronco. 1969. 2 p. il. 4°
- 9854 RM-134. Effect of photoperiod at low light intensities on growth of 4 sedges; [by] W. M. Johnson. 1969. 3 p. 4°
- 9855 RM-135. Ammonium nitrate encourages decomposition of ponderosa pine needles under laboratory conditions; [by] William H. Kruse. 1969. 2 p.
- 9856 RM-136. Alkali sacaton seedling survival and early growth under temperature and moisture stress [with list of literature cited; by] Earl F. Aldon. 1969. 4 p. il. 4°
- 9857 RM-137. Incidence of sperm in emerging female mountain pine beetles; [by] William F. McCambridge. 1969. 3 p. il. 4°

Research note SE-(series). (Southeastern Forest Experiment Station, Asheville, N.C.) † A 13.79: SE-(nos.)

- 9858 SE-103. Yield of Choctawhatchee sand pine plantation at age 28 [with list of literature cited; by Russell M. Burns and R. H. Brendemuehl]. Feb. 1969. 4 p. il. 4°
- 9859 SE-104. Differential response of slash pine families to drought; [by Robert P. Schultz and Lawrence P. Wilhite]. Feb. 1969. [3] p. 4°
- 9860 SE-105. Planting grass appears impractical for improving deteriorated recreation sites; [by Harold K. Cordell and Daniel R. Talhelm]. Feb. 1969. [2] p. il. 4°
- 9861 SE-106. Influence of soil type and drainage on growth of swamp chestnut oak (*Quercus michauxii* Nutt.) seedlings; [by Donal D. Hook]. Feb. 1969. [3] p. il. 4°
- 9862 SE-107. Propagation of southern red oak and water oak by rooted cuttings; [by Horace J. Duncan and Fred R. Matthews]. Feb. 1969. [3] p. il. 4°
- 9863 SE-108. Low herbicide concentration found in streamflow after grass cover is killed; [by J. E. Douglass and others]. Feb. 1969. [3] p. il. 4°
- 9864 SE-109. Control of insects in slash pine cones with trunk implantations of Bidrin systemic insecticide, 1st-year results; [by Edward P. Merkel]. Feb. 1969. [4] p. il. 4°
- 9865 SE-110. Intensive cleaning increases sapling growth and browse production in Southern Appalachians; [by Lino Della-Bianca]. Feb. 1969. 6 p. il. 4°

Research paper RM-(series). (Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colo.) † A 13.78: RM-(nos.)

- 9866 RM-45. Evaluation of seeding rangeland with pellets [with list of literature cited]; by Howard W. Chadwick [and others]. 1969. [2]+28+[1] p. il. 4° Text on p. 2 of cover.
- 9867 RM-46. Release benefits hardwoods in crowded shelterbelts [with list of literature cited]; by David F. Van Haverbeke and Charles E. Boldt. 1969. [2]+12+[1] p. il.

Research paper SE-(series). (Southeastern Forest Experiment Station, Asheville, N.C.) † A 13.78: SE-(nos.)

- 9868 SE-48. Silvical characteristics of yellow-poplar [with list of literature cited; by David F. Olson, jr.]. Feb. 1969. cover title, 16 p. 4° [Supersedes Station paper 89, Jan. 1958. Accompanied by abstract cards.]
- 9869 SE-49. Effect of seed source and fertilization on slash pine seedling growth and development [with list of literature cited; by Robert P. Schultz]. Feb. 1969. cover title, 8 p. 4° [Accompanied by abstract cards.]

## FOUR CORNERS REGIONAL COMMISSION 2001 Wisconsin Ave., N.W., Washington, DC 20235

NOTE.—The Four Corners Regional Commission has been established by the Secretary of Commerce under authority of Public law 89-136, approved August 26, 1965.

\*For Sale by Superintendent of Documents  
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# JULY 1969

- 9870 Four Corners Regional Commission, Federal-State partnership for economic growth, Utah, Colorado, Arizona, New Mexico. [6] p. narrow 12° † Y 3.F 82:2 F 82

## GENERAL ACCOUNTING OFFICE Washington, DC 20548

- 9871 List of GAO publications, v. 2, no. 2, Jan. 1969. cover title, 31 p. [Text on p. 2 of cover.] † GA 1.16/2:2/2
- 9872 Report to Congress: Activities of Center for Cultural and Technical Interchange between East and West, Department of State; by Comptroller General of United States. May 20, 1969. cover title, [6]+51 p. il. 4° (B-154135.) † Paper, \$1.00. L.C. card 70-602030 GA 1.13: C 89/3
- 9873 — Administration of disaster loan program in connection with 1964 Alaska earthquake, Small Business Administration; by Comptroller General of United States. May 28, 1969. cover title, [5]+54 p. 4° (B-163451.) † Paper, \$1.00. L.C. card 71-602079 GA 1.13: D 63/20
- 9874 — Audit of Export-Import Bank of United States, fiscal year 1968; by Comptroller General of United States. May 29, 1969. cover title, [6]+55 p. 4° (B-114823.) † Paper, \$1.00. GA 1.13: Ex 7/968
- 9875 — Audit of Federal Deposit Insurance Corporation, year ended June 30, 1968; by Comptroller General of United States. May 27, 1969. cover title, [5]+31 p. 4° (B-114831.) [Limited by agency restriction on access to bank examination records.] \* Paper, \$1.00. GA 1.13: F 31/8/968
- 9876 — Examination of financial statements, Virgin Islands Corporation (in liquidation), fiscal years 1967 and 1968, Department of Interior; by Comptroller of United States. May 23, 1969. cover title, [5]+26 p. 4° (B-114822.) † Paper, \$1.00. GA 1.13: V 81/2/967-68
- 9877 — Opportunities for reducing costs of hospitalization, medical services, and drugs provided to Federal employees for job-related disablements, Bureau of Employees' Compensation, Department of Labor; by Comptroller General of United States. May 29, 1969. cover title, [6]+43 p. 4° (B-157593.) † Paper, \$1.00. L.C. card 79-602204 GA 1.13: H 79/13
- 9878 — Review of internal audit activities of United States Information Agency; by Comptroller General of United States. Apr. 8, 1969. [5]+49 p. 4° (B-160759.) † Paper, \$1.00. L.C. card 76-601398 GA 1.13: Un 3/6
- 9879 — Savings available by using space on military aircraft to transport baggage between United States and points in Pacific and Southeast Asia, Department of Defense; by Comptroller General of United States. May 6, 1969. cover title, [8]+46 p. il. 4° (B-133025.) † Paper, \$1.00. L.C. card 70-601793 GA 1.13: Ai 7/91
- 9880 — Use of missile procurement funds to finance research and development efforts, Department of Air Force; by Comptroller General of United States. May 7, 1969. cover title, [5]+20 p. 4° (B-146876.) † Paper, \$1.00. L.C. card 74-601794 GA 1.13: M 69/24

## GENERAL SERVICES ADMINISTRATION Washington, DC 20405

- 9881 Inventory report on real property leased to United States throughout world, as of June 30, 1968. [1969.] vi+48 p. il. † ● Item 559-A L.C. card 57-60874 GS 1.15/2: 968

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



GOVERNMENT PUBLICATIONS

GEOLOGICAL SURVEY, Interior Dept.  
Washington, DC 20405

- 9882 Annual peak discharges from small drainage areas in Montana through Sept. 1968; by M. V. Johnson and R. J. Omang. Helena, Mont., 1969. [8]+139 p. il. 4° [Prepared in cooperation with Montana State Highway Commission and Public Roads Bureau, Commerce Dept.] ‡ I 19.2: M 76

- 9883 Availability of ground water in Federal Way area, King County, Wash. [with list of references cited]; by Denzel R. Cline. Tacoma, Wash., 1969. [4]+60 p. il. 1 pl. in pocket, 4° [Open-file report. Prepared in cooperation with King County Water District 100.] ‡ I 19.2: F 31

Bulletins. ● Item 620

I 19.3: (nos.)

- 9884 1211-C. Geology of proposed powersites at Deer Lake Kasnyku Lake, Baranof Island, southeastern Alaska [with list of references cited]; by Alexander A. Wanek and James E. Callahan. 1969. iv+25 p. il. 2 pl. in pocket. [Geologic feasibility study of two proposed powersites on Baranof Island, Alaska. Geology of waterpower sites in Alaska. Plates are colored.] \* Paper, \$1.00.
- 9885 1214-G. Element distribution in some Paleozoic black shales and associated rocks [with list of references cited]; by James D. Vine. 1969. iv+32 p. il. [Content and association of minor elements in different black-shale environments. Contributions to geochemistry.] \* Paper, 25c.
- 9886 1214-H. Element distribution in some trough and platform types of black shale and associated rocks [with list of references cited]; by James D. Vine, Elizabeth B. Tourtelot, and John R. Keith. 1969. iv+38+[3] p. il. [Content and association of minor elements in different black shale environments. Contributions to geochemistry. Includes title page and contents to Bulletin 1214.] \* Paper, 30c.
- 9887 1271-E. Pecos National Monument, N. Mex., its geologic setting [with list of references cited]; by Ross B. Johnson. [1969.] iii+11 p. il. 1 pl. in pocket. [Description of rocks and landscapes and their effect on man. Contributions to general geology.] \* Paper, 60c.
- 9888 1271-G. Reconnaissance geology of Eagle A-1 and A-2 quadrangles, Alaska [with list of references cited]; by Helen L. Foster. 1969. iv+30+[3] p. il. 1 pl. in pocket. [Brief description of geology of Eagle A-1 and A-2 quadrangles, part of Fortymile place gold mining country. Contributions to general geology. One plate is colored. Includes title pages and table of contents to Bulletin 1271.] \* Paper, \$1.00.
- 9889 1274-P. Stratigraphic nomenclature of volcanic rocks in Jemez Mountains, N. Mex. [with list of references]; by R. A. Bailey, R. L. Smith, and C. S. Ross. [1969.] iii+19 p. il. [New stratigraphic names and revisions in nomenclature of upper Tertiary and Quaternary volcanic rocks in Jemez Mountains. Contributions to stratigraphy.] \* Paper, 15c.
- 9890 1320. Terrestrial impact structures, bibliography 1965-68; by Jacquelyn H. Freberg. 1969. iv+39 p. 4°. \* Paper, 30c.  
L.C. card 74-650225

Circulars. † ● Item 620-A

I 19.4/2: (nos.)

- 9891 568. Reports and maps of Geological Survey released only in open files, 1968; by Betsy A. Weld, Margaret S. Griffin, and George W. Brett. 1969. [2]+24 p. 4°  
L.C. card GS52-152
- 9892 621. U.S. Geological Survey heavy metals program progress report 1968, field studies [with list of references]. 1969. iv+35 p. 4°  
L.C. card 77-602209
- 9893 623. Gold-bearing jasperoid in Drum Mountains, Juab and Millard Counties, Utah [with list of references]; by J. H. McCarthy, jr. [and others]. 1969. iii+4 p. il. 4°  
L.C. card 73-602338
- 9894 624. Platinum, palladium, and rhodium analyses of ultramafic and mafic rocks from Stillwater complex, Mont. [with list of references cited]; by Norman J. Page, Leonard B. Riley, and Joseph Haffty. 1969. iii+12 p. il. 4°  
L.C. card 72-602272
- 9895 Floods in Virginia, magnitude and frequency [with list of selected references; by] E. M. Miller. Richmond, Va., 1969. xii+371 p. il. 2 pl. in pocket, 4° (Water Resources Division.) [Open-file report. Prepared in cooperation with Virginia Department of Highways.] ‡ I 19.2: V 81

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- 9896 Geologic data for U20u satellite holes #1, #2, #3, and #4, and studies of orientation of joints in Thirsty Canyon Tuff, area 20, Pahute Mesa, Nevada test site [with list of references cited]; by William D. Purtymun, James Harrill, and F. Eugene Rush. Apr. 1969. 1-1a, 2-19 leaves, il. 4° [Open-file report. Prepared in cooperation with Eric H. Wang Civil Engineering Research Facility, University of New Mexico, for Air Force Weapons Laboratory.] ‡ I 19.2: T 34
- 9897 Ground-water data as of 1967, north coastal subregion, Calif. [with list of selected references]; by J. S. Bader. Menlo Park, Calif., Mar. 5, 1969. iii+11 p. il. 4° (Water Resources Division.) [Open-file report.] ‡ I 19.2: N 81 co
- 9898 Ground water data as of 1967, north Lahontan subregion, Calif. [with list of selected references]; by J. S. Bader. Menlo Park, Calif., Jan. 29, 1969. iii+8 p. il. 4° (Water Resources Division.) [Open-file report.] ‡ I 19.2: N 81 l
- 9899 Ground water in Clatsop County, [Oreg.] sand dunes; [by F. J. Frank]. Portland, Oreg., [Apr. 1968]. cover title, 12 leaves, il. 4° [Open-file report. Prepared by Water Resources Division in cooperation with Clatsop County.] ‡ I 19.2: C 57/4
- 9900 Ground-water resources of Santa Ynez upland ground-water basin, Santa Barbara County, Calif. [with list of references]; by G. F. LaFreniere and J. J. French. Menlo Park, Calif., Apr. 10, 1968. iv+42 p. il. 4° (Water Resources Division.) [Open-file report. Prepared in cooperation with Santa Barbara County Water Agency.] ‡ I 19.2: Sa 5/4
- Investigation of floods in Hawaii, progress report.
- 9901 10. Through June 30, 1967; by S. H. Hoffard and K. H. Fowler. May 1968. viii+167 p. il. 4° (Water Resources Division, Honolulu, Hawaii.) [Prepared in cooperation with Hawaii State Department of Land and Natural Resources and City and County of Honolulu.] ‡ I 19.57: 10  
L.C. card 63-65002
- Professional papers. ● Item 624 I 19.16: (nos.)
- 9902 594-M. Geology of Fort Hill quadrangle, Lincoln County, Wyo. [with list of references cited]; by Steven S. Oriel. 1969. iv+40+[3] p. il. 2 pl. in pocket, 4° [Surface and subsurface data of area along eastern margin of Idaho-Wyoming thrust belt establish geometry and times of movement of two major frontal thrust faults. Shorter contributions to general geology. Includes title page and contents to Professional paper 594. Plates are colored.] \* Paper, \$1.75.
- 9903 628. Tectonics of North America, discussion to accompany tectonic map of North America, scale 1:5,000,000 [with list of references cited]; by Philip B. King. 1969. iv+95 p. il. 4° \* Paper, \$1.00.  
L.C. card GS 68-324
- 9904 669. Colorado River region and John Wesley Powell [with bibliographies]; A. John Wesley Powell, pioneer statesman of Federal science, by Mary C. Rabbitt; B. Stratified rocks of Grand Canyon, by Edwin D. McKee; C. Geologic history of Colorado River, by Charles B. Hunt; D. Rapids and pools, Grand Canyon, by Luna B. Leopold. 1969. [169] p. il. 4° [Collection of papers honoring Powell on 100th anniversary of his exploration of Colorado River, 1869-1969.] \* Cloth, \$4.25.  
L.C. card 77-850223
- 9905 Publications of Geological Survey, 1968. 1968. vi+59 p. ‡ ● Item 623  
L.C. card GS 11-221 I 19.14: 968
- 9906 Utah basic-data release no. 15, Hydrologic and climatologic data, 1967, Salt Lake County, Utah; by A. G. Hely, R. W. Mower, and C. A. Horr. 1968. [1]+iii+74 p. il. 1 pl. in pocket, 4° [Open-file release. Prepared in cooperation with State of Utah and local organizations, Salt Lake City, Utah. Text on p. 2 of cover.] ‡ I 19.2: Ut 1/no.15  
L.C. card GS 66-87
- 9907 Water resources and geology of De Baca County, N. Mex. [with list of selected references]; by Walter A. Mourant and John W. Shomaker. Jan. 1969. 169 leaves, il. 10 pl. in pocket, 4° [Open-file report. Prepared in cooperation with New Mexico State Engineer for publication by New Mexico Institute of Mining and Technology, State Bureau of Mines and Mineral Resources Division, Socorro, N. Mex.] ‡ I 19.2: D 35  
L.C. card 79-627198

# GOVERNMENT PUBLICATIONS

- 9908 Water resources data for Arizona, 1966: pt. 2, Water quality records [with list of selected references]. [1967.] iv+85 p. il. 4° (Water Resources Division.) [Prepared in cooperation with State of Arizona and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, P.O. 4070, Tucson, AZ 85717.  
L.C. card 68-61249 I 19.53/2: Ar 4i/966/pt.2
- 9909 Water resources data for Arizona, 1967: pt. 1, Surface water records. [1968.] cover title, xii+237 p. il. 4° ([Water Resources Division.]) [Prepared in cooperation with State of Arizona and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, P.O. Box 4070, Tucson, AZ 85717.  
L.C. card 68-61249 I 19.53/2: Ar 4i/967/pt.1
- 9910 Water resources data for Arkansas, 1967: pt. 1, Surface water records. [1968.] cover title, viii+179 p. il. 4° ([Water Resources Division.]) [Prepared in cooperation with Arkansas Geological Commission and with other State and Federal agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 2301 Federal Office Building, Little Rock, AR 72201.  
L.C. card 68-61255 I 19.53/2: Ar 4k/967/pt.1
- 9911 Water resources data for Iowa, 1968: pt. 1, Surface water records; [pt. 2, Water quality records]. 1969. ix+257 p. il. 4° (Water Resources Division.) [Prepared in cooperation with Iowa Geological Survey and with other State and Federal agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 1041 Arthur Street, Iowa City, IA 52240.  
L.C. card 68-60773 I 19.53/2: Io 9/968/pt.1,2
- 9912 Water resources data for Kansas, 1967: pt. 1, Surface water records. 1968. ix+204 p. il. 4° (Water Resources Division.) [Prepared in cooperation with State of Kansas and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, P.O. Box 768, Lawrence, KS 66044.  
L.C. card 68-65289 I 19.53/2: K 13/967/pt.1
- 9913 Water resources data for Michigan, 1967: pt. 1, Surface water records. [1968.] x+259 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 58/967/pt.1
- 9914 — pt. 2, Water quality records [with list of selected references]. iv+94 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 58/967/pt.2
- 9915 Water resources data for Nebraska, 1967: pt. 2, Water quality records [with list of references]. [1969.] iv+157 p. il. 4° (Water Resources Division.) [Prepared in cooperation with Soil Conservation, Agriculture Department.] † District Chief, Water Resources Division, U.S. Geological Survey, Room 127, Nebraska Hall, 901 North 17th Street, Lincoln, NB 68508  
L.C. card 68-60775 I 19.53/2: N 27/967/pt.2
- 9916 Water resources data for New Mexico, 1966: pt. 2, Water quality records [with list of selected references]. [1969.] v+207 p. il. 4° (Water Resources Division.) [Prepared in cooperation with State of New Mexico and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, P.O. Box 4369, Albuquerque, NM 87106  
L.C. card 68-60776 I 19.53/2: N 42 m/966/pt.2

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# JULY 1969

- 9917 Water resources data for Ohio, 1967: pt. 2, Water quality records [with list of selected references]. [1968.] v+213 p. 4° (Water Resources Division.) [Prepared in cooperation with State of Ohio and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 975 W. Third Ave., Columbus, OH 43212  
L.C. card 68-60778 I 19.53/2: Oh 3/967/pt.2
- 9918 Water resources data for South Dakota, 1967: pt. 1, Surface water records. 1968. ix+152 p. il. 4° (Water Resources Division.) [Prepared in co-operation with State of South Dakota and with other agencies.] † 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: So 8 d/967/pt.1
- 9919 — pt. 2, Water quality records [with list of references]. [1969.] iii+67 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/967/pt.2
- 9920 Water resources data for South Dakota, 1968: pt. 1, Surface water records. 1969. ix+148 p. il. 4° (Water Resources Division.) [Prepared in co-operation with South Dakota Water Resources Commission and other agencies.] † 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: So 8 d/968/pt.1
- 9921 Water resources data for Texas, 1965: pt. 2, Water quality records [with list of selected references]. [1969.] vii+260 p. il. 4° (Water Resources Division.) [Prepared in cooperation with Texas Water Development Board and Corps of Engineers, U.S. Army.] † District Chief, Water Resources Division, U.S. Geological Survey, Federal Office Building, 300 E. 8th St., Austin, TX 78701  
L.C. card 68-63308 I 19.53/2: T 31/965/pt.2
- 9922 Water resources data for Texas, 1966: pt. 2, Water quality records [with list of selected references]. vii+132 p. il. 4° (Water Resources Division.) [Prepared in cooperation with Texas Water Development Board and Corps of Engineers, U.S. Army.] † District Chief, Water Resources Division, U.S. Geological Survey, Federal Office Building, 300 E. 8th St., Austin, TX 78701  
L.C. card 68-63308 I 19.53/2: T 31/966/pt.2
- 9923 Water resources data for Texas, 1967: pt. 1, Surface water records. 1968. xvii+536 p. il. 4° (Water Resources Division.) [Prepared in cooperation with State of Texas and other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, Federal Building, 300 East 8th St., Austin, TX 78701  
L.C. card 68-63308 I 19.53/2: T 31/967/pt.1
- 9924 Water resources data for Washington, 1966: pt. 2, Water quality records [with list of selected references]. [1969.] viii+189 p. il. 4° (Water Resources Division.) [Prepared in cooperation with Washington Department of Conservation, Washington Pollution Control Commission, Corps of Engineers, U.S. Army.] † District Chief, Water Resources Division, U.S. Geological Survey, Rm. 300, 1305 Tacoma Ave., South Tacoma, WA 98402  
L.C. card 68-60780 I 19.53/2: W 27/966/pt.2
- 9925 Water resources data for Washington, 1967: pt. 1, Surface water records. [1968.] cover title, xvi+450 p. il. 4° ([Water Resources Division.]) [Prepared in cooperation with State of Washington and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, Rm. 300, 1305 Tacoma Ave., South Tacoma, WA 98402  
L.C. card 68-60780 I 19.53/2: W 27/967/pt.1

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Commerce, Springfield, Va. 22151

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# GOVERNMENT PUBLICATIONS

- 9926 Water resources data for Washington, 1967: pt. 2, Water quality records [with list of selected references]. [1969.] viii+200 p. 4° (Water Resources Division.) [Prepared in cooperation with Washington Department of Conservation, Washington Pollution Control Commission, Corps of Engineers, U.S. Army.] † District Chief, Water Resources Division, U.S. Geological Survey, Rm. 300, 1305 Tacoma Ave., South Tacoma, WA 98402  
L.C. card 68-60780 I 19.53/2: W 27/967/pt.2
- 9927 Water resources data for Wyoming, 1967: pt. 1, Surface water records. 1968. xi+278 p. 4° (Water Resources Division.) [Prepared in cooperation with State of Wyoming and other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 215 East 8th Ave., Cheyenne, WY 82001  
L.C. card 68-61254 I 19.53/2: W 99/967/pt.1
- 9928 — pt. 2, Water quality records [with list of selected references]. [1969.] v+164 p. il. 4° (Water Resources Division.) [Prepared in cooperation with Wyoming Department of Agriculture and other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, P.O. Box 2087, Cheyenne, WY 82001  
L.C. card 68-61254 I 19.53/2: W 99/967/pt.2
- 9929 Water resources investigations in Missouri, 1968 [with list of selected references]. (Water Resources Division.) [Prepared in cooperation with Missouri Division of Geological Survey and Water Resources, and other State, municipal, and Federal agencies.] † I 19.42/3: M 69 o/968
- 9930 Water resources of Marine Corps Supply Center area, Menlo Park, Calif., Barstow, Calif. [with list of selected references]; by G. A. Miller. 1969. iv+51 p. il. 4° (Water Resources Division.) [Open-file report. Prepared in cooperation with Navy Department.] † I 19.2: B 28
- 9931 Water supplies for Coulee Dam National Recreation Area, Wash. [with list of references cited]; by Henry W. Anderson, jr., Tacoma, Wash., 1969. vi+104 p. il. 4° (Water Resources Division.) [Open-file report. Prepared in cooperation with National Park Service.] † I 19.2: C 83
- Water-supply papers. ● Item 625 I 19.13: (nos.)
- 9932 1591-D. Considerations involved in evaluating mathematical modeling of urban hydrologic systems [with list of references cited]; by David R. Dawdy. 1969. iii+18 p. il. [Hydrologic effects of urban growth.] \* Paper, 20c.
- 9933 1872. Hydrogeology of Scioto River Valley near Piketon, south-central Ohio [with list of references]; by Stanley E. Norris and Richard E. Fidler. 1969. vii+70 p. il. 4 pl. in pocket. [Prepared in cooperation with Ohio Department of Natural Resources, Division of Water, and U.S. Atomic Energy Commission. Quantitative study of ground-water yield and induced infiltration in glacial outwash aquifer.] \* Paper, \$1.00.  
L.C. card GS 68-320
- 9934 1916. Surface-water supply of United States, 1961-65, pt. 6, Missouri River Basin, v. 1, Missouri River Basin above Williston, N. Dak. 1969. ix+800 p. il. 1 map in pocket [Prepared in cooperation with States of Montana, North Dakota, and Wyoming, and with other agencies.] \* Paper, \$3.75.  
L.C. card 46-40712
- 9935 1917. Surface water supply of United States, 1961-65, pt. 6, Missouri River Basin, v. 2, Missouri River Basin from Williston, N. Dak., to Sioux City, Iowa. 1969. viii+560 p. il. 1 map in pocket [Prepared in cooperation with States of Iowa, Minnesota, Montana, Nebraska, North Dakota, South Dakota, and Wyoming, and with other agencies.] \* Paper, \$3.00.  
L.C. card 46-40712
- 9936 1960. Quality of surface waters for irrigation, western States, 1964 [with list of selected references; prepared by personnel of Water Resources Division]. 1969. viii+144 p. il. 1 pl. in pocket. \* Paper, \$1.00.  
L.C. card GS 65-331
- 9937 Willamette River at Lambert Bend, Oreg., floodflow characteristics of proposed Greenacres Road crossing [with list of references]; by D. D. Harris. Apr. 1969. cover title, [1]+i+10 leaves, il. 4° [Water Resources Division]. [Open-file report.] † I 19.2: W 66

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



JULY 1969

GOVERNMENT PRINTING OFFICE  
Washington, DC 20401

- 9938 Word division, supplement to Government Printing Office Style manual.  
7th edition, July 1968. 1968. ii+190 p. narrow 24° \* Paper, 50c.  
GP 1.2: W 89/3/968

HEALTH, EDUCATION, AND WELFARE DEPARTMENT  
Washington, DC 20201

- 9939 Department of Health, Education, and Welfare, 1968 [fiscal year] annual  
report. [1969.] xii+417 p. il. [Includes reports of subordinate agencies.]  
\* Paper, \$1.75. ● Item 444  
L.C. card 54-60477 FS 1.1: 968
- 9940 HEW and civil rights. [1968.] cover title, 7 p. narrow 8° [Text on p. 2 of  
cover.] † FS 1.2: C 49
- 9941 HEW consumer newsletter. (Office of Consumer Services, Health, Educa-  
tion, and Welfare Department.) [Monthly.] † FS 1.34:(date)  
Apr. 1969—

HOUSING AND URBAN DEVELOPMENT DEPARTMENT  
Washington, DC 20410

- 9942 Address prepared for delivery by George Romney, Secretary of Housing  
and Urban Development, Commonwealth Club of California, San Fran-  
cisco, Calif., May 16, 1969. 11 p. 4° † HH 1.7: R 66/4
- 9943 Citizen participation today, proceedings of staff conference, June 3-4, 1968,  
Department of Housing and Urban Development, region 4, Chicago, Ill.  
[with bibliography]. [1969.] [1]+iv+82 p. 4° [Issued with perfora-  
tions.] †  
L.C. card 74-602373 HH 1.2: C 49/2
- 9944 Equal opportunity, fair housing laws and other Federal civil rights laws  
and Executive orders relating to programs of Department of Housing  
and Urban Development. Jan. 15, 1969. [3]+52 p. † ● Item 583  
L.C. card 74-602278 HH 1.5: H 81/4
- HUD handbooks. HH 1.6/6: (letters-nos.)
- 9945 OILSR-4470.1. Organization, Office of Interstate Land Sales Registration. May  
1969. [15] p. il. 4° [Issued with perforations.] †
- 9946 RHA. 7204.1. Urban renewal handbook transmittal [Mar. 28, 1969.] [1]+2 p.  
4° [Issued with perforations. Includes transmittal notice 27.]  
\* Paper, \$14.00 (including basic manual and supplementary  
material for indefinite period); \$4.00 additional for foreign  
mailing. ● Item 582-E
- 9947 RHA. 7215.1. Urban renewal handbook transmittal [May 8, 1969.] [3] p. 4°  
[Issued with perforations. Includes transmittal notice 31.]  
\* Paper, \$14.00 (including basic manual and supplementary  
material for indefinite period); \$4.00 additional for foreign  
mailing. ● Item 582-E
- 9948 Urban land policy, selected aspects of European experience [with selected  
bibliography]. Mar. 1969. [1]+viii+219 p. 4° (Division of Interna-  
tional Affairs; [special report].) † ● Item 582  
L.C. card 79-602212 HH 1.2: Eu 7

INDIAN AFFAIRS BUREAU, Interior Dept.  
Washington, DC 20240

Missouri River Basin investigations project reports. † I 20.52:(nos.)

- 9949 179. Oglala irrigation project, cattle enterprise, Pine Ridge Indian Reservation,  
S. Dak. Billings, Mont., Apr. 1969. iv leaves+38 p. il. 4°
- 9950 189. Social and economic effects of reservation industrial employment on Indian  
employees and their families, Pine Ridge Indian Reservation, S. Dak.  
Billings, Mont., Feb. 1968. [7]+vii+64 p. il. 4°
- 9951 192. Resources of Sisseton Reservation area (Lake Traverse Reservation), his-  
tory, present, potential. Billings, Mont., May 1969. viii leaves+130 p.  
il. 4° [One illustration is colored.]

‡For Sale by Clearinghouse, U.S. Department of  
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# GOVERNMENT PUBLICATIONS

## INTERIOR DEPARTMENT Washington, DC 20240

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.

- 9952 Natural resources of Maryland. [1969.] 54+[2] p. il. 4° (Office of Information.) \* Paper, 75c. ● Item 603-C  
L.C. card 63-62363 I 1.91: M 36
- 9953 Remarks of Secretary of Interior Walter J. Hickel at dedication of John F. Kennedy National Historic Site, Brookline, Mass., May 29, 1969. [1969.] 3 leaves, 4° † I 1.68: H 52/5
- 9954 Saline water conversion report for 1968 [with bibliographies.] [1969.] xxv+489 p. il. 4° ([Office of Saline Water.]) \* Paper, \$3.50. ● Item 604-A  
L.C. card 61-61386 I 1.1/3: 968
- [Saline water] research and development progress report. (Office of Saline Water.) ● Item 604-A-1 I 1.88:(nos.)
- 9955 387. Environmental impact of brine effluents on Gulf of California [with bibliography]; by Donald A. Thomson, Albert R. Mead, and Joseph R. Schreiber, jr., Marine Sciences Committee, University of Arizona, Tucson, Ariz. Mar. 1969. [2]+viii+196 p. il. 4° (Contract 14-01-0001-1665.) \* Paper, \$1.75.
- 9956 410. Development of water purification systems based on reverse osmosis [with list of references]; by R. C. Ellington, Pratt and Whitney Aircraft Division of United Aircraft Corporation, East Hartford, Conn. Apr. 1969. xi+154 p. il. 4° (Contract 14-01-0001-1113.) \* Paper, \$2.25.
- 9957 411. Scale control in saline water evaporators, review of current status [with list of literature cited]; by J. W. McCutchan, University of California, Los Angeles, Calif., and E. N. Sieder. Apr. 1969. vii+62 p. il. 4° \* Paper, 65c.
- 9958 415. Disposal of effluents from desalination plants into estuarine waters [with bibliography]; by M. A. Zeltoun, E. F. Mandelli and W. F. McIlhenny, Dow Chemical Company, Midland, Mich. Mar. 1969. v+140 p. il. 4° (Contract 14-01-0001-1161.) \* Paper, \$1.25.
- 9959 416. Secondary refrigerant freezing desalting process: Operation of 15,000 GPD pilot plant [with list of references]; by N. Ganlaris, J. Lambiris, and R. Glasser, Struthers Scientific and International Corporation, New York, N.Y. Mar. 1969. viii+95 p. il. 4° (Contract 14-01-0001-734.) \* Paper, \$2.75.
- 9960 417. Sea water corrosion test program [with bibliography]; by H. C. Behrens [and others], Dow Chemical Company, Freeport, Tex. Mar. 1969. ix+108 p. il. 4° \* Paper, \$1.25.
- 9961 418. Graphitic oxide containing reverse osmosis membranes [with lists of references]; by L. C. Flowers [and others], Westinghouse Electric Corporation, Pittsburgh, Pa. Apr. 1969. xi+202 p. il. 4° (Contract 14-01-0001-550.) \* Paper, \$1.75.
- 9962 420. Development of thin-liquid-film membrane unit for desalination by reverse osmosis [with list of literature cited]; by D. S. Davies and J. G. Canamare, Dorr-Oliver Incorporated, Stamford, Conn. June 1969. xi+90 p. il. 1 tab., 4° (Contract 14-01-0001-542.) \* Paper, \$1.75.
- 9963 421. Annual report (FY 1968), vapor compression test bed plant, Roswell, N. Mex.; by Westinghouse Electric Corporation, Water Province Department, Orange, Calif. Sept. 1968. [1969.] vi+140 p. il. (Contract 14-01-0001-1742.) \* Paper, \$1.25.
- 9964 422. Operation of reverse osmosis pilot plants [with list of references]; by C. G. DeHaven and E. R. Watson, Aerojet-General Corporation, El Monte, Calif. May 1969. x+137+[38] p. il. 4° (Contract 14-01-0001-945.) [Issued with perforations.] \* Paper, \$1.50.
- 9965 423. Reverse osmosis permeators, design study; by Henry W. McRobble and Lawrence M. Litz, Union Carbide Corporation, Research Institute, Tarrytown, N.Y. May 1969. iv+42 p. il. 4° (Contract 14-01-0001-1293.) \* Paper, 50c.
- 9966 424. Design, fabrication and testing of 1000 gallon per day tubular reverse osmosis pilot plant [with list of literature cited]; by E. A. G. Hamer, American Standards, Inc., Research and Development Center, New Brunswick, N.J. May 1969. vi+89 p. il. 4° (Contract 14-01-0001-1171.) [Issued with perforations.] \* Paper, \$1.00.
- 9967 425. Cost effectiveness study on pretreatment methods for membrane desalting plants [with bibliographies]; by J. S. Kneale and E. M. Kelley, Permutit Research and Development Center, Princeton, N.J. May 1969. xxiii+90+[274] p. il. 4° (Contract 14-01-0001-1259.) \* Paper, \$2.75.
- 9968 429. Field operation of mobile reverse osmosis pilot plant; by E. R. Watson, Aerojet-General Corporation, El Monte, Calif. May 1969. [84] p. il. 4° (Contract 14-01-0001-1801.) \* Paper, \$1.00.

\*For Sale by Superintendent of Documents

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- 9969 431. Design and fabrication of 50,000 GPD portable reverse osmosis pilot plant; by E. R. Watson, Aerojet-General Corporation, El Monte, Calif. May 1969. [87] p. il. 4° (Contract 14-01-0001-930.) \* Paper, \$2.00.
- 9970 433. Study of biological desalination phenomena: Salt transport mechanisms of selective avian salt glands [with bibliographies]; by E. Usin, J. M. Spurlock and J. A. Simmons, Atlantic Research Corporation, Division of The Susquehanna Corporation, Alexandria, Va. June 1969. vii+80 p. il. 4° (Contract 14-01-0001-1674.) \* Paper, 75c.
- 9971 435. Recovery of metal salts from concentrated brines by chelation; by David O. DePree and Herman H. Weyland, Aerojet-General Corporation, Sacramento, Calif. [1969.] vi+54 p. il. 4° (Contract 14-01-0001-1692.) \* Paper, 60c.
- 9972 436. Continuous washing of brine from ice [with bibliographies]; by T. K. Sherwood, P. L. T. Brian, A. F. Sarofim, and K. A. Smith, Massachusetts Institute of Technology, Cambridge, Mass. May 1969. iii+36 p. il. 4° (Grant 14-01-0001-1719.) \* Paper, 45c.
- 9973 437. Disposal of effluents from desalination plants, effects of copper content, heat, and salinity [with bibliography]; by M. A. Zeitoun, E. F. Mandelli, and W. F. McIlhenny, Dow Chemical Company and Texas A & M University (subcontractor to Dow Chemical Company). Mar. 1969. xi+192 p. il. 4° (Contract 14-01-0001-1161.) \* Paper, \$1.50.
- 9974 439. Development of transport depletion processes; by Everett L. Huffman, Southern Research Institute, Birmingham, Ala. Apr. 1969. viii+104 p. il. 4° (Contract 14-01-0001-698.) \* Paper, \$1.00.
- 9975 443. Laminar dispersion in diverging channels and in concentric annuli [with list of references]; by William N. Gill, Ulku Gucerli and Richard J. Nunge, Clarkson College of Technology, Potsdam, N.Y. June 1969. ii+37 p. il. 4° (Grant 14-01-0001-1096.) \* Paper, 45c.
- 9976 446. SUL-BISUL ion exchange process, field evaluation on brackish waters; by K. Schmidt [and others], Elgin International Inc., Elgin, Ill. May 1969. iv+139 p. il. 4° (Contract 14-01-0001-1487.) \* Paper, \$2.75.
- 9977 Telephone directory, Department of Interior, Spring 1969. [1969.] cover title, ii+94 p. 4° [Text on p. 2 of cover.] \* Paper, \$1.00. I 1.86:969

INTERNAL REVENUE SERVICE, Treasury Dept.  
Washington, DC 20224

Circular.

- 9978 E. Supplement to Employer's tax guide, what to do about income tax withholding, if surcharge is or is not extended, supplement. [1969.] 24 p. 4° (Publication 15 (Supplement) (Rev. July 1969).) † ● Item 955-A  
L.C. card 55-4793 T 22.20/2: E/969/supp.
- 9979 Looseleaf regulations system: Service 5, Procedure and administration, transmittal 48. May 2, 1969. [78] p. 4° ● Item 961 T 22.19/3: 5/trans.48  
NOTE.—Service 5 consists of pts. 152, 301-303 and 601 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$4.50 (including basic material and supplements issued irregularly for approximately 3 years); \$1.00 additional for foreign mailing.
- 9980 Supplemental statistics of income 1966, zip code area data, individual income tax returns. [1969.] cover title, iv+96 p. il. 4° ([Publication 649 (6-69); Statistics Division.]) \* Paper, \$1.00. ● Item 964  
T 22.35/2: Z 6/966
- 9981 Tobacco tax guide, transmittal 27; May 15, 1969. [1969.] [68] p. il. 4° (Publication 464.) [Issued in looseleaf form.] \* Paper, \$3.50 (including basic guide and supplementary material for an indefinite period); \$1.00 additional for foreign mailing. ● Item 956-A  
T 22.19/5: 964/trans.27

INTERNATIONAL COMMERCE BUREAU, Commerce Dept.  
Washington, DC 20230

- 9982 American exporter faces competition, text of address by E. E. Schnelbacher, Assistant Director, Bureau of International Commerce, Department of Commerce, prepared for delivery at 24th Cleveland-Mid-Atlantic States World Trade Conference, Cleveland, Ohio, May 22, 1969. 1969. 6 p. 4° †  
C 42.18: Sch 5/27
- 9983 Are there substitutes for a large trade surplus? address by Paul R. Porter, Director, Export Strategy Staff, Bureau of International Commerce, prepared for delivery May 22, 1969, at Seattle World Trade Club Luncheon, Seattle, Wash. [1969.] 6 p. 4° †  
C 42.18: P 83

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# GOVERNMENT PUBLICATIONS

- 9984 Export control bulletin, supplement to Export control regulations. (Office of Export Control.) [Irregular. Formerly entitled Current export bulletin and classified C 42.11/2:(nos.) Issued in looseleaf form.] \* (Included in price of subscription to Export control regulations. See Entry no. 9985.) ● Item 212  
C 42.11/3:(nos.)  
No. 1— June 1, 1969—
- 9985 Export control regulations [compilation of official regulations and policies governing export licensing of commodities and technical data]; June 1, 1969. [1969.] [655] p. 4° (Office of Export Control.) [Based on Official rules and regulations of Department of Commerce published in Federal Register according to law. Photo on cover courtesy of Port of New York Authority. Accompanied by dividers. Issued in looseleaf form.] \* Paper, \$12.00 a yr. (including supplementary Export control bulletins); \$3.00 additional for foreign mailing. ● Item 211  
C 42.11: 969
- 9986 Five-year outlook for U.S. trade, address by Archie M. Andrews, Deputy Director, Bureau of International Commerce, prepared for delivery at annual meeting of Association of Home Appliance Manufacturers, Washington, D.C., May 22, 1969. [1969.] 7 p. 4° †  
C 42.18: An 2/9
- 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.)
- 9987 69-54. Malaysia. Apr. 28, 1969. 10+[1] p. il. 4° (American Embassy, Kuala Lumpur.) [Semiannual.]
- 9988 69-59. Iceland. May 5, 1969. 16 p. il. 4° (American Embassy, Reykjavik.) [Annual.]
- 9989 69-60. Portugal. Apr. 30, 1969. 12 p. 4° (American Embassy, Lisbon.) [Semiannual.]
- 9990 69-61. South Africa. May 2, 1969. 8 p. il. 4° (American Embassy, Pretoria.) [Semiannual.]
- 9991 69-62. Finland. May 5, 1969. 12 p. 4° (American Embassy, Helsinki.) [Semiannual.]
- 9992 69-63. Austria. May 10, 1969. 12 p. 4° (American Embassy, Vienna.) [Semiannual.]
- 9993 69-64. Luxembourg. Apr. 30, 1969. 12 p. il. 4° (American Embassy, Luxembourg.) [Annual.]
- 9994 69-65. Denmark. May 1, 1969. 14+[1] p. il. 4° (American Embassy, Copenhagen.) [Semiannual.]
- 9995 69-66. Afghanistan. May 1, 1969. 14 p. il. 4° (American Embassy, Kabul.) [Annual.]
- 9996 69-67. Ceylon. May 22, 1969. 10+[1] p. il. 4° (American Embassy, Colombo.) [Annual.] † Paper, 10c.
- 9997 69-68. Iran. May 28, 1969. 11 p. il. 4° (American Embassy, Tehran.) [Semiannual.] † Paper, 10c.
- 9998 69-69. Jamaica. May 19, 1969. 10 p. il. 4° [Annual.]
- 9999 International marketing information service, IMIS (series). [Irregular. Includes Country market digest, Exhibitor's export market guide, and World markets for U.S. exports.] † Paper, each 10c. C 42.31:(nos.)  
No. 69-1— Apr. 1969.—
- 10000 Trade list catalog, Supplement no. 1 to 1969 semiannual checklists, international business publications. Revised June 1969. [1969.] 18 p. 4° †  
● Item 231-D  
C 42.15: C 41/969/supp.1/rev.

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

- 10001 Gross national product, growth rates and trend data by region and country. Apr. 25, 1969. cover title, [2]+14 p. il. oblong 8° (RC-W-138; Statistics & Reports Division, Office of Program & Policy Coordination.) †  
S 18.2: G 91/3/969
- 10002 New directions in foreign aid, President Nixon's message to Congress. [May 28, 1969.] [1]+12 p. †  
S 18.2: F 76/9
- 10003 Voluntary foreign aid programs, reports of American voluntary agencies registered with Advisory Committee on Voluntary Foreign Aid, fiscal year 1968. [1969.] cover title, 16 p. oblong 8° (W-409; Voluntary Agencies Division, Office of Private Resources.) †  
L.C. card 63-62058  
S 18.2: F 76/8

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INTERSTATE COMMERCE COMMISSION  
Washington, DC 20423

- 10004 Decisions of Interstate Commerce Commission (finance reports), Aug. 1966-Nov. 1967 (number of older cases included). 1967 [published 1969]. xv+971 p. (Interstate Commerce Commission reports, v. 328.) \* Cloth, \$5.75. ● Item 677  
L.C. card 8-30656 IC 1.6: 328
- 10005 Freight commodity statistics, class 1 motor carriers of property operating in inter-city service-common and contract, in United States for year ended Dec. 31, 1966. [1969.] x+120 p. 4° (Statement 68200; Bureau of Accounts.) \* Paper, \$1.00. IC 1 mot.22: 966

JOINT CHIEFS OF STAFF, Defense Dept.  
Washington, DC 20301

- 10006 National Security seminar, prospectus 1969-70. [1968.] cover title, 16 p. il. oblong 32° (Industrial College of the Armed Forces.) † ● Item 315-A D 5.9: 969-70

JUSTICE DEPARTMENT  
Washington, DC 20530

- 10007 LEEP [Law enforcement education program] newsletter. (Law Enforcement Assistance Administration.) [Monthly.] † ● Item 717-B  
J 1.35/2: (nos.)  
No. 1— Apr. 3, 1969—
- 10008 United strategy for crime control. [1969.] 11 p. 4° (Law Enforcement Assistance Administration.) † ● Item 717  
L.C. card 78-600869 J 1.2: C 86/10/969

LABOR DEPARTMENT  
Washington, DC 20210

- 10009 Economics of manpower policy, remarks by Secretary of Labor George P. Shultz at Associated Employers of Illinois' luncheon, Chicago, Ill., May 23, 1969. 1969. 4 leaves, 4° † L 1.13: Sh 9/5
- 10010 Manpower publications. Apr. 1969. [5] p. narrow 8° (Manpower Administration.) † L 1.34: M 31/3/969
- 10011 Neighborhood Youth Corps, hope and help for youth. [May 1969.] [8] p. il. narrow 8° (Manpower Administration.) \* Paper, 15c. ● Item 745  
L 1.2: N 31/5
- 10012 Worker certification program under Immigration and nationality act, fiscal year 1968. May 1969. cover title, [3]+40 p. il. 4° (Manpower Administration.) † ● Item 745 L 1.2: W 89/9

LABOR STANDARDS BUREAU, Labor Dept.  
Washington, DC 20210

- 10013 Selected publications of Bureau of Labor Standards. 1969. cover title, i+23 p. † ● Item 765-A L 16.17: P 96/2/969

LABOR STATISTICS BUREAU, Labor Dept.  
Washington, DC 20210

- Bulletins. ● Item 768 L 2.3: (nos.)
- 10014 1425-8. Major collective bargaining agreements: Subcontracting; [prepared by Leon E. Lunden assisted by Theesa Ellis and Ernestine Moore]. Apr. 1969. v+47+[1] p. [Includes list of available Bulletins of 1425 series on major collective bargaining agreements.] \* Paper, 55c.  
L.C. card L 65-11

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# GOVERNMENT PUBLICATIONS

## Bulletins—Continued

- 10015 1606. Tomorrow's manpower needs, national manpower projections and guide to their use as tool in developing State and area manpower projections: v. 2, National trends and outlook, industry employment and occupational structure, Feb. 1969, cover title, vi+121 p. 4° \* Paper, \$1.25.  
L.C. card 70-601372
- 10016 1606. Tomorrow's manpower needs, national manpower projections and guide to their use as tool in developing State and area manpower projections: v. 3, National trends and outlook, industry employment and occupational structure, Feb. 1969, v+50 p. 4° \* Paper, 55c.  
L.C. card 70-601372
- 10017 1614. Industrial wage survey: Electric and gas utilities, Oct.-Nov. 1967; [prepared by Charles M. O'Conner]. May 1969, vi+68 p. 4° \* Paper, 70c.  
L.C. card L 53-137
- 10018 1625-38. Area wage survey: New Haven, Conn., metropolitan area, Jan. 1969, Apr. 1969, iii+16 p. oblong 8° \* Paper, 30c.  
L.C. card L 66-84
- 10019 1625-40. Area wage survey: Indianapolis, Ind., metropolitan area, Dec. 1968, Apr. 1969, iii+28 p. oblong 8° \* Paper, 35c.  
L.C. card L 66-77
- 10020 1625-41. Area wage survey: Wichita, Kans., metropolitan area, Dec. 1968, Apr. 1969, iii+15 p. oblong 8° \* Paper, 30c.  
L.C. card L 66-35
- 10021 1625-42. Area wage survey: Dayton, Ohio, metropolitan area, Jan. 1969, May 1969, iii+28 p. oblong 8° \* Paper, 35c.  
L.C. card L 66-91
- 10022 1625-43. Area wage survey: Seattle-Everett, Wash., metropolitan area, Nov. 1968, May 1969, iii+27 p. oblong 8° \* Paper, 35c.  
L.C. card L 66-29
- 10023 1625-44. Area wage survey: San Francisco-Oakland, Calif., metropolitan area, Oct. 1968, May 1969, iv+27 p. oblong 8° \* Paper, 35c.  
L.C. card L 66-89
- 10024 1625-45. Area wage survey: Jackson, Miss., metropolitan area, Feb. 1969, May 1969, iii+27 p. oblong 8° \* Paper, 35c.  
L.C. card L 66-97
- 10025 1625-46. Area wage survey: Newark and Jersey City, N.J., metropolitan area, Jan. 1969, May 1969, iv+29 p. oblong 8° \* Paper, 40c.  
L.C. card L 66-94
- 10026 1625-47. Area wage survey: Minneapolis-St. Paul, Minn., metropolitan area, Jan. 1969, May 1969, iv+28 p. oblong 8° \* Paper, 35c.  
L.C. card L 66-92
- 10027 1625-48. Area wage survey: Philadelphia, Pa.-N.J., metropolitan area, Nov. 1968, May 1969, iv+40 p. oblong 8° \* Paper, 50c.  
L.C. card L 66-82
- 10028 1625-52. Area wage survey: York, Pa., metropolitan area, Feb. 1969, May 1969, iii+15 p. oblong 8° \* Paper, 30c.  
L.C. card L 66-96
- 10029 Occupational earnings and wage trends in metropolitan areas, 1967-68, summary release no. 2 of 3 (28 areas). July 1968, 10 p. 4° †  
L 2.86: 967-68/no.2
- 10030 Occupational earnings and wage trends in metropolitan areas, 1967-68, summary release no. 3 of 3 (29 areas). Dec. 1968, 10 p. 4° †  
L 2.86: 967-68/no.3
- 10031 Occupational earnings and wage trends in metropolitan areas, 1968-69, Apr. 1969, 10 p. 4° (No. 1 of 3 (30 areas).) † L 2.86: 968-69/no.1
- 10032 Occupational earnings in selected areas, 1967-68, summary release no. 2 of 3 (28 areas). July 1968, 5 p. 4° † L 2.2: Oc 1/19/967-68/no.2
- 10033 Spendable earnings series, technical note on its calculation; [prepared by Carol M. Utter]. [1969.] 8 p. 4° [Reprinted from Employment and earnings and monthly report on labor force, Feb. 1969.] †  
L 2.41/2 a: Sp 3/2
- 10034 Wholesale price indexes, advance summary. [Monthly.] †  
L 2.61/10: (date)  
Apr. 1969—

## LAND MANAGEMENT BUREAU, Interior Dept. Washington, DC 20240

- ✓ 10035 Room to roam, recreation guide to public lands. 2d edition. May 1969, 32 p. il. 4° [Text on p. 2-4 of cover. Illustrations are colored.] \* Paper, 75c. ● Item 633  
L.C. card 78-602201  
I 53.7/2: R 53/969

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LIBRARY OF CONGRESS  
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- ✓ 10036 Carl Sandburg [with bibliography of Sandburg materials in collection of Library of Congress]; by Mark Van Doren. 1969. vi+83 p. (Gertrude Clarke Whittall Poetry and Literature Fund.) [Contains copyright material. Lecture delivered Jan. 8, 1968.] \* Paper, 50c. ● Item 818-B-2  
L.C. card 71-600851 LC 29.9: V 28
- 10037 Poland in collections of Library of Congress, overview; by Kazimierz Grzybowski. 1968 [published 1969]. iii+[1]+26 p. il. 4° \* Paper, 40c.  
● Item 818-E  
L.C. card 69-60009 LC 35.2: P 75/3

MARINE CORPS (Navy), Defense Dept.  
Washington, DC 20350

Fleet Marine Force manual FMFM (series).

- 10038 6-1. Marine division [with list of references]. [1969.] [4]+v+193 p. il. 4°  
[Supersedes FMFM 6-1, Mar. 28, 1964, and Change 1, Sept. 3, 1965.  
Issued with perforations.] \* Paper, \$1.75. ● Item 384  
D 214.9/4: 6-1/2
- 10039 Marine officer candidate. [1969.] [2]+17 p. il. oblong 8° ([NAVMC 7076.]) † ● Item 383  
D 214.2: Of 2/3
- 10040 Search [Marine Corps research and development]. [1969.] cover title, iv+55 p. il. oblong 12° ([Commanding General, United States Development and Educational Command, Development Center, Marine Corps Base, Quantico, Va.]) † ● Item 383  
L.C. card 77-602371 D 214.2: Se 1

MARITIME ADMINISTRATION, Commerce Dept.  
Washington, DC 20548

- 10041 Index of current regulations of Maritime Administration, Maritime Subsidy Board, National Shipping Authority, revised as of Apr. 30, 1969; [prepared by Office of General Counsel]. [1969.] [5]+38 p. 4° \* Paper, 50c. ● Item 237  
L.C. card 59-61647 C 39.206/4: 969
- MA SP (series). † C 39.210/2: (nos.)
- 10042 69-4. Remarks by A. E. Gibson, Maritime Administrator, Department of Commerce, delivered on Maritime Day, May 22, 1969 at Savannah, Ga., on occasion of 150th anniversary of sailing of SS Savannah, 1st steamship to cross Atlantic Ocean. 1969. 7 p. 4°
- 10043 69-5. Remarks by Robert J. Blackwell, Deputy Maritime Administrator, Department of Commerce, at State University of New York Maritime College, Ft. Schuyler, N.Y., on occasion of commencement exercises, June 8, 1969. [1969.] 7 p. 4°
- 10044 69-6. Remarks by A. E. Gibson, Maritime Administrator, Department of Commerce, at graduation ceremonies of United States Merchant Marine Academy, Kings Point, N.Y., June 4, 1969. 1969. 6 p. 4°
- 10045 69-7. Remarks of A. E. Gibson, Maritime Administrator, Department of Commerce, before graduating class of Webb Institute of Naval Architecture, Glen Cove, N.Y., June 20, 1969. 1969. 6 p. 4°

MEDICINE AND SURGERY BUREAU (Navy), Defense Dept.  
Washington, DC 20350

- U.S. Naval Submarine Medical Center, Submarine Base, Groton, Conn.: Reports. † D 206-10 (nos.)
- 10046 564. Maximum rate kinetic analysis applied to enzyme assay data [with list of references and notes]; by Donald V. Tappan. Feb. 6, 1969. cover title, iii+3+2 p. il. 4° (Research work unit MR005.04-0053.05.)

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## U.S. Naval Submarine Medical Center—Continued

- 10047 576. Monocular recognition of letters and Landolt Cs in left and right visual hemifields [with list of references]; by Howard Markowitz and Donald O. Weitzman. Apr. 11, 1969. cover title, 187-189 + [2] p. il. 4° (Research work unit MF12.524.004-9013D.03.) [Reprinted from Journal of Experimental Psychology, v. 79, no. 1, 1969. Text on p. 2 of cover.]

## MINES BUREAU, Interior Dept. Washington, DC 20240

### Information circulars. ● Item 637-A

I 28.27:(nos.)

- 10048 8408. Impact of petroleum development in Gulf of Mexico [with list of references]; by L. K. Weaver, C. J. Jirik, and H. F. Pierce. [1969.] [4] + 58 p. il. 4° \* Paper, 70c.  
L.C. card 73-602291
- 10049 8409. Pennsylvania anthracite refuse, survey of solid waste from mining and preparation [with list of references]; by John C. MacCartney and Ralph H. Whittle. [1969.] [2] + il + 77 p. il. 4° \* Paper, \$1.25.  
L.C. card 74-602365
- 10050 8410. Design of dams for mill tailings [with list of references]; by C. D. Kealy and R. L. Soderberg. [1969.] [3] + 49 p. il. 4° \* Paper, 55c.
- 10051 8411. Supply and demand for energy in United States by States and regions, 1960 and 1965: pt. 4. Petroleum and natural gas liquids; by Lullie H. Crump and Philip N. Yasnowsky. [1969.] [2] + iv + 25 p. il. 4° \* Paper, 55c.
- 10052 8412. Preparation of anhydrous aluminum chloride [with list of references]; by Robert L. de Beauchamp. [June 1969.] [3] + 19 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

### Report of investigations. ● Item 637-A

I 28.23:(nos.)

- 10053 7252. Some aspects of aerodynamics of formation of float coal dust clouds [with list of references]; by J. M. Singer, N. B. Grentinger, and J. Grumer. [Apr. 1969.] [3] + 26 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 10054 7253. Energetics of percussive drills [with list of references]; by William E. Bruce and James Paone. [Apr. 1969.] [2] + il + 31 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 10055 7254. Recovery of rhenium from tungsten-rhenium alloy [with list of references]; by M. J. Ferrante [and others]. [Apr. 1969.] [3] + 11 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 10056 7255. Turbine blade wear by coal ash in working fluid at 1,200° F.; by J. P. McGee [and others]. [Apr. 1969.] [3] + 15 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 10057 7256. Microscope system using automated reflectance scanning to study coal components, application to analysis of pyrite distribution [with list of references]; by J. T. McCartney and S. Ergun. [May 1969.] [3] + 15 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 10058 7257. Calculating equilibrium compositions of multiconstituent, multiphase, chemical reacting systems [with list of references]; by H. F. Feldmann, W. H. Simons, and D. Blenstock. [May 1969.] [3] + 22 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 10059 7258. Effect of microstructure on superconductivity in columbium-hafnium system [with list of references]; by R. E. Siemens, L. L. Oden, and D. K. Deardorff. [May 1969.] [2] + il + 29 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 10060 7259. Experiments on flow of mercury in porous media in transverse magnetic field [with list of references]; by W. E. Wallace, C. I. Pierce, and W. K. Sawyer. [May 1969.] [2] + il + 13 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 10061 7260. Chlorine in coal combustion [with list of references]; by T. L. Iapalucci, R. J. Demski, and D. Blenstock. [May 1969.] [3] + 12 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 10062 7261. Chemical and vegetative stabilization of Nevada copper porphyry mill tailing; by Karl C. Dean, Richard Havens, and Kimball T. Harper. [May 1969.] [3] + 14 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 10063 7262. Interactions of titanium and molybdenum additions with interstitial impurities in vanadium; by G. H. Keith. [May 1969.] [3] + 22 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 10064 7263. Flotation of muscovite from Alabama graphitic-mica schist ore; by Ralph B. Adair and James S. Browning. [June 1969.] [3] + 7 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
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- 10066 7265. Preparations of thorium metal by vacuum distillation of electrodeposited thorium-chromium and thorium-manganese alloys [with list of references]; by J. E. Murphy, E. Morrice and M. M. Wong. [June 1969.] [3] + 9 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 10067 7267. Oxygen consumption and hydrogen production by shrink-resistant grouts in confined places; by Mary A. Barrett. [June 1969.] [3] + 8 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

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NASA contractor report CR (series).

NAS 1.26:(nos.)

- 10068 835. Analysis and design of space vehicle flight control systems: v. 16, Abort [with list of references]; by Arthur L. Greensite. May 1969. cover title, [214] p. il. 4° [Prepared under contract NAS 8-21383 by General Dynamics Convair, Division of General Dynamics Corporation, San Diego, Calif. Issued by originator as GDE-DDE 68-001.]  $\Phi$  Paper, \$3.00.  
L.C. card 67-62707
- 10069 1244. Hydrogen-oxygen electrolytic regenerative fuel cells; by M. Klein and R. Astrin. Feb. 1969. cover title, xi+345 p. il. 4° [Prepared under contract NAS 3-2781 by Electro-Optical Systems, Inc., Pasadena, Calif.]  $\Phi$  Paper, \$3.00.  
L.C. card 74-601262
- 10070 1281. Dynamic response of structural elements exposed to sonic booms [with bibliography]; by David H. Cheng and Jacques F. Benveniste. Mar. 1969. cover title, v+44 p. il. 4° [Prepared under grant NGR 33-013-011 by City College of New York, New York, N.Y.]  $\Phi$  Paper, \$3.00.
- 10071 1301. Investigation of coilable lattice column; by R. F. Crawford. May 1969. cover title, [1]+30 p. il. 4° [Prepared under contract NAS 7-427 by Astro Research Corporation, Santa Barbara, Calif. Issued by originator as report ARC-R-310.]  $\Phi$  Paper, \$3.00.
- 10072 1310. Development and processing of pyrrone polymers [with list of references]; by L. E. Karre, L. B. Keller, and L. J. Miller. May 1969. cover title, x+97 p. il. 4° [Prepared under contract NAS 1-6287 by Hughes Aircraft Company, Culver City, Calif. Issued by originator as report P68-148.]  $\Phi$  Paper, \$3.00.
- 10073 1313. Theoretical investigation of composition and line emission characteristics of argon-tungsten and argon-uranium plasmas [with list of references]; by N. L. Krasceila. Mar. 1969. cover title, v+72 p. il. 4° [Prepared under contract NASw-847 by United Aircraft Corporation, East Hartford, Conn.]  $\Phi$  Paper, \$3.00.
- 10074 1319. Approximating properties of linear models for input-output descriptions [with list of references]; by Ernest Gunter Holzmann. May 1969. cover title, xi+143 p. il. 4° [Prepared under grant NGR-020-073 by Stanford University, Stanford, Calif.]  $\Phi$  Paper, \$3.00.  
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- 10075 1323. Experimental investigation in annular cascade sector of highly loaded turbine stator blading: v. 2, Performance of plain blade and effect by vortex generators [with list of references]; by James L. Bettner. May 1969. cover title, xiv+137 p. il. 4° [Prepared under contract NAS 3-9404 by General Motors, Indianapolis, Ind.]  $\Phi$  Paper, \$3.00.
- 10076 1325. Experiments and a model for pilot dynamics with visual and motion inputs [with list of references]; by Robert L. Stapleford, Richard A. Peters, and Fred A. Alex. May 1969. cover title, xi+115 p. il. 4° [Prepared under contract NAS 2-3650 by Systems Technology, Inc., Hawthorne, Calif. Issued by originator as technical report 168-2.]  $\Phi$  Paper, \$3.00.
- 10077 1326. Slope diffraction analysis of TEM parallel-plate guide patterns [with list of references]; by D. C. F. Wu and R. C. Rudduck. May 1969. cover title, v+48 p. il. 4° [Prepared under grant NGR 36-008-005 by Ohio State University, Columbus, Ohio. Issued by originator as technical report 1691-29.]  $\Phi$  Paper, \$3.00.
- 10078 1331. Some optimal branched trajectories [with list of references]; by Joseph D. Mason. May 1969. cover title, v+68 p. il. 4° [Prepared under contract NAS 1-8011 by TRW Systems Group, Redondo Beach, Calif.]  $\Phi$  Paper, \$3.00.
- 10079 1333. Theory for predicting rotational and vortex noise of lifting rotors in hover and forward flight [with list of references]; by S. Gene Sadler and Robert G. Loewy. May 1969. cover title, iii+73 p. il. 4° [Prepared under contract NAS 1-7618 by Rochester Applied Science Associates, Inc., Rochester, N.Y. Issued by originator as RASA report 68-11.]  $\Phi$  Paper, \$3.00.
- 10080 1334. Study of astronauts' extravehicular work capabilities in weightless conditions; by E. C. Wortz [and others]. May 1969. cover title, xviii+233 p. il. 4° [Prepared under contract NAS 1-7571 by Garrett Corporation, Los Angeles, Calif.]  $\Phi$  Paper, \$3.00.
- 10081 1336. Effect of free stream turbulence on coaxial mixing [with bibliography]; by R. A. Kulk, J. J. Leithem, and H. Weinstein. May 1969. cover title, viii+42 p. il. 4° [Prepared under grant NSG-6948C by Illinois Institute of Technology, Chicago, Ill.]  $\Phi$  Paper, \$3.00.
- 10082 1340. Correlation of fluctuating forces with sound radiation from rigid flow spoilers [with list of references]; by Hanno H. Heller, Sheila E. Widnall, and Colin G. Gordon. May 1969. cover title, xi+103 p. il. 4° [Prepared under contract NAS 1-7552 by Bolt Beranek and Newman Inc., Cambridge, Mass. Issued by originator as BBN report 1734.]  $\Phi$  Paper, \$3.00.
- 10083 1343. Induction plasma heating, high power, low frequency operation and pure hydrogen heating [with list of references]; by M. L. Thorpe and L. W. Scammon. May 1969. cover title, iii+56 p. il. 4° [Prepared under contract NAS 3-9375 by Humphreys Corporation, Tafa Division, Concord, N.H.]  $\Phi$  Paper, \$3.00.

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## NASA contractor report CR (series)—Continued

- 10084 1344. Computer mechanization of six-degree of freedom flight equations [with bibliography]; by L. E. Fogarty and R. M. Howe. May 1969. cover title, [1]+25 p. il. 4° [Prepared under contract NASr 54(06) by University of Michigan, Ann Arbor, Mich.] Φ Paper, \$3.00.
- 10085 1349. Reliability handbook for silicon monolithic microcircuits: v. 4, Reliability assessment of monolithic microcircuits [with bibliography]; by Jim D. Adams, et al. May 1969. cover title, [109] p. il. 4° [Prepared under contract NAS 8-20639 by Texas Instruments Incorporated, Dallas, Tex. Issued by originator as report 03-67-04.] Φ Paper, \$3.00.
- 10086 1351. Development of impedance simulation fixtures for spacecraft vibration tests [with list of references]; by Terry D. Scharton. May 1969. cover title, v+58 p. il. 4° [Prepared under contract NAS 1-7600 by Bolt Beranek and Newman Inc., Van Nuys, Calif. Issued by originator as BBN report 1703.] Φ Paper, \$3.00.
- 10087 1352. Magnetic field properties related to design of a 1-component magnetic support-and-balance system [with list of references]; by K. R. Sivier. May 1969. cover title, ix+42 p. il. 4° [Prepared under grant NGR 23-005-003 by University of Michigan, Ann Arbor, Mich.] Φ Paper, \$3.00.
- 10088 1353. One component, magnetic, support and balance system for wind tunnel models [with list of references]; by K. R. Sivier and M. Henderson. May 1969. cover title, x+75 p. il. 4° [Prepared under grant NGR 23-005-003 by University of Michigan, Ann Arbor, Mich.] Φ Paper, \$3.00.
- 10089 1356. Stability theory of nonlinear operational differential equations in Hilbert spaces [with bibliography]; by Chia-Ven Pao. May 1969. cover title, vi+172 p. 4° [Prepared under grant NGR-39-011-039 by University of Pittsburgh, Pittsburgh, Pa.] Φ Paper, \$3.00.
- 10090 1357. Conformal mapping of interior of unit circle onto interior of class of smooth curves [with list of references]; by Thomas F. Moriarty and Will J. Worley. May 1969. cover title, vi+45 p. il. 4° [Prepared under grant NGR-14-005-010 by University of Illinois, Urbana, Ill.] Φ Paper, \$3.00.
- 10091 1361. Study of modular extravehicular activity work platform [with bibliography]. May 1969. cover title, viii+62 p. il. 4° [Prepared under contract NASw-1820 by Bendix Corporation, Mishawaka, Ind. Issued by originator as report BMSD 6182.] Φ Paper, \$3.00.

## NASA EP (series). ● Item 830-G

NAS 1.19:(nos.)

- 10092 22. This is NASA. [Dec. 1968, published 1969.] cover title, 20 p. il. [Cover painting and drawings by Mitchell Jamieson.] \* Paper, 45c.
- 10093 52. Exploring the moon and planets; by William R. Corliss. Oct. 1, 1968 [published 1969]. [6]+26 p. il. 4° ([America in space, the first decade.]) \* Paper, 50c.  
L.C. card 72-602280
- 10094 57. Man in space, by David A. Anderton. [Oct. 1, 1968, published 1969.] [6]+ 30 p. il. 4° ([America in space, the first decade.]) \* Paper, 55c.  
L.C. card 78-602265
- 10095 70. Mission report, Apollo 10. June 17, 1969. 12 p. il. 4° (MR-4.) [Illustrations are colored.] \* Paper, 35c.

## NASA SP (series).

NAS 1.21:(nos.)

- 10096 164. Thermal radiation heat transfer: v. 2, Radiation exchange between surfaces and in enclosures [with lists of references; by] John R. Howell and Robert Siegel. 1969. vi+285 p. il. (Scientific and Technical Information Division, Office of Technology Utilization.) \* Paper, \$1.50. ● Item 830-I  
L.C. card 67-62877
- 10097 167. Significant achievements in space science, 1967 [articles, with lists of references], 1968 [published 1969]. vii+558 p. il. (Scientific and Technical Information Division, Office of Technology Utilization.) \* Paper, \$2.50.  
L.C. card 73-600960
- 10098 3045. Compressed gas handbook; edited by John S. Kunkle, Samuel D. Wilson, Richard A. Cota. 1969. xi+560 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) \* Paper, \$4.75.  
● Item 830-I  
L.C. card 68-62085
- 10099 3048. Charts for interpolation of local skin friction from experimental turbulent velocity profiles [with list of references]; by Jerry M. Allen and Dorothy H. Tudor. iii+37 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) Φ Paper, \$3.00.  
L.C. card 79-602192
- 10100 4008. Astronautics and aeronautics, 1967, chronology on science, technology, and policy; text by Science and Technology Division, Library of Congress. 1968. ix+487 p. il. (Scientific and Technical Information Division.) [Sponsored by NASA Historical Staff, Office of Policy.] \* Paper, \$2.25.  
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- 10101 5058. NASA contributions to fluid-film lubrication, survey [with lists of references; by H. C. Rippel, Otto Decker, and Z. Zudans]. 1969. vi+196 p. il. 4° ([Technology utilization.]) [Prepared by Franklin Institute Research Laboratories for NASA under contract NSR-39-005-015.] \* Paper, \$2.00. Item 830-I  
L.C. card 68-62940
- 10102 7033. NASA scientific and technical reports for 1968, selected listing. May 1969. viii+230+215 p. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) \* Paper, \$4.00. ● Item 830-I  
L.C. card 64-61468

NASA technical note TN (series).

NAS 1.14: D-(nos.)

- 10103 D-5015. Measurement of liquid and two-phase hydrogen densities with capacitance density meter [with list of references]; by George E. Turney and Roger W. Snyder. Apr. 1969. cover title, ii+40 p. il. 4° \* Paper, \$3.00.
- 10104 D-5087. Review of radiometric measurements of atmospheric attenuation wavelengths from 75 centimeters to 2 millimeters [with list of references]; by William I. Thompson III and George G. Haroules. Apr. 1969. cover title, [3]+18 p. il. 4° \* Paper, \$3.00.
- 10105 D-5099. Small Astronomy Satellite (SAS) program; by Majorie R. Townsend. Mar. 1969. cover title, iii+20 p. il. 4° \* Paper, \$3.00.
- 10106 D-5101. Atlas of Tiros VII monthly maps of emitted radiation in 8-12 micron atmospheric window over Indian Ocean area [with list of references]; by Earl R. Kreins and Lewis J. Allison. Apr. 1969. cover title, iii+25 p. il. 4° \* Paper, \$3.00.  
L.C. card 72-601965
- 10107 D-5111. Simulation of package transfer concepts for Saturn I orbital workshop; by Charles B. Nelson. Mar. 1969. cover title, iv+12 p. il. 4° \* Paper, \$3.00.
- 10108 D-5127. Technique for identifying pilot describing functions from routine flight-test records [with list of references]; by Rodney C. Wingrove and Frederick G. Edwards. May 1969. cover title, [2] leaves+31 p. il. 4° \* Paper, \$3.00.
- 10109 D-5128. Flight-determined aerodynamic properties of jet-augmented, auxiliary-flap, direct-lift-control system including correlation with wind-tunnel results [with list of references]; by L. Stewart Rolls, Anthony M. Cook, and Robert C. Innis. May 1969. cover title, [1]+39 p. il. 4° \* Paper, \$3.00.
- 10110 D-5141. Thermal stability and friction of disulfides, diselenides, and ditellurides of molybdenum and tungsten in vacuum ( $10^{-6}$  to  $10^{-4}$  torr) [with list of references]; by William A. Brainard. Apr. 1969. cover title, ii+22 p. il. 4° \* Paper, \$3.00.
- 10111 D-5152. Effect of oxygen concentration on performance of synthetic paraffinic oils in short term bearing tests from 400° to 500° F [with list of references]; by Richard J. Parker and Erwin V. Zaretsky. May 1969. cover title, ii+16 p. il. 4° \* Paper, \$3.00.
- 10112 D-5158. Pumped helium tests of 51-centimeter bore niobium-tin magnet [with list of references]; by Willard D. Coles, Gerald V. Brown, Erwin H. Meyn. Apr. 1969. cover title, ii+10 p. il. 4° \* Paper, \$3.00.
- 10113 D-5162. Relationship between optical distortion and binocular depth perception [with list of references]; by L. R. Loper and R. C. Stout. Apr. 1969. cover title, ii+8 p. il. 4° \* Paper, \$3.00.
- 10114 D-5163. Survey and comparative analysis of current geophysical models [with bibliographies]; by Jesco von Puttkamer. May 1969. cover title, vii+60 p. il. 4° \* Paper, \$3.00.
- 10115 D-5164. Experimental investigation of base flow field at high altitude for four-engine clustered nozzle configuration [with list of references]; by Edwin B. Brewer and Charles E. Craven. May 1969. cover title, xi+89 p. il. 4° \* Paper, \$3.00.
- 10116 D-5165. Computer program for dimensional analysis [with bibliographies]; by A. D. Sloan and W. W. Happ. Apr. 1969. cover title, [2]+29 p. il. 4° \* Paper, \$3.00.  
L.C. card 79-601964
- 10117 D-5168. Variation of convective heat-transfer coefficient around simulated rocket cooling tube section [with list of references]; by Ronald G. Huff. Apr. 1969. cover title, ii+28 p. il. 4° \* Paper, \$3.00.
- 10118 D-5172. Graphic method for determining absolute attitude of sounding rocket vehicles [with list of references]; by Charles F. Miller, jr. May 1969. cover title, v+17 p. il. 4° \* Paper, \$3.00.
- 10119 D-5173. Tables and graphs of functions necessary for solving nonlinear heat transfer constant area fin problems with examples on their use; by A. R. Shouman and J. W. Price. May 1969. cover title, vi+485 p. il. 4° \* Paper, \$3.00.
- 10120 D-5174. Compilation of data from related technologies in development of optical pilot warning indicator system [with list of references]; by Roy Paanane [and others]. May 1969. cover title, [2]+99 p. il. 4° \* Paper, \$3.00.
- 10121 D-5179. Surface temperature mapping with infrared photographic pyrometry for turbine cooling investigations [with list of references]; by Frank G. Pollack, and Robert O. Hickel. May 1969. cover title, iv+45 p. il. 4° \* Paper, \$3.00.

# GOVERNMENT PUBLICATIONS

## NASA technical note TN (series)—Continued

- 10122 D-5185. Sigma phase formation and its effect on stress-rupture properties of IN-100 [with list of references]; by Robert L. Dreshfield and Richard L. Ashbrook. Apr. 1969. cover title, ii+24 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10123 D-5191. Experiments on rotating externally pressurized, air journal bearings: 1. Load capacity and stiffness [with list of references]; by Robert E. Cunningham, David P. Fleming, and William J. Anderson. June 1969. cover title, ii+16 p. 4°  $\Phi$  Paper, \$3.00.
- 10124 D-5193. Newtonian aerodynamics for circular cones modified to produce lift at zero angle of attack [with list of references]; by Barbara J. Short. May 1969. cover title, [1]+31 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10125 D-5196. Effect of size on normal-gravity self-pressurization of spherical liquid hydrogen tankage [with list of references]; by John C. Aydelott and Charles M. Spuckler. May 1969. cover title, ii+40 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10126 D-5198. Nonlinear flux flow in single crystal niobium [with list of references]; by Wayne R. Hudson and Russell J. Jirberg. May 1969. cover title, ii+11 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10127 D-5204. Pressure distributions on 140°, 160°, and 180° cones at Mach numbers from 2.30 to 4.63 and angles of attack from 0° to 20° [with list of references]; by James F. Campbell and Dorothy H. Tudor. May 1969. cover title, [1]+147 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10128 D-5205. Interaction of intense laser beams with free electrons [with list of references]; by Edward S. Sarachik. May 1969. cover title, [2]+28 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10129 D-5207. Investigation of SA-501 S-IVR auxiliary propulsion system flight anomalies; by K. Coates and E. Donald. May 1969. cover title, v+42 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10130 D-5210. Vapor ingestion phenomenon in weightlessness [with list of references]; by Kaleel L. Abdalla and Steven G. Bereyni. May 1969. cover title, ii+29 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10131 D-5212. Noise in axisymmetric convergent electron beams [with list of references]; by H. G. Kosmahl and L. U. Albers. May 1969. cover title, ii+59 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10132 D-5213. Radiation-induced reduction of ammoniacal nickel (II) sulfate to metallic nickel [with list of references]; by Warren H. Philipp and Stanley J. Marsik. May 1969. cover title, ii+11 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10133 D-5215. New momentum-integral method for treating magnetohydrodynamic and simple hydrodynamic entrance flows [with list of references]; by Richard E. Schwirian. May 1969. cover title, ii+27 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10134 D-5216. Study of (ast) reaction on scandium-45 at 41MeV [with list of references]; by Joseph R. Priest and John S. Vincent. May 1969. cover title, ii+25 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10135 D-5218. Conceptual study of rocket-scamjet hybrid engines in a lifting reusable second stage [with list of references]; by Andrzej Dobrowolski and John L. Allen. May 1969. cover title, ii+52 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10136 D-5220. Analysis of terrain bias error in planetary radar altimeters [with list of references]; by Richard F. Harrington and William D. Stanley. May 1969. cover title, [1]+38 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10137 D-5221. Equipotential space-suit design concept and its application to space-suit elbow joint [with one reference]; by Donald E. Barthlome. May 1969. cover title, [1]+42 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10138 D-5223. Thermodynamic properties of liquid H<sub>2</sub>O and D<sub>2</sub>O and their mixtures [with list of references]; by Mark Salomon. May 1969. cover title, [3]+12 p. 4°  $\Phi$  Paper, \$3.00.
- 10139 D-5224. Experiments on power loss in herringbone-grooved, gas-lubricated journal bearings [with list of references]; by David P. Fleming, Robert E. Cunningham, and William J. Anderson. May 1969. cover title, ii+19 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10140 D-5225. Experimental study of pump and seal characteristics of helical groove geometry incorporated in combined bearing and pump [with list of references]; by Lawrence P. Ludwig, Thomas N. Strom, and Robert L. Johnson. May 1969. cover title, ii+25 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10141 D-5226. Simple equations for calculating temperature distributions in radiating gray gases [with list of references]; by Robert G. Ragdale and Albert F. Kaseak. May 1969. cover title, ii+38 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10142 D-5227. Galvanomagnetic and thermomagnetic effects in white tin in fields to 3.3 tesla and at temperatures between 1.2 and 4.2 K [with list of references]; by John A. Woollam. May 1969. cover title, ii+26 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10143 D-5229. LEED [low-energy electron diffraction] studies of adhesion to rhenium surface [with list of references]; by Donald H. Buckley. May 1969. cover title, ii+16 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10144 D-5233. Hypersonic flutter analysis using measured static aerodynamic derivatives, and comparison with experiment [with list of references]; by Robert C. Goetz. May 1969. cover title, [1]+51 p. il. 4°  $\Phi$  Paper, \$3.00.

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- 10145 D-5236. Analytical investigation of inflatable landing system having omnidirectional and multiple-impact capabilities [with list of references]; by John R. McGehee, Melvin E. Hathaway, and Cornelia B. Dexter. May 1969. cover title, [1]+57 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10146 D-5241. Evaluation of a contact-analog display in landing approaches with helicopter [with list of references]; by Robert W. Sommer and R. Earl Dunham, Jr. June 1969. cover title, [1]+25 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10147 D-5244. Circulating currents in linear crossed-field generators and accelerators [with list of references]; by Gustav A. Carlson. May 1969. cover title, [1]+13 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10148 D-5245. Unaccelerated geocentric velocities and influx rates of sporadic photographic meteors [with list of references]; by C. D. Miller. May 1969. cover title, il+59 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10149 D-5247. LEED study of adhesion of various materials to (111) surface of nickel [with list of references]; by Donald H. Buckley. May 1969. cover title, il+20 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10150 D-5248. Evaluation of two nickel-base alloys, alloy 713C and NASA TAZ-8A, produced by extrusion of prealloyed powders [with list of references]; by John C. Freche, William J. Waters, and Richard L. Ashbrook. May 1969. cover title, il+31 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10151 D-5249. Impulsive motion on flat plate pulsed with uniform heat flux [with list of references]; by Thomas H. Cochran and Eva T. Jun. May 1969. cover title, il+37 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10152 D-5250. Nuclear thermionic space power concept using rod control and heat pipes [with list of references]; by John L. Anderson and Edward Lantz. May 1969. cover title, il+30 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10153 D-5266. Proposed model for effect of oxidation on high-temperature deformation of nickel [with list of references]; by James S. Wolf. June 1969. cover title, il+69 p. il. 4°  $\Phi$  Paper, \$3.00.

## NASA technical report R (series).

NAS 1.12:(nos.)

- 10154 303. Causes of magnetic-field nonuniformity and its effect on stability of theta-pinch plasma [with list of references]; by Joseph Norwood, Jr. Mar. 1969. cover title, il+63 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10155 306. Radiometric techniques applicable to measurement of solar activity and atmospheric attenuation at millimeter wavelengths [with list of references]; by George G. Haroules. Apr. 1969. cover title, [2]+19 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10156 310. Semiempirical collision model for plasmas [with list of references]; by Willard E. Meador. May 1969. cover title, il+32 p. il. 4°  $\Phi$  Paper, \$3.00.
- 10157 411. Inviscid radiating shock layers about spheres travelling at hyperbolic speeds in air [with list of references]; by Richard W. Barnwell. May 1969. cover title, [1]+75 p. il. 4°  $\Phi$  Paper, \$3.00.

## NASA technical translation TT (series).

NAS 1.13/2:(nos.)

- 10158 F-514. Atlas of reverse side of the moon, pt. 2; by Yu. N. Lipskiy et al. Apr. 1969. cover title, [304] p. il. 4° [Translation of Atlas obratnoy storony lunny. Chast' II, Nauka Press, Moscow, 1967.]  $\Phi$  Paper, \$3.00. L.C. card 70-602364
- 10159 F-523. Electromedical apparatus: Principles of operation, installation, and use; by N. M. Liventsev. May 1969. cover title, x+420 p. il. [Translation of Elektromeditsinskaya apparatura, printsip deystviya, ustroystvo, ekspluatatsiya. Meditsina Press, Moscow, 1964.]  $\Phi$  Paper, \$3.00. L.C. card 77-602233
- 10160 F-535. Some problems of physics of high energies and cosmic rays [with list of references]; S. A. Azimov, editor. Apr. 1969. cover title, Nekotoryye voprosy fiziki vysokikh energiy i kosmicheskikh luchey, "Fan" Press, Tashkent, 1967.]  $\Phi$  Paper, \$3.00.
- 10161 F-541. From a scientific heritage [with list of references]; by F. A. Tsander. May 1969. cover title, x+92 p. il. 4° [Translation of Iz nauchnogo naslediya Nauka Press, Moscow, 1967. Includes bibliography of printed works of F. A. Tsander.]  $\Phi$  Paper, \$3.00. L.C. card 79-602369
- 10162 F-545. Perception of space and time in outer space [with bibliography]; by A. A. Leonov and V. L. Lebedev. May 1969. cover title, ix+103 p. il. 4° [Translation of Vospriyatiye prostranstva i vremeni v kosmose, Nauka Press, Moscow, 1968.]  $\Phi$  Paper, \$3.00. L.C. card 75-602297
- 10163 F-546. Observations of noctilucent clouds [with lists of references]; by Ch. I. Villmann, editor. Apr. 1969. cover title, vi+153 p. il. 4° [Translation of Nablyudeniya serebristyykh oblakov, Nauka Press, Moscow, 1967.]  $\Phi$  Paper, \$3.00. L.C. card 75-602392

- 10164 Research and technology program digest, flash index, fy 69. Mar. 1969. vii+362 p. 4°  $\Phi$  Office of Advanced Research and Technology, Attn: Mr. Roy L. Daisey, Code RMR, National Aeronautics and Space Administration, Washington, DC 20025 • Item 830-U

L.C. card 68-62740

NAS 1.41:969

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# GOVERNMENT PUBLICATIONS

## NATIONAL AGRICULTURAL LIBRARY, Agriculture Dept. Washington, DC 20250

### Library list.

- 10165 92. Marketing of livestock, meat, and meat products, 1962-June 1967, list of selected references: [compiled by Minnie N. Fuller and Betty B. Baxtresser], July 1968. [1]+iv+73 p. 4° †  
L.C. card Agr 69-290 A 17.17: 92

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

- 10166 Franklin D. Roosevelt Library, era of Franklin D. Roosevelt, selected bibliography of periodical and dissertation literature, 1945-66; compiled and annotated by William J. Stewart. Franklin D. Roosevelt Library, Hyde Park, N.Y., 1967. [1]+iii+175 p. 4° † Paper, \$2.50, Franklin D. Roosevelt Library, Hyde Park, NY 12538  
L.C. card 70-602361 GS 4.17/3: R 67/945-66

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

- 10167 283. Despatches from United States consuls in Nogales, Sonora, Mexico, 1889-1906; [prepared by Ralph E. Huss]. 1969. cover title, 3 p.  
10168 529, 530. Records of Department of State relating to political relations between United States and Italy, 1910-29, and between Italy and other States, 1910-29; [prepared by Ernestine S. Cognasso]. [1969.] cover title, iii+11 p.  
10169 696, 697. Records of Department of State relating to political relations between United States and Austria-Hungary and Austria, 1910-29 and between Austria-Hungary and Austria and other states, 1910-29 [prepared by James E. Primas]. 1969. iii+11 p.  
10170 730, 731. Records of Department of State relating to political relations between United States and Siam, 1910-29; [prepared by Frank S. Soriano]. [1969.] cover title, iii+11 p.  
10171 Prologue, journal of National Archives; [Herman J. Viola, associate editor]. [Published 3 times yearly.] † Paper, \$2.50 for 1 yr.; \$4.50 for 2 yrs.; and \$6.00 for 3 yrs.; single copy, \$1.00. GS 4.23: (v.nos.& nos.)  
v. 1, no. 1—Spring 1969—  
10172 Publications of National Archives and Records Service. [Sept. 1968.] [2] leaves+24 p. narrow 8° ([National Archives publication 69-4.1]) †  
L.C. card A 47-3061 GS 4.17: 968-2

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

- 10173 Measurement users bulletin no. 5, supplement to NBS special publication 250, 1968 edition. June 1969. 2+6 p. 4° [Issued with perforations.] † ● Item 247 C 13.10: 250/3/supp.-4

### National standard reference data series, NSRDS-NBS.

- 10174 26. Ionization potentials, appearance potentials, and heats of formation of gaseous positive ions [with bibliographies; by] J. L. Franklin [and others], June 1969. 285 p. 4° \* Cloth, \$4.00. ● Item 248-B C 13.48: 26  
L.C. card 68-62689

### Special publications. ● Item 247

C 13.10: (nos.)

- 10175 301. Molecular dynamics and structure of solids [with lists of references]; edited by R. S. Carter and J. J. Rush. June 1969. xii+571 p. ll. (Institute for Materials Research.) [Based on invited and contributed papers, 2d Materials Research Symposium held at NBS, Gaithersburg, Md., Oct. 16-19, 1967.] \* Cloth, \$4.00.  
L.C. card 68-61721  
10176 315-1. Bibliography on high temperature chemistry and physics of materials, Jan.-Mar. 1969; J. J. Diamond, editor. Apr. 1969. iv+77 p. 4° (Institute for Materials Research.) [Prepared under auspices of International Union of Pure and Applied Chemistry, Commission on High Temperatures and Refractories.] \* Paper, 75c.  
L.C. card 77-600413

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Technical notes. ● Item 249-A

C 13.46:(nos.)

- 10177 270-4. Selected values of chemical thermodynamic properties: [pt. 4], Tables for elements 35 through 53 in standard order of arrangement; [by] D. D. Wagman [and others]. May 1969. xiii+141 p. 4° (Institute for Materials Research.) [Revision of tables of Series I, Circular 500.] \* Paper, \$1.25.  
L.C. card 65-62923
- 10178 378. Preparation and characterization of slush hydrogen and nitrogen gels [with list of references; by] A. S. Rapal and D. E. Daney. May 1969. iv+40 p. il. 4° (Cryogenics Division, Institute for Basic Standards.) \* Paper, 50c.
- 10179 478. Some evolving conventions and standards for character information coded in 6, 7, and 8 bits [with list of references; by] John L. Little. May 1969. iv+27 p. il. 4° (Office of Information Processing Standards, Center for Computer Sciences and Technology.) \* Paper, 35c.
- 10180 482. Superconductive materials and some of their properties [with bibliography; by] B. W. Roberts. May 1969. [130] p. il. 4° [Prepared by General Electric Research and Development Center, Schenectady, N.Y. for Office of Standard Reference Data, Institute for Basic Standards. Supersedes and extends NBS technical note 408.] \* Paper, \$1.25.  
L.C. card 73-602240
- 10181 484. Review of rate constants of selected reactions of interest in reentry flow fields in atmosphere [with list of references; by] M. H. Bortner. May 1969. iv+42+[18] p. il. 4° (Space Sciences Laboratory, Missile and Space Division, General Electric Company.) [Review supported by Advanced Research Projects Agency of Department of Defense under project DEFENDER.] \* Paper, 60c.

NATIONAL CAPITAL HOUSING AUTHORITY  
Washington, DC 20430

- 10182 Annual report [fiscal year] 1968, National Capital Housing Authority. [1969.] cover title, 24 p. il. 4° † ● Item 430-A-3  
L.C. card 36-27602 DC 57.1:968

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

NOTE.—The National Center for Social Statistics was established as part of Social and Rehabilitation Service to provide staff coordination, direction, and advice for all statistical activities and programs for SRS.

- 10183 State maximums and other methods of limiting money payments to recipients of special types of public assistance, Oct. 1968. [1969.] 3+[5] p. 4° (NCSS report D-3 (10/68).) [Issued with perforations.] †  
FS 17.626:968

NATIONAL GUARD BUREAU, Defense Dept.  
Washington, DC 20310

- 10184 Annual report, chief, National Guard Bureau, fiscal year 1968. [1969.] 88+[2] p. il. 4° †  
L.C. card 30-5138 D 12.1:968

NGB pamphlets. † ● Item 358 D 12.8:(nos.)

- 10185 44-1. Competitive marksmanship, training program. [Apr. 15, 1969.] cover title, 20+[1] p. 4° (ANG pamphlet 50-8. Departments of Army and Air Force.) [Issued with perforations. Supersedes NGB pamphlet 44-1, Apr. 30, 1965, including all changes.]
- 10186 51-5. Civilian personnel: Technician performance rating plan. [Apr. 15, 1969.] 1+10+[1] p. 4° (ANG manual 40-3; Departments of Army and Air Force.) [Issued with perforations.]

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

- 10187 Economics of highway emergency ambulance services. Mar. 1969. cover title, [4]+63 p. il. 4° [Prepared under contract FH-11-6541, by Dunlap and Associates, Inc., Darien, Conn.] \* Paper, 65c. ● Item 982-D-1  
L.C. card 72-602394 TD 2.202:Am 1

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- 10188 Motor vehicle safety standards, with amendments and interpretations through Apr. 1969. [1969.] cover title, viii+391 p. 4° † ● Item 982-D-3.  
L.C. card 70-602215 TD 2.206 : M 85/969

## NATIONAL INSTITUTES OF HEALTH, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 10189 Bibliography of scrapie; compiled by Clarence J. Gibbs, jr., D. Carleton Gajdusek, and Juliette Harvey. [1969.] [1]+67 p. 4° (National Institute of Neurological Diseases and Stroke.) † ● Item 506-A  
L.C. card 73-602188 FS 2.22/13 : Scr 16
- 10190 Career in administration at National Institute of Health. [Revised 1969.] [1969.] cover title, [20] p. il. 4° ([Public Health Service Publication 1446.]) \* Paper, 50c. ● Item 507  
FS 2.22 : Ad 6/969
- 10191 Guide to Federal financial aid for dental health, services, facilities, training, research. [1969.] xi+37 p. oblong 12° (Bureau of Health Professions Education and Manpower Training, Division of Dental Health.) † ● Item 507-H  
L.C. card 76-602395 FS 2.22/15 : D 43/2
- 10192 International directory of gerontology. [1969.] xiv+330 p. (National Institute of Child Health and Human Development, Public Health Service.) [Prepared by Gerontological Society, Inc., for National Institute of Child Health and Human Development under contract PH 43 65 646, June 1965-Mar. 1968.] \* Paper, \$2 :50. ● Item 507  
L.C. card 73-602267 FS 2.22 : G 31/4
- 10193 National Institutes of Health almanac; prepared by Office of Information, NIH. [1969.] vi+136 p. 4° [Text and illustration on p. 3 and 4 of cover.] † ● Item 507  
FS 2.22 : A1 6/969
- 10194 Natural fluoride content of community water supplies. 1969. iii+75 p. il. 4° (Bureau of Health Professions Education and Manpower Training, Division of Dental Health.) † ● Item 507  
L.C. card 70-602399 FS 2.22 : F 67/2

Resources for medical research and education, report. (Office of resources Analysis.)

- 10195 17. Contribution of medical schools and universities through advanced degree programs. 1951-67, to training of medical school facilities; [prepared by Mildred W. Whitman]. Apr. 1969. vi+24 p. il. 4° [Title on cover is: Resources for biomedical research and education, etc.] \* Paper, 35c. ● Item 507-U  
FS 2.22/33 : 17

## NATIONAL LABOR RELATIONS BOARD Washington, DC 20570

- 10196 Card problem, partial solution, remarks of Sam Zagoria, Member, National Labor Relations Board at dinner meeting of Industrial Relations Alumni Association, University of California, Los Angeles, Calif., May 20, 1969. [1]+8+[1] p. 4° (R-1143.) †  
LR 1.7 : Z 1/21

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

- 10197 Annotated bibliography of biomedical computer applications; compiled [by] Ruth Allen. [6]+216 p. 4° [1969.] [Prepared by Interuniversity Communications Council, Inc. (EDUCOM), under contract PH-43-67-1152.] † ● Item 508-F  
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JULY 1969

NATIONAL MUSEUM, Smithsonian Institution  
Washington, DC 20560

Bulletin.

- 10198 250. Contributions from Museum of History and Technology, papers. 59-64, on history [title page, contents, and index]. 1969. v+[1]+201-203 p. 4° (Museum of History and Technology.) † ● Item 919  
SI 3.3: 250/t.p.& cont.

Contributions from National Herbarium.

- 10199 v. 34, pt. 3. Systematic anatomy and ontogeny of stem in Passifloraceae [with list of literature cited]; by Edward S. Ayensu and William L. Stern. 1964. p. [1], 45-73, 12 p. of pl. † ● Item 920  
L.C. card 64-62377  
SI 3.8: 34/3

NATIONAL PARK SERVICE, Interior Dept.  
Washington, DC 20242

- 10200 Camping in National park system. [1969.] [12] p. il. oblong 8° folded into narrow 8° size. \* Paper, 20c. ● Item 646-C  
I 29.71: 969
- 10201 De Soto National Memorial, Fla. [1968.] [8] p. il. narrow 24° †  
I 29.21: D 46/2/968
- 10202 Fishing in National park system. [Revised 1969.] [1969.] cover title, 16 p. il. narrow 8° [Map on p. 3 of cover.] \* Paper, 30c. ● Item 648  
I 29.2: F 53/3/969
- 10203 Hampton [National Historic Site, Md.]. [1962.] [2] p. il. f° folded into oblong 24° size. \* Paper, 10. ● Item 650  
I 29.21: H 18/969
- 10204 Historic structures report, pt. 2, historical data [section]: Andrew Johnson House (1831-51) [with bibliography]; by John W. Bond. Dec. 9, 1968. [3]+vii+84 leaves, 17 pl. 4° (Division of History, Office of Archeology and Historic Preservation.) †  
L.C. card 77-602284  
I 29.2: An 2
- 10205 — Battery Jasper, Fort Sumter National Monument, Sullivan's Island, S.C. [with bibliography]; by Edwin C. Bearss. [Oct. 31, 1968.] [1]+iv +88 leaves, 30 pl. 4° (Division of History, Office of Archeology and Historic Preservation.) †  
L.C. card 73-602283  
I 29.2: B 32
- 10206 John Fitzgerald Kennedy National Historic Site, Mass. [1969.] [8] p. il. narrow 8° \* Paper, 10c. ● Item 650  
I 29.21: J 61/2/969
- 10207 Mammoth Cave National Park, Ky. [Revised 1969.] [1969.] [2] p. il. oblong large 8°, folded into narrow 24° size. † ● Item 651  
I 29.6: M 31/5/969
- 10208 Mount Rainier National Park, Wash. [1969.] [2] p. il. oblong large 8°, folded into narrow 24° size. † ● Item 651  
I 29.6: M 86/17/969
- 10209 Visitor accommodations furnished by concessioners in areas administered by National Park Service. [Feb. 1969.] cover title, [1]+21 p. map †  
I 29.70: 969

NATIONAL SCIENCE FOUNDATION  
Washington, DC 20550

Reviews of data on science resources.

- 10210 17. Research and development in industry, 1967, preliminary report on R&D funds and R&D scientists and engineers (Jan. 1968); prepared in Industry Studies Group of Foundation's Office of Economic and Manpower Studies. 1969. 8 p. il. 4° (NSF 69-12.) \* Paper, 10c. ● Item 834-G  
NS 1.11/2: 17
- 10211 Scientists, engineers, and physicians from abroad, fiscal years 1966 and 1967; [prepared by Joseph P. Gannon]. [1969.] viii+31 p. il. 4° (Surveys of science resources series; NSF 69-10.) \* Paper, 45c. ● Item 834-T  
L.C. card 71-602359  
NS 1.22: Sci 2/2/966-67

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# GOVERNMENT PUBLICATIONS

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

- 10212 Weather or not, weather briefing guide for the general aviation pilot.  
-960.] [2]+ii+4 p. † TD 1.108: W 37

## NAVAL AIR SYSTEMS COMMAND, Defense Dept. Washington, DC 20360

- 10213 Technical manual: Design of electric systems for naval aircraft and missiles [with bibliographies, Jan. 15, 1964, Change notice Aug. 11, 1967. [1969.] cover title, iv+705-878 p. il. 4° (NAVAIR 01-1A-514.) [Issued in looseleaf form.] \* Paper, \$2.75. ● Item 408-B-2  
D 217.14: El 2/ch.

## NAVAL OBSERVATORY, Defense Dept. Washington, DC 20350

Publications of Naval Observatory, 2d series, v. 18.

- 10214 pt. 2. [Part 2A, Mechanical improvement of 26-inch refractor, with list of references, by A. H. Mikesell; Part 2B, Study of optical properties of 26-inch refractor, with list of references, by R. K. Riddle.] 1968 [published 1969]. 31 p. il. 4° † ● Item 398  
L.C. card 75-602183 D 213.10: 18/pt.2

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

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

- 10215 68-56. Temperature, salinity, and density of world's seas: East China Sea [with bibliography; by Sandra E. Seim and Douglas R. Hamilton]. Aug. 1968. cover title, x+82+2 p. il. 4°
- 10216 68-61. Earthquake, tsunamis, and volcanoes in northeastern Indian Ocean [with list of references; prepared by Geology Section, Environment Branch, Oceanographic Analysis Division]. Aug. 1968. cover title, ii+11+2 p. il. 4°
- 10217 68-63. HYDRA [hydrographic digital positioning and depth recording] survey system development, test and evaluation; [by John N. Spinning, Dan G. Dixon, and Michael G. Paradis]. Oct. 1968. cover title, iii-vi+38+2 p. il. 4°
- 10218 68-88. Oceanographic cruise summary reconnaissance survey of Sea of Japan [with bibliography; by John M. Wageman]. Dec. 1969. cover title, [12] leaves+2 p. il. 4°
- 10219 68-115. Infrared scanning the Arctic pack ice [with list of references; by R. D. Ketchum jr., and W. I. Wittmann]. Dec. 1968. cover title, iii-vi+27+2 p. il. 4°
- 10220 69-11. Empirical equation for determination of maximum side-aspect target strength of individual fish [with list of references; by Richard H. Love]. Jan. 1969. cover title, iii-v+17+2 p. il. 4°
- 10221 69-23. Computer programs and subroutines for automated cartography; [prepared by Joseph Parrinello]. Mar. 1969. cover title, [7]+17+2 p. 4°
- 10222 69-27. Surveymarine, high speed hydrographic survey platform; [by John N. Spinning, Dan G. Dixon]. Feb. 1969. cover title, iii-viii+18+2 p. il. 4°

Monthly summary, The Gulf Stream, supplement.

- 10223 1. Historical mean surface temperature data, western North Atlantic. Mar. 1969. [8] p. il. 4° (16782-GS (supp. 1.)) [Presents historical (approximately 100 years) mean temperature data for each month of year.] † Paper, 10c.  
D 203.29/2: 1

Publications.

D 203.22: (nos.)

- 10224 1-N. Catalog of nautical charts and publications, introduction pt. 1. 5th ed., May 1, 1968. [1968.] [3]+14 p. il. f° †  
L.C. card 62-64948
- 10225 1-N. Catalog of nautical charts and publications, introduction pt. 2. 6th ed., July 1, 1968. [1968.] [2]+49 p. il. f° [Accompanied by sheet of Corrections affecting this publication.] † Paper, 25c.  
L.C. card 62-64948
- 10226 1-N. Catalog of nautical charts and publications, introduction pt. 3. 11th ed., Jan. 1, 1969. [1969.] [2]+39 p. il. f° [Accompanied by sheet of corrections affecting this publication.] †  
L.C. card 62-64948

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- 10227 1-N. Catalog of nautical charts and publications, region 2, Central and South America and Antarctica, 7th ed., Oct. 1, 1968. [1968.] [8]+24 p. il. f° † Paper, 25c.  
L.C. card 62-64948
- 10228 1-N. Catalog of nautical charts and publications, region 5, W. Africa and the Mediterranean, 7th ed., Sept. 1, 1968. [8]+13 p. il. f° † Paper, 25c.  
L.C. card 62-64948
- 10229 1-N. Catalog of nautical charts and publications, region 7, Australia and Indonesia, 8th ed., Dec. 1, 1968. [1968.] [8]+14 p. il. f° † Paper, 25c.  
L.C. card 62-64948
- 10230 1-N. Catalog of nautical charts and publications, region 8, Oceania, 8th ed., Jan. 1, 1969. [1969.] [8]+12 p. il. f° † Paper, 25c.  
L.C. card 62-64948
- 10231 1-N. Catalog of nautical charts and publications, region 0, United States, 7th ed., Nov. 1, 1968. [1968.] [8]+19 p. il. f° [Accompanied by sheet of Corrections affecting this publication.] † Paper, 25c.  
L.C. card 62-64948
- 10232 26. Sailing directions for the west coasts of Mexico and Central America, United States border to Colombian border, 9th edition 1951 [published 1969]. [335] p. il. map 4° [Formerly H.O. 84. Includes all changes through 11, July 13, 1968. Includes list of effective pages. Issued in looseleaf form.] † Paper, \$3.00; with ring binder, \$4.50. ● Item 378 (Rev. 1957)  
L.C. card 52-60977
- 10233 45. Change 9, Apr. 26, 1969, looseleaf change pages for correcting Sailing directions for Southwest coast of Norway, 1st edition, 1955. [1969.] [160] p. il. 4° [Formerly no. 139. Includes list of effective pages.] † Paper, 35c. ● Item 378 (Rev. 1957)
- 10234 47. Sailing directions for northern U.S.S.R.; v. 1, Mys Nemetskly to Mys Kanin Nos. 1st edition 1953 [reprinted 1969]. [447] p. il. 4° [Issued in looseleaf form. Includes all changes through no. 7, Oct. 28, 1967.] † Paper, \$3.00, with ring binder, \$4.50. ● Item 378 (Rev. 1957)
- 10235 95. Change 12, May 3, 1969, looseleaf change pages for correcting Sailing directions for Japan, v. 2, southern part, 2d edition, 1951. [1969.] [350] p. il. 4° [Formerly 1231. Includes list of effective pages.] † Paper, \$1.75. ● Item 378 (Rev. 1957)
- 10236 98. Change 10, May 3, 1969, looseleaf change pages for correcting Sailing directions for east coast of Siberia [2d edition, 1951]. [1969.] [69] p. il. 4° [Formerly 122A. Includes list of effective pages.] † Paper, 35c. ● Item 378 (Rev. 1957)
- 10237 117B. Change 21, Apr. 12, 1969, Radio navigational aids, Pacific and Indian Oceans area, 1969. [68] p. il. 4° [Includes list of effective pages and Notice of mariners 15, 1969. Issued in looseleaf form.] † Paper, 50c. ● Item 378 (Rev. 1957)

Special publication SU (series).

- 10238 122. Oceanographic surveys, fiscal year 1967, June 1968, cover title, v+33+2 p. il. 4° (Oceanographic Surveys Department.) † Paper, 75c.  
L.C. card 75-601640 D 203.22/3: 122

NAVAL OPERATIONS OFFICE, Defense Dept.  
Washington, DC 20390

- 10239 Civil War naval ordnance [with bibliography; by Eugene B. Canfield]. [1969.] cover title, 24 p. il. 4° (Naval History Division.) [Text on p. 3 of cover.] \* Paper, 35c. ● Item 399-A  
L.C. card 69-60003 D 207.10/2: Or 2
- 10240 Our Navy in action, color prints, series 2. [1969.] 12 sheets, each 16x20 in. (USN 0584 900 0026.) [Issued in envelope.] \* Paper, \$3.00.  
D 207.10/2: N 22/no.2

NAVAL PERSONNEL BUREAU, Defense Dept.  
Washington, DC 20390

- 10241 Aviation boatswain's mate H 3 & 2 [with reading list; prepared by Navy Training Publications Center, Memphis, Tenn.]. [1969 edition.] [1969.] cover title, iv+168 p. il. 4° (Navy Training Course; NAVPERS 10300-B.) † ● Item 404  
L.C. card 76-602214 D 208.11: Av 5/26/969
- 10242 Aviation structural mechanic E 3 & 2 [with reading list; prepared by Navy Training Publications Center, Millington, Tenn.]. [1969 edition.] [1969.] cover title, iv+363 p. il. 4° (Navy training course; NAVPERS 10309-B.) † ● Item 404  
L.C. card 61-62030 D 208.11: Av 5/27/969

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# GOVERNMENT PUBLICATIONS

- 10243 Manual of Navy enlisted classifications. July 1969. [196] p. 4° (NAV-PERS 15105-Q.) [Issued with perforations. Replaces Manual of enlisted classifications, NAVPERS 15105-P, Jan. 1969.] ‡ ● Item 403-A  
L.C. card 62-62299 D 208.6/3: C 56/969-2
- 10244 Postal clerk 1 & C [prepared by Training Publications Division, Naval Personnel Program Support Activity]. [Original edition 1964, revised 1969.] [1969.] cover title, iii+165 p. ll. 4° (Rate training manual; NAVPERS 10216-A.) ‡ ● Item 404  
L.C. card 74-602357 D 208.11: P 84/2/969
- 10245 Refrigeration and air conditioning; [prepared by Training Publications Division, Naval Personnel Program Support Activity]. [1st edition 1945, revised 1969.] [1969.] cover title, iv+103 p. ll. 4° (NAVPERS 16163-A.) ‡ ● Item 404  
L.C. card 78-602358 D 208.11/2: R 25/969
- 10246 Utilitiesman 1 & C [prepared by Training Publications Division of Naval Personnel Program Support Activity]. [Original edition 1951, revised 1969.] cover title, iv+310 p. ll. 4° (Rate training manual; NAVPERS 10657-D.) ‡ ● Item 404  
L.C. card 64-62895 D 208.11: Ut 3/2/969
- 10247 Yeoman 1 & C [with reading list; prepared by Training Publications Division, Naval Personnel Program Support Activity]. [Original edition 1946, revised 1969.] [1969.] cover title, iv+122 p. ll. 4° (Rate training manual; NAVPERS 10241-E.) ‡ ● Item 404  
L.C. card 61-61401 D 208.11: Y 4/2/969

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

NRL reports. (Naval Research Laboratory.) D 210.8:(nos.)

- 10248 6754. Initial fungus attack on tropical woods in Panamanian estuarine waters [with list of references; by] Donald D. Ritchie, Nov. 12, 1968, cover title, i+10 p. ll. 4° ([NRL problem CO3-01; project RR 007-08-44-5503.]) ‡ Paper, \$3.00 (AD 679666).
- 10249 6784. Apparent local jump in momentum transfer rate at front of flare-fresh solar plasma in interplanetary space [with list of references; by] Thomas S. Lee, and W. W. Balwanz, Dec. 31, 1968, cover title, ii+18 p. ll. 4° ([NRL problem R07-18, RR 002-10-45-5063.]) ‡ Paper, \$3.00. (AD 684762.)
- 10250 6788. Diffusion-limited, liquid-phase oxidation of n-dodecane at 200°C [with list of references; by] B. D. Boss and R. N. Hazlett, Dec. 31, 1968, cover title, ii+18 p. ll. 4° ([NRL problem CO1-05, project RR 001-06-41-5851.]) ‡ Paper, \$3.00. (AD 684763.)
- 10251 6789. Rate coefficients relevant to H<sub>2</sub> UV laser [with list of references; by] A. W. Ali and A. D. Anderson, Feb. 13, 1969, cover title, ii+18 p. ll. 4° ([NRL problem K03-08A, RR 00173-7-006252 and ARPA order 660.]) ‡ Paper, \$3.00. (AD 685193).
- 10252 6795. Biophysical studies of microbial cell walls; pt. 2, Electrophoresis, cell walls; pt. 2, Electrophoresis, apparatus and exploratory experiments [with list of references; by] R. A. Nelhef and W. H. Echols, Nov. 15, 1968, cover title, ii+24 p. ll. 4° ([NRL problem CO5-21, project RR 001-01-43-4757.]) ‡ Paper, \$3.00 (AD 679670).
- 10253 6801. Theory on afterburning in low-altitude rocket exhaust plume [with list of references; by] Richard Shao-Lin Lee and W. W. Balwanz, Oct. 15, 1968, cover title, ii+56 p. ll. 4° ([NRL problem R07-07.101, project RF 17-344-401-4503.]) ‡ Paper, \$3.00 (AD 679664).
- 10254 6802. Interaction of radon decay products with aerosols [with list of references; by] A. W. Saunders, Jr., R. L. Patterson, Jr., and L. B. Lockhart, Jr., Dec. 31, 1968, cover title, ii+24 p. ll. 4° ([NRL problem CO6-06, RR 001-05-42-4851.]) ‡ Paper, \$3.00 (AD 684437).
- 10255 6808. Wetting of low-energy surfaces by nonaqueous solutions of dimethylsiloxane-containing or fluorocarbon-containing surfactants [with list of references; by] W. D. Bascom, Laura A. Halper, and N. L. Jarvis, Feb. 27, 1969, cover title, 12 p. ll. 4° ([NRL problem CO2-10, project RR 001-01-434751.]) ‡ Paper, \$3.00 (AD 685194).
- 10256 6812. Interaction of water vapor with pristine E-glass fiber [with list of references; by] Victor R. Deltz, Dec. 31, 1968, cover title, ii+22 p. ll. 4° ([NRL problem CO5-23.301, project A-32-520/653/69/R007-04-01.]) ‡ Paper, \$3.00 (AD 686377).
- 10257 6819. Static equilibrium configuration of cable arrays by use of method of imaginary reactions [with list of references; by] Richard A. Skop and George J. O'Hara, Feb. 28, 1969, cover title, ii+36 p. ll. 4° ([NRL problems FO2-23, FO2-24, projects RR 009-03-45-5806, RR 009-03-45-5807.]) ‡ Paper, \$3.00 (AD 68195).

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# JULY 1969

- 10258 6821. Photophysical processes in polymer photodegradation, intrachain triplet transfer in Poly(1-Vinylnaphthalene) and Poly(1-Vinylnaphthalene-co-Methyl methacrylate) [with list of references; by] R. B. Fox and R. F. Cozzens. Mar. 17, 1969. cover title, ii+10 p. il. 4° ([NRL problem C04-04.101, project RR 001-02-43-4801.]) Φ Paper, \$3.00 (AD 686020).
- 10259 6822. New NRL acoustic research tank facility [with bibliography; by] J. Chervenk. Feb. 14, 1969. cover title, ii+40 p. il. 4° ([NRL problem S02-12, project SF 101-13-18-8047.]) Φ Paper, \$3.00 (AD 685196).
- 10260 6823. Scattered-field response of a linear array to step-function illumination [with list of references; by] O. D. Sledge. Feb. 13, 1969. cover title, ii+30 p. il. 4° ([NRL problem R02-44, project ARPA order 820. Accompanied by addendum.]) Φ Paper, \$3.00 (AD 685-197).
- 10261 6829. Amplitude scintillation at Randle Cliff derived from ATS-1 transmissions [with list of references; by] John M. Goodmand and John E. Blundy. Mar. 17, 1969. cover title, ii+60 p. il. 4° ([NRL problem R02-05, project RF 001-02-4001.]) Φ Paper, \$3.00 (AD 685632).
- 10262 6848. Effective length and internal impedance of elements of receiving array [with one reference; by] O. D. Sledge and Jon D. Wilson. Mar. 17, 1969. cover title, ii+12 p. il. 4° ([NRL problem R02-44, project ARPA order 820.]) Φ Paper, \$3.00 (AD 686021).
- 10263 6849. Fungus-inhibitive coatings in jungle environment [with list of references; by] F. T. Brannan, J. B. Bultman, and J. M. Leonard. Feb. 19, 1969. cover title, ii+14 p. il. ([NRL problem C03-02, project RR007-08-44-5504.]) Φ Paper, \$3.00 (AD 684764).
- 10264 6850. Upper-atmosphere-density determination using NRL artificial satellites [with list of references; by] R. Brescia. Mar. 27, 1969. cover title, i+10 p. il. 4° ([NRL problem R04-16, project A 37538/652/69F48232751.]) Φ Paper, \$3.00 (AD 686068).
- 10265 6852. Systematic errors in ultrasonic propagation parameter measurements: pt. 4. Effect of finite thickness elastic solid tubes enclosing liquid cylinder of interest [with list of references; by] Vincent A. Del Grosso. Nov. 15, 1968. cover title, xii+130 p. il. 4° ([NRL problem S01-02, project RF 05-511-401-5251.]) Φ Paper, \$3.00 (AD 679673).
- 10266 6857. Procedures for analysis of metals, alloys, and other materials of research: pt. 3. Spectrophotometric procedure for determination of trace amounts of cobalt in ferrous alloys [with list of references; by] O. R. Gates. Dec. 31, 1968. cover title, ii+10 p. il. 4° ([NRL problem M01-20, project RR 001-05-42-5422.]) Φ Paper, \$3.00 (AD 685638).
- 10267 6858. Noncoherent detection of nonfluctuating targets in contaminated-normal clutter [with list of references; by] G. V. Trunk. Mar. 21, 1969. cover title, ii+12 p. il. 4° ([NRL problem R02-54, project RF 05-151-402-4010.]) Φ Paper, \$3.00 (AD 685634).
- 10268 6880. Hypothesis of siloxane degradation at high temperature and effect of cerium-based inhibitor [with list of references; by] A. D. Britt and W. B. Moniz. Mar. 13, 1969. cover title, 12 p. 4° ([NRL problem C07-04, project RR 001-05-42-4806.]) Φ Paper, \$3.00 (AD 685635).
- 10269 6893. VLF effective ground conductivity map of Canada and Greenland with revisions derived from propagation data [with list of references; by] J. P. Hauser, W. E. Garner, and F. J. Rhoads. Mar. 4, 1969. cover title, ii+54 p. il. 4° ([NRL problem R01-39, project X-1508, task G82205.]) Φ Paper, \$3.00 (AD 684767).
- 10270 6913. Coupling of fracture mechanics and transition temperature approaches to fracture-safe-design [with list of references; by] F. J. Loss and W. S. Pellini. Apr. 14, 1969. cover title, ii+30 p. il. 4° ([NRL problems M01-14, RR 007-01-46-5409, AEC-83V-80507V, and M01-25, RR 007-01-46-5432.]) Φ Paper, \$3.00 (AD 686022).

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

- 10271 Reliability design handbook, Change 2; by Computer Applications Incorporated, Aug. 1968. [341] p. il. 4° (NAVSHIPS 94501; Technical Support Branch, Naval Ship Engineering Center.) [Issued in looseleaf form.] \* Paper, \$2.75. ● Item 412-B D 211.6/2: R 27/ch.2

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

- 10272 United States Ship Scorpion (SSN-589, in memorium. 1969. vii+64 p. il. 4° [Some illustrations are colored.] † ● Item 370 L.C. card 78-602279 D 201.2: Sco 7

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

- 10273 1966 petroleum supply and demand in free world. June 1, 1968. cover title, [2]+19 leaves, il. 4° † L.C. card 78-600231 I 64.2: P 44/4

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# GOVERNMENT PUBLICATIONS

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

- 10274 Manual of patent examining procedure [3d edition, Nov. 1961, revised pages.] [Rev. Apr. 20, 1969.] [1969.] [86] p. [Includes instructions regarding revision no. 20. Issued in looseleaf form.] \* Paper, \$8.50 (including basic manual and supplementary material for an indefinite period); \$250 additional for foreign mailing. C 21.15: 961/rev.notice 20

## 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.

- 10275 1.6-cent stamp envelope on sale at Washington, D.C., June 16, 1969. 10.5x8 in. P 1.26/2: En 8/8  
10276 6-cent California bicentennial commemorative postage stamp available at your local post office July 17, 1969. 10.5x8 in. P 1.26/2: C 12  
10277 Cost ascertainment report, cost of carrying and handling several classes of mail matter and of performing special services for fiscal year 1968. 1969. iv+92 p. oblong 8" [Some pages are printed as leaves. Exhibit and table index on inside back cover. Edge index on p. 4 of cover.] \* Paper, \$1.00. • Item 844 P 4.6: 968

State postal maps.

- 10278 Alabama, Jan. 1, 1969. Scale 50 m.=4.2 in. Feb. 1, 1969. 22x32 in. \* Paper, 35c. P 1.39/2: A 11b/969  
Inset: Birmingham and vicinity  
10279 South Dakota, Mar. 1, 1969. Scale 50 m.=3.8 in. Mar. 1, 1969. 32x24 in. \* Paper, 35c. P 1.39/2: So 8 d/969

## PRESIDENT OF UNITED STATES Washington, DC 20501

- 10280 12th annual report of President of United States on trade agreements program, 1967. [1968.] cover title, [4]+96 p. il. 4° [Also issued as H. doc. 394, 90th Congress, 2d session. See Entry no. 17105, Dec. 1968 Monthly catalog.] \* Paper, \$1.00. Pr 36.10: 967  
10281 Citizens Advisory Committee on Recreation and Natural Beauty annual report to the President and President's Council on Recreation and Natural Beaut. June 1968. cover title, [1]+37 p. † Citizens Advisory Committee on Recreation and Natural Beauty, 1700 Pennsylvania Ave. NW., DC 20006 L.C. card 79-601999 Pr 36.8: R 24/C 49/968  
10282 Designing public transportation for use by the handicapped; by Edward H. Noakes. [1969.] [4] p. il. [Reprinted from Performance, the story of the handicapped, monthly publication of the President's Committee on Employment of the Handicapped.] † President's Committee on Employment of the Handicapped, 7131 Department of Labor Building, Washington, DC 20210 PrEx 1.10/3a: T 687  
10283 Halfway or more? [by H. A. Moses]. [1969.] [1]+14 p. 4° (President's Committee on Employment of the Handicapped.) [Reprinted from Rehabilitation record, Jan. and Feb. 1969 issue, published by Rehabilitation Service Administration, Department of Health, Education, and Welfare.] † President's Committee on Employment of the Handicapped, 7131 Department of Labor Bldg., Washington, DC 20210 PrEx 1.10: H 11

National Commission on Urban Problems: Research report.

- 10284 18. Fragmentation in land-use planning and control; by James G. Coke and John J. Gargan. 1969. v+91 p. 4° \* Paper, \$1.00. • Item 851-J L.C. card 75-602333 Pr 36.8: Ur 1/2/R 31/no.18

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- 10285 Panel reports of Commission on Marine Science, Engineering and Resources. [1969.] \* Paper, \$10.25 per set of 3 volumes. ● Item 851-J  
L.C. card 75-602045 Pr 36.8: M 33/P 19/v.1-3  
v. 1. Science and environment. [364] p. il. 4° [Includes bibliography of current Federal research programs.]  
v. 2. Industry and technology, keys to oceanic development. [321] p. il. 4°  
v. 3. Marine resources and legal-political arrangements for their development [with list of references]. [471] p. il. 4°
- 10286 Presidential scholars, 1969. [1969.] [15] p. narrow 8° † ● Item 851-J  
Pr 36.8: Sch 6/Sch 6/969
- 10287 President's Council on Recreation and Natural Beauty. [1969.] [1]+7 p. il. narrow 8° † Bureau of Outdoor Recreation, Department of Interior, Washington, DC 20240  
Pr 36.8: R 24/R 24/968
- 10288 President's Task Force on Communications Policy, final report. Dec. 7, 1968. [440] p. 4° \* Paper, \$4.50. ● Item 851-J  
L.C. card 76-602178 Pr 36.8: C 73/C 73
- 10289 Speech of Dr. Gudmund Harlem, President, International Society for Rehabilitation of the Disabled, May 1, 1969, at President's Committee annual meeting. [1969.] 6 leaves, 4° (President's Committee on Employment of the Handicapped.) † President's Committee on Employment of the Handicapped, 2131 Department of Labor Building, Washington, DC 20210  
PrEx 1.10/2: H 22
- 10290 To your future . . . with love. [1968.] cover title, [16] p. il. narrow 8° ([President's Committee on Mental Retardation.]) † President's Committee on Mental Retardation, Washington, DC 20201  
Pr 36.8: M 52/F 98

**PUBLIC DEBT BUREAU, Treasury Dept.  
Washington, DC 20220**

- 10291 Tables of redemption values for United States savings bonds, series A-E, for all months from July-Dec. 1969. [1969.] [2]+12 p. f° [Tables are issued as perforated detachable sheets. This edition contains only tables for E series.] \* Paper, \$1.00 for 3 yrs.; 50c. additional for foreign mailing, single copy 20c. ● Item 970-A (Rev.) T 63.209: 969-2

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

- Price list PL (series). † ● Item 554 GP 3.9: (nos.)
- 10292 43. Forestry, managing and using forest and range land, including timber and lumber, ranges and grazing, American woods; June 1969. 57th edition. [1969.] il+7 p.  
L.C. card 26-26171
- 10293 65. Foreign relations of United States, publications relating to foreign countries; June 1969. 44th edition. [1969.] [2]+35 p.  
L.C. card 25-27511
- 10294 Vacation ideas, the outdoor trek is on! [publications] available from Superintendent of Documents, Government Printing Office, Washington, DC 20402. [1969.] [2] p. 4°, folded into oblong 48° size. † ● Item 552  
GP 3.22: V 13/5

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

**Analytical Reference Service study.**

- 10295 33. Water fluoride no. 3 [with bibliographies; by] Earl F. McFarren, B. J. Moorman and J. H. Parker. 1969. xv+58 p. il. ([Publication 1895]; Consumer Protection and Environmental Health Service, Environmental Control Administration, Cincinnati, Ohio.) † ● Item 483-F FS 2.300/5: 33
- 10296 Careers for nurses in Federal Health Programs Service. [Apr. 1969.] cover title, 8 p. il. ([Publication 1922]; Health Services and Mental Health Administration.) [Text on p. 2-3 of cover. Some illustrations are colored.] † ● Item 485 FS 2.2: N 93/67

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# GOVERNMENT PUBLICATIONS

- 10297 Computerized projected analysis of Indian Health Service family planning program [with bibliography: by Gerald L. Portney]. [Oct. 1968.] cover title, [2]+ii+16 p. il. 4° (Health Services and Mental Health Administration, Indian Health Service, Health Program Systems Center, Tucson, Ariz.) ‡  
FS 2.2: In 25/19
- 10298 Demographic and socio-cultural characteristics, Papago Indian reservations, Ariz.; [by] Nadine H. Rund, Herman Siegel, Ella G. Rumley. Tucson, Ariz., Sept. 1968. [9]+115+[6] p. 4° ([Health Services and Mental Health Administration], Division of Indian Health, Health Program Systems Center.) ‡  
L.C. card 73-602354  
FS 2.2: P 19
- 10299 Diabetes control, public health program guide [with list of references]. Revised 1969. [1969.] v+57 p. ([Publication 506]; Diabetes and Arthritis Control Programs, Division of Chronic Disease Programs, Regional Medical Programs Service, Health Services and Mental Health Administration.) \* Paper, 40c. ● Item 496-A  
L.C. card 58-62487  
FS 2.6/2: D 54/969
- 10300 1969 directory of migrant health projects assisted by Public Health Service grants. Mar. 1969. iii+178 p. il. 4° (Community Health Service, Health Services and Mental Health Administration.) [Issued with perforations.] ‡ ● Item 485  
L.C. card 70-602348  
FS 2.2: M 58/6/969
- Emergency health series.
- 10301 F-19. Packaged disaster hospital, series 10,000 mod A, component listing and storage data. [1969.] x+62 p. 4° ([Publication 1071-F-19]; Health Services and Mental Health Administration, Division of Emergency Health Services.) ‡ ● Item 486-E  
FS 2.302: F-19
- 10302 Environmental health protection [address] by Charles C. Johnson, jr., Administrator, Consumer Protection and Environmental Health Service, Public Health Service, Department of Health, Education, and Welfare, for presentation at Southern Regional Legislative Seminar on Current public health problems, sponsored by Southern Conference of Council of State Governments, Atlanta, Ga., Apr. 12, 1969. [1969.] 26 leaves, 4° ‡ ● Item 481-D  
FS 2.30: J 63/3
- Environmental health series: Air pollution
- 10303 AP-26. Workbook of atmospheric dispersion estimates [with list of references: by] D. Bruce Turner, Air Resources Field Research Office, Environmental Science Services Administration. Revised 1969. [1969.] vii+84+[11] p. il. 4° ([Publication 999-AP-26]; Consumer Protection and Environmental Health Service, National Air Pollution Control Administration, Cincinnati, Ohio.) [Issued with perforations.] ‡ ● Item 483-F  
L.C. card 77-602197  
FS 2.300: AP-26/2
- 10304 Guidelines for development of air quality standards and implementation plans [with list of references]. May 1969. [1]+iv+53 p. il. 4° (National Air Pollution Control Administration, Consumer Protection and Environmental Health Service.) ‡ ● Item 496-A  
L.C. card 72-602193  
FS 2.6/2: Ai 7/3
- Health information series. ● Item 486  
FS 2.50:(nos.)
- 10305 95. Cerebral palsy, hope through research; [prepared by Information Office, National Institute of Neurological Diseases and Stroke, National Institutes of Health]. [Revised 1969.] [1969.] 7+[11] p. narrow 8° ([Publication 713.]) \* Paper, \$5.50 per 100; single copy, 10c.
- 10306 141. Bats: [prepared by National Communicable Disease Center, Atlanta, Ga.]. [Mar. 1969.] [1969.] [4] p. narrow 8° ([Publication 1702.]) \* Paper, \$2.00 per 100; single copy, 5c.
- 10307 HEW's eight-point program to combat coal miners' pneumoconiosis [remarks], by Charles C. Johnson, jr., Administrator, Consumer Protection and Environmental Health Service, Public Health Service, Department of Health, Education, and Welfare. May 1969. 3+14 p. 4° [For presentation at session on dust control and health, American Mining Congress, Pittsburgh, Pa., May 5, 1969.] ‡ ● Item 481-D  
FS 2.30: J 63/6

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- 10308 Hill-Burton is . . . [Dec. 1968.] [28] p. il. 4" ([Publication 930-F-13; Health Services and Mental Health Administration, Health Facilities Planning and Construction Service.]) \* Paper, 45c. ● Item 486-D  
L.C. card 75-602175 FS 2.74/3: F-13
- 10309 Hill-Burton program, progress report, July 1, 1947-June 30, 1968. [1969.] vi+68 p. il. 4" ([Publication 930-F-3 revised 1968; Hospital and medical facilities series, Hill-Burton program, Reports-analysis]; Health Services and Mental Health Administration, Health Facilities Planning and Construction Service, Office of Program Planning and Analysis.) [Includes list of related publications.] \* Paper, 70c. ● Item 486-C  
L.C. card 61-64719 FS 2.95: 947-68
- 10310 Homemaker-home health aide in health services, report of workshop, Mar. 5-6, 1968, Pittsburgh, Pa. [1969.] [2]+17 p. 4" (Division of Medical Care Administration, Health Services and Mental Health Administration.) ‡  
FS 2.2: H 75/15
- 10311 Indian health trends and services; [prepared by Charles A. Hill, jr., 1969 edition. Mar. 1969. xii+78+[1] p. il. oblong 12" (Health Services and Mental Health Administration, Indian Health Service, Office of Program Planning and Evaluation, Program Analysis and Statistics Branch.) † ● Item 485  
FS 2.2: In 25/18/969
- 10312 1967 Indian vital statistics: Colorado; [prepared by Health Status Surveillance Staff]. [Oct. 1968.] cover title, [24] p. 4" (Health Services and Mental Health Administration, Division of Indian Health, Health Program Systems Center, Tucson, Ariz.) ‡  
L.C. card 79-602385 FS 2.86/5: C 71/967
- 10313 — Iowa; [prepared by Health Status Surveillance Staff]. [Oct. 1968.] cover title, [23] p. 4" (Health Services and Mental Health Administration, Indian Health Service, Health Program Systems Center, Tucson, Ariz.) ‡  
L.C. card 72-602386 FS 2.86/5: Io 9/967
- 10314 — New Mexico; [prepared by Vital Statistics Group]. [May 1968.] cover title, [47] p. 4" (Bureau of Health Services, PHS Indian Health Center, Division of Indian Health, Health Program Systems Center, [Office of Systems Research and Development], Tucson, Ariz.) ‡  
L.C. card 71-602383 FS 2.86/5: N 42m/967
- 10315 — North Dakota; [prepared by Health Status Surveillance Staff]. [Jan. 1969.] cover title, [36] p. 4" (Health Services and Mental Health Administration, Indian Health Service, Health Program Systems Center, Tucson, Ariz.) ‡  
L.C. card 70-602388 FS 2.86/5: N 81d/967
- 10316 — Oklahoma; [prepared by Health Status Surveillance Staff]. [Jan. 1969.] cover title, [40] p. 4" (Health Services and Mental Health Administration, Indian Health Service, Health Program Systems Center, Tucson, Ariz.) ‡  
L.C. card 75-602384 FS 2.86/5: Ok 4/967
- 10317 — South Dakota; [prepared by Health Status Surveillance Staff]. [Jan. 1969.] cover title, [46] p. 4" (Health Services and Mental Health Administration, Indian Health Service, Health Program Systems Center, Tucson, Ariz.) ‡  
L.C. card 76-602387 FS 2.86/5: So 8d/967
- 10318 — Utah; [prepared by Health Status Surveillance Staff]. [Nov. 1968.] cover title, [38] p. 4" (Health Services and Mental Health Administration, Indian Health Service, Health Program Systems Center, Tucson, Ariz.) ‡  
L.C. card 78-602382 FS 2.86/5: Ut 1/967



# GOVERNMENT PUBLICATIONS

- 10319 International research group on refuse disposal (IRGRD) information bulletin 13-20, Dec. 1961-May 1964; translated by Warren L. Armstrong and Ferguson, Brooks & Kelly, Consulting Engineers, Inc., edited by John S. Wiley. 1969. [7]+274 p. il. 4° (Consumer Protection and Environmental Health Service, Environmental Control Administration, Bureau of Solid Waste Management.) [Published in French and German by Sekretariat: Eidg. Anstalt für Wasserversorgung, Abwasserreinigung und Gewässerschutz, Physikstrasse 5, Zurich 7/44, Switzerland, reprinted with permission.] \* Paper, \$2.50. ● Item 485  
L.C. card 79-602176 FS 2.2: In 85/3/13-20
- Mental health statistics: Series C, Methodology reports. (National Institute of Mental Health. [Health Services and Mental Health Administration].)
- 10320 1. Statistical information system for community mental health centers: [by] Philip H. Person, Jr. Mar. 1969. v+51 p. il. 4° ([Publication 1863; Health Services and Mental Health Administration.]) [Based upon Workshop on Statistics Systems for Multi-Service Local Mental Health Programs, held in Athens, Ga., Aug. 22-26, 1966, under sponsorship of Southern Regional Conference on Mental Health Statistics.] \* Paper, 70c. ● Item 491-A  
L.C. card 71-602367 FS 2.53/2-2: C/1
- 10321 Model cities planning grant awards; compiled by Planning Branch, Office of Planning and Evaluation, Division of Regional Medical Programs, Health Services and Mental Health Administration. Feb. 1969. [2]+21 p. 4° [Issued with perforations.] † ● Item 485 FS 2.2: M 72
- 10322 NAPCA, progress toward cleaner air [address by John T. Middleton, Commissioner, National Air Pollution Control Administration, Consumer Protection and Environmental Health Services]. [1969.] cover title, [1]+6 p. [Presented at meeting of Federal Business Association of Greater Cincinnati, Apr. 15, 1969.] † ● Item 481-D FS 2.30: M 58/6
- 10323 NAPCA, signposts of progress in conserving natural environment [address by John T. Middleton, Commissioner, National Air Pollution Control Administration, Consumer Protection and Environmental Health Service]. [1969.] cover title, [1]+9 p. [Presented at National Wildlife Federation Convention, Washington, D.C., Mar. 1, 1969.] † ● Item 481-D FS 2.30: M 58/5
- 10324 Narcotic addict rehabilitation act of 1966. [Revised May 1969.] [1969.] 8 p. il. narrow 8° ([Publication 1782; National Institute of Mental Health Services and Mental Health Administration (OC-15M-02).]) \* Paper, \$5.00 per 100; single copy, 10c. ● Item 507 FS 2.22: N 16/4
- 10325 National Communicable Disease Center salmonella surveillance (Report 83.) [Apr. 15, 1969.] [21] p. 4° [Issued with perforations.] † FS 2.60/12: 83
- 10326 Proceedings of National Conference on Mental Health in Public Health Training, May 27-30, 1968, sponsored by National Institute of Mental Health in cooperation with Association of Schools of Public Health; compiled and edited by Stephen E. Goldston. 1969. viii+89 p. ([Publication 1899; Health Services and Mental Health Administration, National Institute of Mental Health.]) \* Paper, 60c. ● Item 507  
L.C. card 76-602064 FS 2.22: M 52/74
- 10327 Recommendations for homemaker/home health aide training and services. 1969. [4]+15 p. il. ([Publication 1891; Health Services and Mental Health Administration, Community Health Service, Division of Health Resources.]) \* Paper, 25c. ● Item 485  
L.C. card 78-602293 FS 2.2: H 75/14
- 10328 Remarks by Charles C. Johnson, Jr., Administrator, Consumer Protection and Environmental Health Service, Public Health Service, Department of Health, Education, and Welfare, for presentation at Iowa Public Health Association 42d annual meeting, May 1, 1969, Des Moines, Iowa. May 1969. [4]+19 p. 4° † ● Item 481-D FS 2.30: J 63/5

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- 10329 Remarks by Charles C. Johnson, jr., Administrator, Consumer Protection and Environmental Health Service, Public Health Service, Department of Health, Education, and Welfare, for presentation at Nationwide Seminar on Unit Packaging for Pharmaceuticals sponsored by American Society of Hospital Pharmacists and Packaging Institute, Mar. 27, 1969, Washington, D.C. [1969.] 14 p. 4° † ● Item 481-D  
FS 2.30: J 63/7
- 10330 Remarks by Charles C. Johnson, jr., Administrator, Consumer Protection and Environmental Health Service, Public Health Service, Department of Health, Education, and Welfare, for presentation at New Jersey Public Health Association Conference, Trenton, N.J., Apr. 23, 1969. [1969.] 20 p. 4° † ● Item 481-D  
FS 2.30: J 63/4
- 10331 Remarks by Charles C. Johnson, jr., Administrator, Consumer Protection and Environmental Health Service, Public Health Service, Department of Health, Education, and Welfare, for presentation at Water Supply and Wastewater Seminar sponsored by American Water Works Association and Water Pollution Control Federation, Washington, D.C., Mar. 4, 1969. [1969.] 9 p. † ● Item 481-D  
FS 2.30: J 63/7
- 10332 Report for consultation on metropolitan Baltimore Intrastate air quality control region [with list of references]. Apr. 1969. [1]+47+[1] p. il. 4° (Consumer Protection and Environmental Health Service, National Air Pollution Control Administration.) † ● Item 483-E  
L.C. card 77-600866  
FS 2.93/5: B 21
- 10333 Report for consultation on metropolitan Indianapolis Intrastate air quality control region [with list of references]. May 1969. [6]+55 p. il. 4° (Consumer Protection and Environmental Health Service, National Air Pollution Control Administration.) † ● Item 483-E  
L.C. card 77-600866  
FS 2.93/5: In 2
- 10334 Report for consultation on Minneapolis-St. Paul Air Quality Region. Apr. 1969. 43 p. il. 4° (Consumer Protection and Environmental Health Service, National Air Pollution Control Administration.) † ● Item 483-E  
L.C. card 77-600866  
FS 2.93/5: M 66
- 10335 Selected bibliography of regional medical programs. 1st revision Feb. 1969. [1969.] [3]+55 p. 4° ([Publication 1861]; Health Services and Mental Health Administration, Division of Regional Medical Programs.) † ● Item 481-A  
L.C. card 70-602282  
FS 2.24: M 46/2/969
- Vital and health statistics: Series 2, Data evaluation and methods research. (National Center for Health Statistics. Health Services and Mental Health Administration.)
- 10336 34. Comparability of marital status, race, nativity, and country or origin on the death certificate and matching census record, United States, May-Aug. 1960 [with list of references; by Thea Zelman Hambright]. May 1969. [1969.] iv+47 p. 4° ([Publication 1000, series 2, no. 34.]) \* Paper, 50c. ● Item 500-E  
L.C. card 75-600268  
FS 2.85/2: /no.34
- Series 4, Documents and committee reports. (National Center for Health Statistics, Health Services and Mental Health Administration.)
- 10337 11. Use of hospital data for epidemiologic and medical-care research, report of United States National Committee on Vital and Health Statistics [with list of references]. June 1969. vi+9 p. 4° ([Publication 1000, series 4, no. 11; Office of Health Statistics Analysis.]) \* Paper, 25c. ● Item 500-E  
L.C. card 70-600272  
FS 2.85/2: 4/no.11
- Series 10, Data from National Health Survey. (National Center for Health Services; Health Services and Mental Health Administration.)
- 10338 52. Current estimates from Health Interview Survey. [May 1969.] cover title, vi+73 p. il. 4° ([Publication 1000, series 10, no. 52, Division of Health Interview Statistics.]) [Prepared in cooperation with Bureau of Census.] \* Paper, 70c. ● Item 500-E  
L.C. card 65-62623  
FS 2.85/2: 10/no.52

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# GOVERNMENT PUBLICATIONS

## —Series 10, Data from National Health Survey—Continued

- 10339 53. Characteristics of persons with corrective lenses, United States July 1965–June 1966; [by Mary M. Hannaford]. June 1969. iv+44 p. il. 4° ([Publication 1000, series 10; Division of Health Interview Statistics.])  
\* Paper, 50c. ● Item 500–E  
L.C. card 74–600273

FS 2.85/2: 10/no.53

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

- 10340 America's lifelines, Federal aid for highways. [1969.] cover title, 36 p. il. narrow 8° [Text on p. 2 of cover.] \* Paper, 35c. ● Item 265  
L.C. card 70–602274

TD 2.102: L 62

### BPR program (series).

- 10341 SU4. [Electronic computer program for] coordinate transformations; developed by Jesse R. Chavez. Apr. 1968. iii+38 p. 4° ([Office of Research and Development.]) ‡

TD 2.117: SU-4

### Highway planning technical reports.

TD 2.120: (nos.)

- 10342 10. Mail survey to collect truck commodity data; [by Nathan Lieder]. Apr. 1969. cover title, 25 p. il. 4° ‡  
10343 11. Application of automated vehicle registration files to postal O-D [origin destination] surveys; [by Howard McCann and Gary Marling]. Apr. 1969. cover title, 15 p. 4° ‡  
10344 12. Determination of needed rest area comfort facilities by systems analysis; [by Howard McCann and Gary Marling]. Apr. 1969. cover title, 27 p. il. 4° ‡

- 10345 National System of Interstate and Defense Highways. [1969.] [2] p. il. oblong f° folded into oblong 8° size. \* Paper, 15c. ● Item 265

TD 2.102: In 8/969

## RECLAMATION BUREAU, Interior Dept. Washington, DC 20240

- 10346 Central Valley Project, 1968 annual report, natural resources development, irrigation, power, cities and towns, industries, flood control, recreation, fish and wildlife, navigation, salinity control. [1969.] cover title, 28 p. il. oblong 8° [Map on p. 3 of cover.] ‡  
L.C. card 51–61133

I 27.26/2: 968

### Engineering monograph. (Water resources technical publication.)

- 10347 38. Potential economic benefits from use of radioisotopes in flow measurements through high-head turbines and pumps; by Edmund Barbour. [1969.] viii+25 p. il. 4° \* Paper, 45c. ● Item 664–B  
L.C. card 71–602182

I 27.34: 38

- 10348 Proceedings, 18th annual meeting, Four-States Irrigation Council, Jan. 9–10, 1969, Building 56, Denver Federal Center, Denver, Colo. [1969.] [3]+105 p. il. 4° [Council includes Colorado, Kansas, Nebraska, and Wyoming.] ‡

L.C. card 70–602372

I 27.2: F 82/969

- 10349 Report of Upper Arkansas River basin, Colo.-Kans., appraisal of existing and potential water resource developments, Upper Arkansas River basin. May 1969. xi+146 p. 16 pl. 9 maps, 4° (Region 7, Denver, Colo., Fryingspan Arkansas Project Office, Pueblo, Colo.) ‡

I 27.2: Up 6/2

- 10350 Rio São Francisco Basin, Brazil, reconnaissance appraisal, land and water resources, v. 2: Appendix 1, Land resources [with list of literature cited]. [1967.] [3]+vii+171 p. il. 11 pl. 4° [Prepared for Agency for International Development, State Department.] ‡

L.C. card 68–61589

I 27.2: R 47/3/v.2

- 10351 Rio São Francisco Basin, Brazil, reconnaissance appraisal, land and water resources, v. 3: App. 2, Hydrology [with bibliography]. [1967.] [1]+vii+153 p. il. 17 pl. 4° [Prepared for International Development Agency, State Dept.] ‡

L.C. card 68–61589

I 27.2: R 47/3/v.3

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- 10352 Rio São Francisco Basin, Brazil, reconnaissance appraisal, land and water resources, v. 5: App. 4, Agriculture and economics, [1967.] [1]+v+137 p. il. 2 pl. 4° [Prepared for International Development Agency, State Dept.] †  
L.C. card 68-61589 I 27.2: R 47/3/v.5

- 10353 Summary report of Commissioner of Bureau of Reclamation to Secretary of Interior, fiscal year 1968, statistical appendix: pt. 4, [Project data]. [1969.] iv+353 p. 4° † ● Item 663-A I 27.1/2: 968/pt.4

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

- 10354 Opportunity for the blind and visually impaired through vocational rehabilitation. [1969.] 20 p. il. narrow 8° † ● Item 529 FS 17.102: B 61

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

- 10355 30th annual report of energy purchased by REA borrowers fiscal year ended June 30, 1968. [May 1969.] cover title, 94 p. 4° † ● Item 116  
L.C. card 52-64400 A 68.3: 111-2/13

## SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

- 10356 List of companies registered under investment company act of 1940, as of June 30, 1968; prepared by Division of Corporate Regulation. [1969.] cover title, i+66 p. 4° †  
L.C. card 68-62602 SE 1.2: In 8/11/1968

- 10357 Securities traded on exchanges under Securities exchange act of 1934, as of Dec. 31, 1968. [1969.] [1]+iii+98 p. 4° † ● Item 907-B  
L.C. card 41-23651 SE 1.16: 968

## SHIP STRUCTURE COMMITTEE Washington, DC 20226

### SSC (series).

- 10358 195. Recommended emergency welding procedure for temporary repairs of ship steels [with list of references; by A. L. Lowenberg and P. D. Watson, Southwest Research Institute, San Antonio, Tex.] May 1969, cover title, iv+12+[2] p. il. 4° [Report from Project SR-177, High-strength low-alloy steel weldments, to Ship Structure Committee, under Department of Navy, NAVSEC contract N00024-67-C-5416 [Project SE013-03-04, Task 2022. Text on p. 2 of cover.] † Paper, \$3.00. Y 3.Sh 6:SSC-195

## SMALL BUSINESS ADMINISTRATION Washington, DC 20416

### Small business management series.

- 10359 34. Selecting advertising media; guide for small business [with bibliography]; by Harvey R. Cook. 1969. v+114 p. il. ([Procurement and Management Assistance, Office of Management Assistance.] \* Paper, 70c. ● Item 901-C  
L.C. card 72-602351 SBA 1.12: 34

### Technical aids for small manufacturers.

- 10360 91. Tested system for achieving quality control [with list of publications for further information]. Jan. 1969. 12 p. 4° † ● Item 901-I (Rev. 1969)  
SBA 1.11: 91

## SMITHSONIAN INSTITUTION Washington, DC 20560

### Atoll research bulletin.

- 10361 127. Ornithology of Marshall and Gilbert Islands [with list of literature cited]; by A. Rinion Amerson, jr. May 28, 1969. [2]+vii+348 p. il. 4° †  
● Item 910-C SI 1.25: 127

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# GOVERNMENT PUBLICATIONS

- 10362 Smithsonian year, 1968, annual report of Smithsonian Institution for year ended June 30, 1968. 1968 [published 1969.] [7]+557 p. il. ([Publication 4760.]) [Includes financial report of Executive Committee of Board of Regents. Incorporates report of United States National Museum. Also issued as H. doc. 9, 91st Cong., 1st sess.] \* Paper, \$2.75. ● Item 909 L.C. card 67-7980 SI 1.1: 968

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

- 10363 Poor people at work, annotated bibliography on semi-professionals in education, health, and welfare services; [by] Linda I. Millman [and] Catherine S. Chilman. [1969.] [1]+v+40 p. 4° (Intramural Research Division, Office of Research, Demonstrations, and Training.) † L.C. card 79-602342 FS 17.17: P 79

### Public assistance report.

- 10364 51. Characteristics of staff development provisions in State plans under Social security act, public assistance, medical assistance, child welfare services, 1967 edition. [1969.] cover title, 220 p. oblong 8° (Child Welfare Services, Staff Development report 1.) \* Paper, \$2.25. ● Item 519 FS 17.19: 51

- 10365 Publications and films, Office of Juvenile Delinquency and Youth Development. [1969.] cover title, 9 p. oblong 42° † ● Item 532-A-3 FS 17.17: J 98

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

### Actuarial note.

- 10366 51. Mortality of aged before and after medicare; by Robert J. Myers and William D. Ritchie. Apr. 1969. [2] p. 4° † FS 3.19/2: 51

### Health insurance statistics: Current medicare survey reports, CMS (series). (Office of Research and Statistics.)

- 10367 8. Medical insurance sample, prescription drugs, Mar.-Dec. 1967. June 3, 1969. 4+[7] p. 4° † FS 3.28/4: 8

### Research and statistics note, 1969 (series). (Office of Research and Statistics.) †

- 10368 6. Medical care prices fact sheet; by Loucele A. Horowitz. May 9, 1969. 4+[7] p. il. 4° FS 3.28/2: 969/(nos.)

- 10369 7. Benefits and beneficiaries under public employee retirement systems, calendar year 1968; [by] Sophie R. Dales]. May 21, 1969. 2+[3] p. 4°

- 10370 8. Magnitude and frequency of physician fee increases for selected procedures; by Loucele A. Horowitz. May 29, 1969. 4+[3] p. 4°

- 10371 9. Operations of Federal unemployment account (Reed act loan fund), Dec. 1954-Dec. 1968; [prepared by Sophie R. Dales]. June 2, 1969. [5] p. 4°

- 10372 Social security household worker statistics, 1964, household workers and their employers under old-age survivors, disability, and health insurance. Sept. 1968. cover title, [1]+31 p. 4° (Office of Research and Statistics; RS: S-4.) [Map and text on p. 2 and 3 of cover.] † L.C. card HEW 67.25 FS 3.2: H 81/964

- 10373 Social security rulings on Federal old-age, survivors, disability, and health insurance, cumulative bulletin 1968, SSR 68-1 to SSR 68-78. [1969.] viii+253 p. \* Paper, \$1.00. ● Item 523-A L.C. card HEW 60-84 FS 3.44/2: 968

### SSI (series).

FS 3.52: (nos.)

- 10374 12. Social security benefits for persons disabled since childhood. Mar. 1969. 9 p. narrow 12° † ● Item 523-B

- 10375 42. Home health benefits under medicare. [Mar. 1969.] [4] p. il. † ● Item 523-B

- 10376 43. Brief explanation of medicare health insurance for people 65 and over. [May 1969.] 11+[1] p. narrow 12° \* Paper, \$6.50 per 100; single copy 10c. ● Item 523-B

- 10377 71. Durable medical equipment under medicare. [Mar. 1969.] 4 p. † ● Item 523-B

- 10378 89. Disability evaluation under social security, handbook for physicians. Special edition. [Mar. 1969.] vii+85 p. il. † ● Item 523-B

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- 10379 135. Social security handbook, retirement insurance, survivors insurance, disability insurance health insurance for the aged. 4th edition. Feb. 1969. vii+477 p. \* Paper, \$2.25. ● Item 523-B  
L.C. card HEW 63-56
- 10380 50SP. Su guía de medicare: Su seguro de salud bajo el seguro social Federal, incluye cambios del 1967, seguro de hospital. (pt. A), seguro medico (pt. B). Sept. 1968. 32 p. il. 4° †

SOIL CONSERVATION, Agriculture Dept.  
Washington, DC 20250

- 10381 Soil survey: Allen County, Ind. [with list of literature cited; by F. R. Kirschner]. May 1969. cover title, i+76 p.+[3] leaves, il. 118 p. of pl. and maps 4° [Prepared in cooperation with Purdue Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] \* Paper, \$6.50. ● Item 102 (Rev. 1957)  
L.C. card 74-602180 A 57.38: A 25
- 10382 — Genesee County, N.Y. [with list of literature cited; by John P. Wulforst, William A. Wertz, and Richard P. Leonard]. Mar. 1969. cover title, i+179 p.+[3] leaves. il. 67 p. of pl. and maps, map in pocket, 4° [Prepared in cooperation with Cornell University Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] \* Paper, \$5.25. ● Item 102 (Rev. 1957)  
L.C. card 70-601601 A 57.38: G 28
- 10383 — Okmulgee County, Okla. [by W. A. Sparwasser, Vinson A. Bogard, and Odos G. Henson]. May 1968. cover title, ii+51 p. 63 p. of pl. and maps, 1 tab. 4° [Prepared in cooperation with Oklahoma Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] \* Paper, \$3.75. ● Item 102 (Rev. 1957)  
L.C. card Agr 68-173 A 57.38: Ok 4
- 10384 — Washington County, Ark. [with list of literature cited; by M. Dean Harper, William W. Phillips, and George J. Haley]. Mar. 1969. cover title, i+94 p. il. 91 p. of pl. and maps, 1 tab. 4° [Prepared in cooperation with Forest Service and Arkansas Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] \* Paper, \$5.25. ● Item 102 (Rev. 1957)  
L.C. card 76-602186 A 57.38: W 27/2

SPORT FISHERIES AND WILDLIFE BUREAU, Interior Dept.  
Washington, DC 20240

FHL (series). (Division of Fish Hatcheries.) † I 49.28:(nos.-letters)

- 10385 46-FL-LA. Florida and Louisiana dealers in trout and pondfishes. Revised Mar. 1969. [1969.] 2 leaves, 4°
- 10386 46-GA. Georgia dealers in trout and pond-fishes. Revised Mar. 1969. [1969.] 1 p. 4°
- 10387 46-IA. Iowa dealers in trout and pondfishes. Revised Mar. 1969. [1969.] 1 p. 4°
- 10388 46-ID. Idaho dealers in trout and pond-fishes. Revised Mar. 1969. [1969.] 3 leaves, 4°
- 10389 46-IL. Illinois dealers in trout and pond-fishes. Revised Mar. 1969. [1969.] 2 leaves, 4°
- 10390 46-IN. Indiana dealers in trout and pond-fishes. Revised Mar. 1969. [1969.] 2 leaves, 4°
- 10391 46-KY-MD. Kentucky and Maryland dealers in trout and pondfishes. Revised Mar. 1969. [1969.] 1 p. 4°

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- 10392 22-24. Efficacy of quinaldine as anesthetic for 7 species of fish; Toxicity of quinaldine to selected fishes; Quinaldine as anesthetic for brook trout, lake trout, and Atlantic salmon [with lists of references]; by Richard A. Schoettger [and others]. [1969.] [2]+10+10+5 p. il. 4° \* Paper, 35c.
- 10393 25-28. Field trials of antimycin as selective toxicant in channel catfish ponds; Laboratory studies on antimycin A as fish toxicant; Field trials of antimycin A as fish toxicant; Use of antimycin for selective thinning of sunfish populations in ponds [with lists of references]; by Ralph M. Burress [and others]. Feb. 1969. [68] p. il. 4° \* Paper, 65c.



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## Investigations in fish control—Continued

- 10394 29-31. Efficacy of methylpentynol as anesthetic on 4 salmonids; Toxicity of methylpentynol to selected fishes; Annotated bibliography on methylpentynol [with lists of references]; by Robert M. Howland [and others]. Feb. 1969. ii+11+7+7 p. 4° \* Paper, 35c.

- 10395 Man and nature in the city, symposium sponsored by the Bureau, to explore role of nature in urban environment, auditorium, Museum of History and Technology, Washington, D.C., Oct. 21, 22, 1968. [1969.] xii+92 p. il. \* Paper, \$1.00. • Item 612

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I 49.2: M 31/3

## Refuge leaflets. • Item 612-C

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- 10396 33. Savannah National Wildlife Refuge. [Jan. 1969.] [6] p. il. 4° †

- 10397 509-R2. Audubon National Wildlife Refuge. N. Dak. [Jan. 1969.] [2] p. il. oblong f°, folded into narrow 8° size \* Paper, 20c.

## Resource publications. • Item 613-B

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- 10398 70. Recreational use patterns at Flaming Gorge Reservoir, 1963-65 [with list of literature cited]; by John G. Hewston and Donald R. Franklin. Jan. 1969. viii+80 p. il. 4° (Division of Fishery Services.) \* Paper, 75c. L.C. card 77-602292

- 10399 72. Bats and bat banding, July 1968. Correction, [1969.] [2] p. il. 4° †

## Technical papers. • Item 615-A

I 49.68: (nos.)

- 10400 25. Toxicity of pesticides to crustacean Gammarus lacustris [with list of references]; by Herman O. Sanders. Jan. 1969. 18 p. 4° †

- 10401 26-27. 26, Tests of vitamin supplements and formula changes in Abernathy salmon diet, 1966-67 [with list of references], by Laurie G. Fowler and Joe L. Banks; 27, Influence of corn oil and beef tallow on growth of channel catfish [with list of references], by Harry K. Dupree. Jan. 1969. ii+19+13 p. il. 4° \* Paper, 40c.

## Wildlife leaflets. †

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- 10402 483. Wildlife imported into United States in 1968; compiled in Branch of Wildlife Permits, Division of Management and Enforcement. Feb. 1969. [4] p. il. 4°

- 10403 485. Selected list of information leaflets on wildlife. Mar. 1969. 1 p. 4°

## STATE DEPARTMENT Washington, DC 20520

Background notes. ([Office of Media Services, Bureau of Public Affairs.]) [Issued with perforations.] \* Paper, \$3.50 per yr., \$3.00 additional for foreign mailing; single copies, each 10c. • Item 862-B

- 10404 Federal Republic of Germany [with reading list]. [Revised Apr. 1969.] [1969.] 8 p. il. 4° ([Publication 7834.]) L.C. card 66-61561

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- 10405 Portuguese Guinea [with reading list]. [Revised Apr. 1969.] [1969.] 4 p. il. 4° ([Publication 7966.]) L.C. card 66-61561

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- 10406 Republic of China [with reading list]. [Revised Apr. 1969.] Apr. 1969. 7 p. il. 4° ([Publication 7791.]) L.C. card 66-61561

S 1.123: C 44/2/969

- 10407 Republic of Finland [with reading list]. [Revised May 1969.] May 1969. 5 p. il. 4° ([Publication 8262.]) L.C. card 66-61561

S 1.123: F 49/969

- 10408 Spain [with reading list]. [Revised Apr. 1969.] Apr. 1969. 4 p. il. 4° ([Publication 7800.]) L.C. card 66-61561

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- 10409 Syrian Arab Republic [with reading list]. [Revised Apr. 1969.] [1969.] 5 p. il. 4° ([Publication 7761.]) L.C. card 66-61561

S 1.123: Sy 8/969

## East Asia and Pacific series.

- 10410 180. Peace in Vietnam; [by] Richard Nixon. May 1969. cover title, [1]+11 p. 1 por. ([Publication 8467; Office of Media Services, Bureau of Public Affairs.]) [Text of address broadcast from White House, May 14, 1969.] \* Paper, 20c. • Item 870 L.C. card 75-602116

S 1.38: 180

- 10411 Foreign Affairs Research Documentation Center, special papers available: China. May 1969. cover title, [3]+ii+23 p. 4° (Office of External Research.) [List of recent publications issued by Office of External Research, on inside back cover.] †

S 1.126/2: C 44/2

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- 10412 Foreign relations of United States, diplomatic papers 1945: v. 8, Near East and Africa. 1969. vii+1339 p. ([Publication 8427, Historical Office, Bureau of Public Affairs.]) [Also issued as H. doc. 779, pt. 8, 79th Cong., 2d sess.] \* Cloth, \$6.50. ● Item 872  
L.C. card 10-3793 S 1.1: 945/v.8
- 10413 General agreement on tariffs and trade, basic instruments and selected documents: v. 4, Text of general agreement, 1969, contracting parties to general agreement of tariffs and trade, Geneva, Mar. 1969. [1969.] vi+96 p. ([Publication 8468.]) \* Paper, 45c. ● Item 876  
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- Inter-American series.
- 10414 96. Latin American Free Trade Association, progress, problems, prospects [with bibliography]; by Edward G. Cale. [May 1969.] v+61 p. 4° ([Publication 8448.]) [Report prepared under contract for Office of External Research.] \* Paper, 65c. ● Item 877  
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- International boundary study. (Geographer [Office of Strategic and Functional Research], Bureau of Intelligence and Research.)
- 10415 89. Afghanistan-China boundary. May 1, 1969. cover title, [2] leaves+4 p. 1l. 4° (Office of Research in Economics and Science.) ‡ S 1.119/3: 89
- International organizations series.
- 10416 3. North Atlantic Treaty Organization. [June 1969.] 12 p. 1l. 4° ([Publication 8458; Office of Media Services, Bureau of Public Affairs.]) [Issued with perforations.] \* Paper, 10c. ● Item 832-C S 1.70/5: 3
- 10417 Pocket guide to foreign policy information materials and services of Department of State. [Revised Apr. 1969.] [1969.] cover title, [2]+18 p. narrow 8° ([Publication 8382; Bureau of Public Affairs, Office of Media Services.]) [Text on p. 2-3 of cover.] \* Paper, 20c. ● Item 876-B  
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- Treaties and other international acts series. \* Paper, \$10.00 a yr. (approximately 150 issues), \$6.00 additional for foreign mailing; single copies vary in price. ● Item 899 S 9.10: (nos.)
- 10418 6656. Agricultural commodities, rescheduling of payments under agreement of June 28, 1966, memoranda of agreement between U.S. and Indonesia, signed Djakarta, Dec. 30, 1967, and Dec. 20, 1968; [entered into force Dec. 30, 1967, and Dec. 20, 1968, respectively.] [1969.] [2]+7 p. \* Paper, 10c.  
L.C. card 70-602187
- 10419 6663. Social security, coverage of Philippine citizens employed by USAID, JUSMAG, and Peace Corps, agreements between United States and the Philippines, effected by exchange of notes dated Manila Nov. 12, 1964, and Mar. 10, 1965 and exchange of notes dated Manila Apr. 5 and July 15, 1965; [entered into force July 15, 1965]. [1969.] [2]+9 p. \* Paper, 10c.  
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- 10420 6669. Agricultural commodities, agreement between United States and Republic of Korea, signed Seoul Apr. 8, 1969; [entered into force Apr. 8, 1969]. [1969.] [2]+3 p. \* Paper, 10c.  
L.C. card 77-601969
- 10421 6670. Weather stations, continuation of cooperative meteorological program, agreement between United States and Dominican Republic, effected by exchange of notes, signed Santo Domingo Apr. 7 and 11, 1969 [entered into force Apr. 11, 1969; effective July 1, 1968]. [1969.] [English and Spanish.] \* Paper, 10c.  
L.C. card 74-602034
- 10422 6671. Mutual defense assistance, cash contribution by Japan, arrangement between United States and Japan, relating to agreement of Mar. 9, 1954, effected by exchange of notes signed Tokyo Apr. 15, 1969; [entered into force Apr. 15, 1969]. 1969. [2]+5 p. [Japanese and English.] \* Paper, 10c.  
L.C. card 70-602250
- 10423 6673. Agricultural commodities, agreement between United States of America and Sierra Leone, signed Freetown Apr. 8, 1969; [entered into force Apr. 8, 1969.]. [1969.] [2]+4 p. \* Paper, 10c.  
L.C. card 72-602256

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## STATISTICAL REPORTING SERVICE, Agriculture Dept. Washington, DC 20250

- 10424 Fruits, noncitrus by States, 1967 and 1968, production, use, value: pt. 1, Apricots, bush berries, cherries, figs, grapes, nectarines, peaches, pears, persimmons, plums, pomegranates, prunes. May 1969. 23 p. 4° (FrNt 2-1 (5-69); Crop Reporting Board.) † A 92.11/2: 967-68/pt.1
- 10425 Hogs and pigs, Sept. 1968 (10 corn belt States). Sept. 20, 1968. 7 p. 4° (MtAn 4 (9-68); Crop Reporting Board.) † L.C. card 75-601072 A 92.18/7: 968-3
- 10426 Hogs and pigs, Mar. 1969 (10 corn belt States). Mar. 21, 1969. 7 p. 4° (MtAn 4 (3-69); Crop Reporting Board.) † L.C. card 75-601072 A 92.18/7: 969
- 10427 Naval stores, 1968-69 annual report, production, supply, distribution, consumption and stocks of turpentine and rosin and related data for United States. May 1969. 10 p. 4° (SpCr 3(69); Crop Reporting Board.) † A 92.25/2: 968-69
- SRS (series).
- 10428 15. 1968 regional summary of fruit tree surveys, selected Central States. [1969.] 19 p. 11. 4° (Crop Reporting Board.) [Prepared in cooperation with State Departments of Agriculture and Matching Funds Program, Consumer and Marketing Service.] † ● Item 24-Q A 92.34: 15

## TARIFF COMMISSION Washington, DC 20436

- 10429 Study of temporary entry provisions of title 19 of United States Code, report on use of temporary entry procedures and tentative proposals. May 1969. cover title, iii+74+[40] p. 4° (Investigation 332-45; TC publication 286.) † L.C. card 70-602337 TC 1.2: T 24
- 10430 Summaries of trade and tariff information, prepared in terms of tariff schedules of United States (TSUS): Schedule 1, Animal and vegetable products; v. 3, Fish products, shellfish, and shellfish products. 1969. vi +173+[23] p. 4° (TC publication 283.) † L.C. card 66-65793 TC 1.26/2: 1/3
- 10431 — Schedule 1, Animal and vegetable products; v. 9, Sugar, cocoa, confectionery, coffee, tea, and spices. 1969. vii+198+[41] p. 4° (TC publication 288.) † L.C. card 66-65793 TC 1.26/2: 1/9
- 10432 — Schedule 3, textile fibers and textile products, v. 4, Felts, batting, nonwoven fabrics, fish nets, machinery belts and clothing, hose, coated fabrics, and other fabrics for special purposes. 1969. vi+88+[44] p. 4° (TC publication 285.) † L.C. card 68-61786 TC 1.26/2: 3/4
- 10433 — Schedule 4, Chemicals and related products; v. 6, Organic chemicals II. 1969. viii+245+[33] p. 4° (TC publication 284.) † L.C. card 66-65799 TC 1.26/2: 4/6
- 10434 Synthetic organic chemicals, United States production and sales of surface-active agents, 1967, preliminary. June 1969. cover title, [1]+35 p. 4° † TC 1.33/2: Su 7/967

## TRANSPORTATION DEPARTMENT Washington, DC 20590

- 10435 Abbreviations and definitions for use in emergency transportation planning. Nov. 1968. cover title, [1]+22 p. 4° (Office of Emergency Transportation.) † TD 1.2: Ab 2

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- 10436 Western railroad mergers, staff study by Office of Assistant Secretary for Policy Development and Federal Railroad Administration. Jan. 1969. iii+50 p. il. 4° [Study does not necessarily represent views of department of the Executive Branch.] †  
L.C. card 75-602246 TD 1.2: R 13

## TREASURY DEPARTMENT Washington, DC 20220

- 10437 Address of David M. Kennedy, Secretary of Treasury, to 1969 graduating class, Weber State College, Ogden, Utah, June 7, 1969. 7 p. 4° (K-113.) †  
T 1.31: K 38/9

### Department circular.

- 10438 1014. Reporting on Federal aid payments to State and local governments. Revised 1969. [June 11, 1969.] 2 p. 4° (Fiscal Service, Bureau of Accounts.) †  
[Department circular no. 1014, dated Aug. 8, 1959, is hereby rescinded.] T 1.4/2: 1014
- 10439 Excerpts from remarks of David M. Kennedy, Secretary of Treasury, before Executive Committee of AFL-CIO, White Sulphur Springs, W. Va., Apr. 15, 1969. [1969.] 7 p. 4° (K-60.) † T 1.31: K 38/7
- 10440 Excerpts of remarks of Eugene T. Rossides, Assistant Secretary of Treasury before members of Rotary Club of Washington, D.C., May 21, 1969. [1969.] 10 p. (K-99.) † T 1.31: R 73
- 10441 Statement of David M. Kennedy, Secretary of Treasury of United States and United States Governor of Inter-American Development Bank, at 10th annual meeting of Board of Governors of Inter-American Development Bank, Guatemala City, Guatemala, Apr. 22, 1969. 1969. 8 p. 4° (K-67.) † T 1.31: K 38/8

## UNITED STATES INFORMATION AGENCY Washington, DC 20547

- 10442 USIA, through United States Information Agency, U.S. Government speaks to people of other countries, USIA explains American policies and actions to foreign audiences, in their own languages, and helps them understand our values, traditions and way of life. [1969.] [6] p. il. narrow 8° †  
● Item 672-B IA 1.2: In 3/3/969

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

- 10443 Travel patterns of international visitors to United States, 1967. Oct. 1968. cover title, [31] p. 4° [Prepared in cooperation with Office of Business Economics.] †  
L.C. card 74-601116 C 47.2: V 82/2/967

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

- 10444 Recent research in intergovernmental relations, reference, 1968 [with list of Sources of continuing information]. [1968.] cover title, iii+108 p. 4° (Clearinghouse Services Division, Metropolitan Development.) [Prepared with assistance of Science Information Exchange and Advisory Commission on Intergovernmental Relations. Issued with perforations.] †  
● Item 584-0 HH 8.2: In 8/968  
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## VETERANS ADMINISTRATION Washington, DC 20420

- VA pamphlets. ● Item 988 VA 1.19:(nos.)
- 10445 07-11. Guidelines for manpower utilization studies [with bibliography]. Mar. 1969. cover title, iv+79 p. il. 4° (Management Engineering Service, Office of Management Engineering and Evaluation.) ‡  
L.C. card 74-602200
- 10446 10-20. What you should know about John. [Revised Mar. 1969.] [1969.] cover title, iii+15 p. il. 12° ‡

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

- 10447 Data pertinent to review of minimum wage rates under Fair labor standards act in American Samoa. Feb. 1969. cover title, [111] p. 4° (WH69-532.) ‡  
L 22.2: Am 3/969
- 10448 Data pertinent to review of minimum wage rates under Fair labor standards act in construction industry in Puerto Rico: pt. 1, General information. Sept. 1968. cover title, ii+8 p. 4° (WH 69-215.) ‡  
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- 10449 Data pertinent to review of minimum wage rates under Fair labor standards act in laundry and cleaning industry in Puerto Rico: pt. 1, General information; [prepared by Daniel F. Sweeney]. Sept. 1968. cover title, ii+8 p. 4° (WH69-104.) ‡  
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- 10450 Data pertinent to review of minimum wage rates under Fair labor standards act in retail trade industry in Puerto Rico: pt. 1, General information; [prepared by Daniel F. Sweeney]. Sept. 1968. cover title, ii+8 p. 4° (WH69-166.) ‡  
L 22.2: R 31/5/pt.1
- 10451 Earnings data pertinent to review of salary tests for executive, administrative, and professional employees, as defined in regulations, pt. 541. June 1969. cover title, viii+85 p. 4° ([WH68-854.]) ‡ ● Item 777  
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- 10452 Working children, report on child labor, 1967 and 1968. [1969.] cover title, 21 p. ‡ ● Item 777  
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## WATER RESOURCES COUNCIL 1025 Vermont Avenue, N.W., Washington, DC 20005

- 10453 Water availability seminar, relating to criteria for type 1 comprehensive river basin studies of Missouri and Columbia-North Pacific Regions and Pacific Southwest area, Salt Lake City, Utah, July 20-21, 1967. [1969.] [3] +40 leaves. 4° ‡  
L.C. card 77-602189 Y 3.W 29: 2 Av 1/967

## WEATHER BUREAU, Commerce Dept. Washington, DC 20235

- 10454 United States and foreign coastal radio stations accepting ships weather observation messages. May 1, 1969. cover title, [1]+21 p. 4° ‡ ● Item 275  
C 30.2: C 63/2
- Weather Bureau observing handbook, WBOH (series).
- 10455 1. Marine surface observations. 1st edition 1969. [July 1, 1969.] [135] p. il. 4° (Data Acquisition Division, Office of Meteorological Operations.) [Issued with perforations. Supersedes Manual of marine meteorological observations, Circular M, 12th edition, Mar. 1964.] ‡ ● Item 275-E C 30.6/6:1

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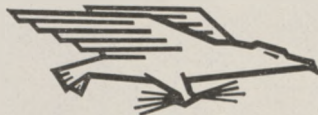
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