MONTHLY BATALOG

UNITED STATES

GOVERNMENT PUBLICATIONS

OCTOBER 1969

Entries 13537-14969

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MONTHLY CATALOG

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OF UNITED STATES

GOVERNMENT PUBLICATIONS

OCTOBER 1969

Number 897

Entries 13537-14969

Issued by the SUPERINTENDENT OF DOCUMENTS

U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402: 1969

L.C. Card 4-18088

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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. Adverse reactions to hallucinogenic drugs, with background papers. (Public

America's department of natural resources. (Interior Department, Conservation

Atlas of cometary forms. (National Aeronautics and Space Administration,

Automation of rheumatic fever registries. (Public Health Service, Publication

Health Service, Publication 1810.) \$1.25.

bulletin 39.) 40c.

NASA SP-198.) \$2.25.

Agricultural statistics, 1969. (Agriculture Department.) \$2.75.

Books related to compensatory education, Feb. 1969. (Education Office, OE-FS 2.2: R 34/2 37045.) 50c. FS 5.237: 37045 Building custodian, suggested guide for training course. (Education Office, OE-87038.) 35c. Cheese varieties and descriptions. [Revised 1969.] (Agriculture Department, FS 5.287: 87038 Agriculture handbook 54.) 65c. Cockroaches, how to control them. (Agriculture Department, Leaflet 430, re-A 1.76: 54/969 Custer Battlefield. (National Park Service, Historical handbook no. 1, revised.) A 1.35: 430/6 I 29:58:1/3 Developing human resources. (Atomic Energy Commission.) 25c. Diesel servicing, suggested two year post high school curriculum. (Education Y 3.At 7: 2 H 88 Office, OE-87045.) \$1.25. Documents on disarmament, 1968. (Arms Control and Disarmament Agency.) FS 5.287: 87045 Eat well for you and your baby who is on the way. (Children's Bureau.) 10c. AC 1.11/2:968 FS 17.202: B 11/5 Environment of Mesa Verde National Park, Colorado. (National Park Service, Archeological research series 7-D.) \$3.50. Extension work in public affairs. (Agriculture Department, PA series 932.) I 29.59: 7-D Family food buying, guide for calculating amounts to buy and comparing costs. (Agriculture Department, Home economics research report 37.) 35c. Family food stockpile for survival. (Agriculture Department, Home and garden bulletin 77, revised) 10c. How foreign policy is made. (State Department, Publication 7707, General foreign policy series 195, revised.) 50c. \$1.71:195/3 How to plan drug abuse education workshop for teachers. (Public Health Service.) 25c. FS 2.22/15: D 84 International family planning, bibliography. (Public Health Service, Publication 1917.) 35c. FS 2.22/13: F 21/2 Interstate commerce act, together with text of supplementary acts and related secions of various other acts. [Revised 1969.] (Interstate Commerce Commission.) \$3.00.

LSD-25, factual account. (Narcotics and Dangerous Drugs Bureau.) \$1.00.

IC 1 act.5: 969

J 24.8: L 99

FS 2.22: H 16/2

I 1.72: 39/4

NAS 1.21:198

Manpower research, inventory for fiscal year 1968. (Education Office, OE-12036-FS 5.212: 12036-68 Meat and poultry, labeled for you. (Agriculture Department, Home and garden 68.) \$1.75. A 1.77:172 bulletin 172.) 10c. Mental health programs for the deaf. (Public Health Service, Publication 1954.) FS 2.22: D 35 Monitors of United States Navy. (Naval Operations Office.) 50c. D 207.10/2: M 74 National policy of apprenticeship for machinist. (Apprenticeship and Training L 23.2: M 18/5 Bureau.) 20c. I 1.91: Ok 4 Natural resources of Oklahoma. (Interior Department.) 25c. Parkinson's disease, hope through research. (Public Health Service, Publication 811, Health information series no. 100, revised.) 20c. FS 2.50: 100/4 Reduction in force in Federal agencies. (Civil Service Commission, Pamphlet 41, CS 1.48: 41/12 revised.) 10c. Report on high energy physics, 1969. (Atomic Energy Commission, Research and development report, WASH 1129.) \$1.50. Y 3.At 7: 22/WASH 1129 Research relating to children. (Children's Bureau, Publication no. 24.) \$1.50. FS 17.211: 24 Riverine warfare. [Revised 1969.] (Naval Operations Office.) 65c. D 207.10/2: R 52/969 Silverfish and firebrats, how to control them. (Agriculture Department, Leaflet 412, slightly revised.) 10c. Snowmobiles. (Business and Defense Services Administration.) 10c. A 1.35: 412/6 C 41.2: Sn 6 Starting and managing a small retail camera store. (Small Business Administration, Starting and managing series, vol. 17.) 40c. SBA 1.15:17 States can help many children and families, (Children's Bureau, Publication FS 17.210: 466 466.) 15c. Study of employment of women in Federal Government, 1968. (Civil Service CS 1.48: SM 62-04 Commission, Pamphlet SM 62-04.) \$2.00. Survey of Federal Government publications of interest in small business. [3d edition, 1969.] (Small Business Administration.) 45c. SBA 1.18/2: G 74/969

United States statutes at large, vol. 82, containing laws and concurrent resolutions enacted during 2d session of 90th Congress. (Federal Register Office.) \$16.25.

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Abbreviations

amdt., amdts	chapter, chapters. Congress. Department. document. facsimile, facsimiles. fiscal year. Greenwich hour angle. House. House concurrent resolution. House document. House executive document. House of Representatives, House bill. House resolution. House report. illustration, illustrations, inch, inches.	pl	no place. number, numbers. page, pages. pages of plates. paragraph, paragraphs. plate, plates. portrait, portraits. part, parts. report. Senate, Senate bill. Senate concurrent resolution. Senate document. Senate executive document. Senate executive report. Senate joint resolution. Senate resolution. Senate resolution. Senate resolution. Senate resolution. Senate report. section, sections. session, sessions. Statutes at large. supplement. table, tables.
lat	inch, inches. latitude. longitude.	tab Treas vvs., v	table, tables. Trensury. volume, volumes. 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.

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New Classification Numbers

	Soil Conservation Service.
A 57.51: nos	Technical releases.
A 57.54: date	National Plant Materials Center annual report.
	Commerce Department.
C 1.56: date	Directory of private programs for minority
	business enterprise.
	Census Bureau.
C 3.244; nos	
O OLIZI, MONICIPELLE	Weather Bureau.
C 30.22/6: CT	
0 00.22/0. 012	Maritime Administration.
C 39.228: Reserved	maritime Auministration.
C 39.229 : date	Occanism washaut shins of 1,000 mass tong
O 39.429 : date	
	and over lost and scrapped during calendar
0.00.000 1.4	year.
C 39.230 : date	Oceangoing foreign flag merchant type ships of
	1,000 gross tons and over owned by the
	United States parent companies (semi-
	annual).
C 39.231 : date	Containerships under construction and on
	order (including conversions) in United
	States and foreign shipyards, oceangoing
	ships of 1,000 gross tons and over (semi-
	annual).
C 39.232 : date	United States flag containerships and United
	States flag ships with partial capacities for
	containers and/or vehicles (semiannual).
	Environmental Science Services Administration.
C 52.21/3: Reserved	Zirritoniacitat beteitet betriees taministiation.
C 52.21/4: date	Scientific and technical publications of ESSA
0 02.21/ 1. 0000-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	Research Laboratories.
	Note.—Formerly entitled Scientific and technical publications of Institutes for Environmental
	Research,
C 52.21/5 : date	Management information on ERL's scientific
, , , , , , , , , , , , , , , , , , , ,	and technical publications (annual).
	Defense Department.
D 7.1/10: date	
D 1.1/10. date	mentation Center.
D 7.21 : date	
L' 1,21 : URCC	trial reserve under Public law 883, 80th
	Congress.
D 105 14/4 : nos	Army Department.
D 105.14/4: nos	
	disclosure bulletin.
D 400 40	Military Academy, West Point.
D 109.10: nos	
22 000 4 4 /0 000	Naval Personnel Bureau.
D 208.14/6: CT	U.S. Naval Postgraduate School: Publications
	(unnumbered).
	Naval Facilities Engineering Command.
D 209.16: nos	NAVFAC Technical Training Center: NTTC
	courses.
	Air Force Department.
D 301.26/19: nos	USAF historical studies.

D 301.26/20: v.nos	Air University abstracts of research reports (annual).
D 301.56/3:(date)	Military Airlift Command: Airlift Service management report (annual).
	Federal Power Commission.
FP 1.30:(date)	Cost of pipeline and compressor station con- struction under non-budget type of certificate
	authorizations as reported by pipeline com-
	panies (annual). National Institutes of Health.
770 0 00 40 0 1-4-	
FS 2.22/13-9: date	NIH quarterly publications list.
FS 2.22/63: CT	Chemotherapy fact sheets.
	Public Health Service.
FS 2.60/18: date	National Communicable Disease Center food-
	borne outbreaks annual summary.
FS 2.74/6: date	Representative construction cost of Hill-Burton hospitals and related health facilities (biannual).
FS 2.86/6: date	Annual statistical review, hospital and medical
	services.
	Note.—Issued by Division of Indian Health. See, for earlier class, FS 2.2: In 25/17.
FS 2.86/7: date	Division of Indian Health, annual discharge summary.
FS 2.92/4: date	Training Institute of Environmental Control
F 5 2.32/ 4. uate	Administration, bulletin of courses (annual).
	National Library of Medicine.
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FS 2.211/3: CT	Selected list of audiovisuals.
	Sport Fisheries and Wildlife Bureau.
I 49.71: nos	Wildlife portrait series.
	Federal Water Pollution Control Administration.
I 67.19: nos	Robert A. Taft Water Research Center: Report
	TWRC-(series).
	Justice Department.
J 1.1/2: date	Annual report of Law Enforcement Assistance
0 112/ 21 (1111)	Administration.
	Narcotics and Dangerous Drugs Bureau.
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L 33.2: CT	. General publications.
L 33.3:-8: Reserved	
1, 33.9 : nos	
	report (monthly).
	Note.—See, for earlier class L 7.37 : (date).
	Training and Employment Service.
L 34.1: date	. Annual report.
L34.2: CT	General publications.
L34.3:-8: Reserved	
L 34.9: date	
	(monthly).
	Note.—See, for earlier class, L 7.51/3:(date).
	International Development Agency.
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S 18.28/a: CT	Proposed foreign aid program, fiscal year, sum-
	mary presentation to Congress (separates).
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SI 1.30: nos	. Smithsonian contributions to paleobiology.

TD 2.122: Reserved	Public Roads Bureau.
TD 2.123: CT TD 2.124: date TD 2.125: date	New developments in highways. Conference proceedings [of] AASHO Committee on Electronics.
TD 2.210/3: nos	National Highway Safety Bureau. Highway safety literature compilations.
TD 2.312: date	Analysis of motor carrier accidents involving vehicle defects or mechanical failure.
	Note.—See, for earlier similar publication, IC 1 mot.20:(date).
TD 4.19/4: date TD 4.28: date	Acceptable methods, techniques, and practices: Aircraft alterations.
TD 4.28/2: date	Aircraft inspection and repair.
TD 4.30: nos	NOTE.—See, for earlier class, FAA 5.15: (date).
TD 4.31 : date	Annual national aviation system planning review conference, summary report
TD 4.312: date	Index of standard instrument approach procedures (semiannual)
TD 4.510: CT	Systems Research and Danilland a
TD 4.611: nos	Aircraft Development Service. Report FAA DS-(series)
Y 3.P 11/2: 1/date Y 3.P 11/2: 2 CT	Pacific Southwest Inter-Agency Committee.

Corrections for Previous Monthly Catalogs

July 1964. Entry 11919 Orienting parents in clinic for retarded. Correct class to read FS 3.207/2a: R 313. 18998, Role of child welfare in mental retardation. Correct

Dec. 1965. Entry

class to read FS 14.110: B 39. May 1968. Entry 6650, North Cascades [National Park and Ross Lake National

Recreation area, a proposal]. Correct class to read I 29.6: N 81c.

June 1968. Entry 7927, Some facts relating to job situation in New York. Correct class to read L 2.92: N 42y/968.

Dec. 1968. Page 135, 1st column, under Architecture: design for all Americans, report of National Commission on Architectural Barriers to Rehabilitation of the Handicapped, change 14691 to read 14091.

Jan. 1969. Entry 471, Inventory of congressional concern with research and development, 90th Congress, 1st session, pt. 3, Bibliography. Correct class to read

Y 4 G 74/6: R 31/2/pt. 3.

Feb. 1969. Entry 1865, FHA regulations [Home mortgage regulations, amendments]. Correct class to read HH 2.6: M 84/7/964/trans. 64,

Apr. 1969. Entry 5438, Compensation increases for service-connected disabled veterans, H.R. 16027, as enacted by Congress. Correct class to read Y 4.F 49: V 64/16.

June 1969. Entry 8784, U.S. food and fiber policy for future, summary report of National Advisory Commission on Food and Fiber. Please change the date of publication from [1969.] to [1967.]. June 1969. Entry 8816, Smokers self-testing kit: pt. 1, Tests. Correct class to read

FS2.6/2: Sm 7/30/969/pt.1.

June 1969. Entry 8817, Smokers self-testing kit: pt. 2, Interpretation of test scores. Correct class to read FS 2.6/2: Sm 7/3/969/pt. 2.

Aug. 1969. Entry 11061 FHA regulations [Home mortgage regulations, amendments]. Correct class to read HH 2.6: M 84/7/964/trans. 65.

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AGRICULTURAL RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

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2000,	34-106. Catalog of genera, species, and subordinate taxa Aurantioldeae (Rutaceae) crops research [with li by J. B. Carpenter and P. C. Recce]. May 1969. ([Crops Research Division.]) [Text on p. 2 and cover.]	in orange subfamily st of literature cited;
13538	L.C. card 71-603660	

- L.C. card 71-603660

 44-211. DHIA sire summary list, Ayrshire, Guernsey, Holstein, Jersey, Brown Swiss, Milking Shorthorn, Red Dane, and Red Poll sires. May 1969.

 44-212. DHIA cover title, 455 p. 4° [Text on p. 2 of cover.] † Item 25-B Sept. 1968-May 1969, Aug. 1969. cover title, 464 p. 4° [Text on p. 2 of cover.] † Item 25-B Sept. 1968-May 1969, Aug. 1969. cover title, 464 p. 4° [Text on p. 2 of cover.] † Recommended standard procedures for laboratory discretic of tuber 13538 13539
- 13540
- 91-76. Recommended standard procedures for laboratory diagnosis of tuber-culosis in animals [with list of literature cited; prepared by Animal Health Division]. July 1969. [1] +27 p. il. 4° †
- 13541 Grasshopper survey, species field guide. Oakland, Calif., May 1969. [1]+ 23 p. il. 1 pl. 4° (Plant Pest Control Division.) A 77.306/3: G 76
- 13542 Index-catalogue of medical and veterinary zoology: supp. 16, pt. 6, Parasitesubject catalogue: Subject headings and treatment; by Dorothy B. Segal [and others]. July 1969. iii+138 p. 4° (Animal Disease and Parasite Research Division.) * Paper, \$1.25. • Item 31 L.C. card 63-65031
- A 77.219/2:16/pt.6 13543 Index-catalogue of medical and veterinary zoology: supp. 17, pt. 4, Parasite-subject catalogue. parasites, Nematoda and Acanthocephala; by Dorothy B. Segul [and others]. July 1969. iii+269 p. 4° (Beltsville Parasitological Laboratory, Animal Disease and Parasite Research Division.) * Paper, \$2.00. • Item 31 L.C. card 63-65031
- A 77.219/2: 17/pt.4 13544 Index-catalogue of medical and veterinary zoology: supp. 17, pt. 5, Parasite-subject catalogue: parasites: Arthropoda and miscellaneous phyla; by Dorothy B. Segal [and others], July 1969, v+290 p. 4° (Beltsville Parasitological Laboratory, Animal Disease and Parasite Research Division.) * Paper, \$2.25. • Item 31 L.C. card 63-65031
- A 77.219/2: 17/pt.5 13545 National tick surveillance program calendar year 1967. Apr. 15, 1968. 15 p. il. 4º (Animal Health Division.) † A 77.237/2:967
- 13546 Northern Utilization Research and Development Division. [May 1969.] cover title, 32 p. il. [Text on p. 2 and 3 of cover.] A 77.2: N 81/969
- 13547 Plant quarantine import requirements of France, Aug. 19, 1969. 6 p. (Plant Quarantine Division.) [Issued with perforations. Supersedes summary, June 8, 1964, and TM, May 18, 1966.] † A 77.329: F 844/969

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

- Plant quarantine import requirements of French Guiana. Aug. 19, 1969.

 4 p. (Plant Quarantine Division.) [Issued with perforations. Supersedes P.Q. 646, Sept. 26, 1958.]
- 13549 Plant quarantine import requirements of Guadeloupe. Aug. 19, 1969. 4 p. (Plant Quarantine Division.) [Issued with perforations. Supersedes P.Q. 650 (Guadeloupe and Martinique), Nov. 12, 1958.] † A 77.329: G 93
- 13550 Plant quarantine import requirements of Iran. Aug. 12, 1969. 2 p. (Plant Quarantine Division.) [Issued with perforations. Supersedes P.Q. 449, Apr. 18, 1947.] † A 77.329: Ir 1
- 13551 Plant quarantine import requirements of Martinique. Aug. 19, 1969. 4 p. (Plant Quarantine Division.) [Issued with perforations. Supersedes P.Q. 650, (Guadeloupe and Martinique) Nov. 12, 1958.] † A 77.329: M 36
- 13552 Plant quarantine import requirements of Réunion. Aug. 19, 1969. 5 p. (Plant Quarantine Division.) [Issued with perforations. Supersedes P.Q. 640, Aug. 26, 1958.] †
- 13553 Report of cooperative tick eradication activities, fiscal year 1968. Nov. 6, 1968. 7 p. il. 4° (Animal Health Division.) ‡ A 77.237:968
- 13554 Report of [19th] National Poultry and Turkey Improvement Plans Conference, July 15-17, 1968, Cincinnati, Ohio. [1968.] 6+11+[4] leaves, 4° (Animal Husbandry Research Division.) ‡ A 77.202: N 21/968
- 13555 Reported arthropod-borne encephalidites in horses and other equidae, calendar year, 1967; [prepared by Animal Health Division]. June 1968. 7 p. il. 4° ‡ A 77.230/2; 967
- 13556 U.S.D.A. summary of registered agricultural pesticides chemical uses: v. 2, Fungicides and nematicides. 3d edition. [Mar. 31, 1969.] [1] +x p.+205 leaves, 4° (Pesticide Regulation Division.) [Includes additions, deletions, and supplements since issuance of 2d edition July 1, 1964. Issued in looseleaf form.] * Paper, \$3.50. Item 44 L.C. card 61-60934
- 13557 Veterinary Biologics Division notice no. 9: Biological products produced [and destroyed] in licensed establishments during fiscal year 1969. Aug. 6, 1969. 6 p. 4° (Veterinary Biologics Division.) † A 77.226/3:9

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

- 13558 1967 annual report and statistical summary of programs administered by Massachusetts ASCS State Office. Amherst, Mass. [1969]. cover title, 19 leaves, 4° \$\pm\$ L.C. card 70-602006 A 82.1/2: M 38/967
- 13559 ASCS, Iowa program summary, 1968. [Apr. 1969.] cover title, [1]+51 p. il.

 4° ([Iowa ASCS State Office, Des Moines, Iowa.]) ‡
 L.C. card 78-603276 A 82.1/2: Io 9/968
- 13560 ASCS programs administered by counties, by congressional districts, 1968. [1969.] [217] p. 4° (California State Office.) ‡
 L.C. card 70-603472 A 82.1/2: C 12/968-2
- 13561 Georgia, ASCS, 1968 activity summary by congressional districts. cover title, [4] p.+[41] leaves, 4° ‡

 L.C. card 75-603452 A 82.1/2: G 29/968-2
- 13562 Idaho, annual activity summary [1967], 1st Congressional District. Revised Apr. 1968. [1969.] cover title, 20 p. 4° \ddagger A 82.1/2: Id 1/967–2/1st dist.
- 13563 Idaho, annual activity summary [1968], 1st Congressional District. Mar. 1969. cover title, [8] leaves, 4° ‡ A \$2.1/2: Id 1/968-2/1st dist.

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

- 13564 Idaho, annual activity summary [1967], 2d Congressional District. Revised Apr. 1968. [1969.] cover title, 21 p. 4° ‡ A 82.1/2: Id 1/967–2/2d dist.
- 13565 Idaho, annual activity summary [1968], 2d Congressional District. Mar. 1969. cover title, [6] leaves, 4° † A 82.1/2: Id 1/968-2/2d dist.
- 13566 Kansas, congressional district summary, 1968. [1969.] cover title, 18 p.+28 leaves, 4° \ddagger L.C. card 72–603454 $\Lambda \ 82.1/2 : K \ 13/968-2$
- 13567 Maine, 1967 program year report. [1969.] cover title, [1]+22 leaves, 4° ([Maine ASC State Committee], Orono, Maine.) ‡
 L.C. card 68-62948

 A 82.1/2: M 28/967
- 13568 Maine, 1968 program year report. [1969.] cover title, [1]+29 leaves, 4° ([Maine State ASC Committee], Orono, Maine.) ‡
 L.C. card 68-62948

 A 82.1/2: M 28/968
- Oklahoma, 1968 activity summary, 1st Congressional District, Page Belcher, [1969.] cover title, [2] leaves, 4° ‡ A 82.1/2: Ok 4/968–2/1st dist.
- 13570 Oklahoma, 1968 activity summary, 2d Congressional District, Ed Edmondson. [1969.] cover title, [6] leaves, 4° ‡ A 82.1/2: Ok 4/968–2/2d dist.
- 13571 Oklahoma, 1968 activity summary, 3d Congressional District, Carl Albert. [1969.] cover title, [6] leaves, 4° ‡ A 82.1/2:0k 4/968-2/3d dist.
- Oklahoma, 1968 activity summary, 4th Congressional District, Tom Steed. [1969.] cover title, [4] leaves, 4° ‡ A 82.1/2: Ok 4/968-2/4th dist.
- 13573 Oklahoma, 1968 activity summary, 5th Congressional District, John Jarman. [1969.] cover title, [2] leaves, 4° ‡ A 82.1/2: Ok 4/968–2/5th dist.
- 13574 Oklahoma, 1968 activity summary, 6th Congressional District, John H. Camp. [1969.] cover title, [6] leaves, 4° ‡
 A 82.1/2: Ok 4/968-2/6th dist.
- 13575 Pender-New Hanover County ASCS 1968 annual report. Burgaw, N.C. [1969]. cover title, [2]+22 leaves, il. 4° ‡ A 82.1/2: P 37/968
- 13576 Pennsylvania, compilation by congressional districts of ASCS program activities for 1968. [1969.] cover title, [38] leaves, 4° ‡
 L.C. card 76-603471 A 82.1/2: P 38/968-2
- 13577 South Carolina, annual congressional district summary [1968], Congressional District 1. [1969.] cover title, [5] leaves, 4° ‡
 A 82.1/2: So 8c/968-2/dist.1
- 13578 South Carolina, annual congressional district summary [1968], Congressional District 2. [1969.] cover title, [5] leaves, 4° ‡

 A 82.1/2: So 8c/968-2/dist.2
- 13579 South Carolina, annual congressional district summary [1968], Congressional District 3. [1969.] cover title, [5] leaves, 4° ‡
 A 82.1/2: So 8c/968-2/dist.3
- 13580 South Carolina, annual congressional district summary [1968], Congressional District 4. [1969.] cover title, [4] leaves, 4° ‡

 A 82.1/2: So 8c/968-2/dist.4
- 13581 South Carolina, annual congressional district summary [1968], Congressional District 5. [1969.] cover title, [5] leaves, 4° ‡

 A 82.1/2:So 8c/968-2/dist.5
- 13582 South Carolina, annual congressional district summary [1968], Congressional District 6. [1969.] cover title, [5] leaves. 4° ‡

 A 82.1/2: So 5c/968-2/dist.6

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

13583 Directory of Agricultural Research Service; [prepared by Information Division]. [Sept. 1969.] cover title, ii+135 p. [Text on 2 p. of cover.]

* Paper, 60c. • Item 6-A

A 1.89/3: Ag 8/969 L.C. card Agr 68-96 A 1.9:(nos.)

Farmers' bulletins. • Item 9 13584

2147. Boll Weevil, how to control it; [prepared by Entomology Research Division, Agricultural Research Service]. [Revised Sept. 1969.] [1969.] 12 p. ii. [Replaces all previous editions.] * Paper, 10c.

L.C. card 76-603526

2209. Slaughtering, cutting, and proceeding beef on farm; [by Richard L. Hiner]. [July 1965, slightly revised Aug. 1969.] [1969.] 32 p. ii. ([Animal Husbandry Research Division, Agricultural Research Service.]) [Supersedes Farmers' bulletin 1415, Beef on farm, slaughtering, cutting, curing.] * Paper. 25c. 13585 Farmers' bulletin 1 * Paper, 25c. L.C. card 78-603643

2242. Housing and equipment for sheep; [prepared by Animal Husbandry Research Division and Agricultural Engineering Research Division, Agricultural Research Service]. [Aug. 1969.] 12 p. il. [Supersedes Farmers' bulletin 810, Equipment for farm sheep raising.] * Paper, 10c L.C. card 75-603314 13586

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

13587

e and garden bullethis. • Item 11 A 1.77; (108.)

Food for family with young children; [prepared by Consumer and Food Economics Research Division, Agricultural Research Service]. [Revised Apr. 1960, slightly revised Aug. 1969.] [1969.] 16 p. ii. * Paper, 10c.

L.C. card 75-603645

Home canning of fruits and vegetables; [prepared by Human Nutrition Research Division, Agricultural Research Service.] [Revised Feb. 1965, slightly revised Sept. 1969.] [1969.] 32 p. il. [Includes more information, when you preserve food at home, list of other publications of Agricultural Research Service.] * Paper 20c.

L.C. card 71-603644 13588

13589

when you preserve food at home, list of other publications of Agricultural Research Service.] *Paper 20c.

L.C. card 71-603644

10. Home freezing of fruits and vegetables; [prepared by Human Nutrition Research Division, Agricultural Research Service]. [Revised May 1965, slightly revised Sept. 1969.] [1969.] 48 p. il. *Paper, 20c.

L.C. card 79-603453

74. Food and your weight; [by Louise P. Page and Lillian J. Fincher]. [Nov. 1960, slightly revised Aug. 1969.] [1969.] [2]+30 p. il. ([Consumer and Food Economics Research Division, Agricultural Research Service.])

*Paper, 15c.

L.C. card 71-603451 13590

Home economics research report.

36. Pantothenic acid, vitamin B6, and vitamin B12 in foods [with list of literature cited]; by Martha Louise Orr. Aug. 1969. [2]+53 p. 4° (Consumer and Food Economics Research Division, Agricultural Research Service.)

* Paper, 55c. Item 11-B 13591 Paper, 55c. ■ Item 11-B L.C. card 79-603654

Household food consumption survey 1965-66, Report.

6. Dietary levels of households, in United States, spring 1965 [with list of literature cited; by Sadye F. Adelson and Bettery Peterkin]. [July 1969.] cover title, ii+117 p. il. oblong 8° ([Consumer and Food Economic Research Division. Agricultural Research Service]). [Includes list of selected publications from other surveys of family food consumption and dietary levels.]

• Paper, \$1.00. • Item 11-A 13592

Leaflet.

492. Common liver fluke in sheep; [prepared by Animal Disease and Parasite Research Division, Agricultural Research Service]. [Revised Sept. 1969.] [1969.] 8 p. il. * Paper, 10c. • Item 12 A 1.35: 492/Z

Marketing research report.

848. Spinning performance and yarn quality as affected by lint color and trash in field-exposed cotton, 1966-67 crop year; [by Edward H. Shanklin, Preston E. Laferney and Warren E. Garner]. [Sept. 1969.] [2] +14 p. 4° (Agricultural Research Service.) [Prepared in cooperation with Economic Research Service.] * Paper, 15c. Item 13-B 13594 Research Service. 1 L.C. card 73-603528

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

798. Scientific careers in Agricultural Research Service; [prepared by Personnel Division, Agricultural Research Service]. [Revised July 1969.] [1969.] cover title, 36 p. 1l. oblong 12° [Text on p. 2-4 of cover.] Paper, 55c. L.C. card 74-603669 13595

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Page 4

- 13596 956. Engineers in Soil Conservation Service. [Feb. 1964, slightly revised July 1969.] [20] p. il. oblong 8° †
- PA [Program aid] (series). † • Item 14-A A 1.68:(nos.) 13597 399. Packers and stockyards act, what it is, how it operates. [Slightly revised Aug. 1969.] [1969.] [2] +8 p. il. (Packers and Stockyards Administration.)
- 13598
- 13599
- tion.)

 Your livestock claims, Packers and stockyard act can help you recover losses, [Slightly revised July 1969.] [1969.] [2]+6 p. 4° (Packers and Stockyards Administration.)

 666. Saving the forests and related wildlife resources from insects and diseases. [Slightly revised Aug. 1969.] [1969.] 12 p. il. oblong 24° (Forest Service.) [Supersedes PA 593, Holding the line, July 1963.]

 705. Farmers Home Administration strengthens family farms, strengthens rural communities, reduces rural poverty. [Revised Aug. 1969.] [1969.] [6] p. narrow 8° (Farmers Home Administration.)

 915. Pestina says, help stop spread of plant pests; [prepared by Plant Quarantine Division]. [July 1969.] [4] p. il. narrow 8° (Agricultural Research Service.) [Supersedes PA-729, Don't help hitch-hiking bugs.]

 918. Traffic regulation and law enforcement on national forest development road system. [Aug. 1969.] [1]+10 p. narrow 8° (Forest Service.) 13600
- 13601
- 13602
 - Picture story.
- 221. Camille, food help. Aug. 1969. [2] p. il. 4° (Food and Nutrition Service.) † A I.100: 221 13603
- Production research reports. • Item 13-C A 1.84:(nos.) 13604
- 108. Rearing cotton insects in laboratory [with list of literature cited; by Raymond Patana]. [June 1969.] [2]+6 p. il. 4° ([Entomology Research Division] Agricultural Research Service.) [Prepared in cooperation with University of Arizona Agricultural Experiment Station.] †

 109. Rearing cotton insect parasites in laboratory [with list of literature; by D. E. Bryan, C. G. Jackson, and Adair Stoner]. [Aug. 1969.] [2]+13 p. il. 4° ([Cotton Insects Biological Control Investigations, Agricultural Research Service.]) [Prepared in cooperation with University of Arizona Agricultural Experiment Station.] * Paper, 15c. 13605
- 13606 1968 [progress] report on pesticides and related activities, research, education, information, regulation, control, monitoring, for assuring adequate supplies of wholesome, economic food and fiber, [and for] managing environment for long range good of man. June 1969. cover title, iv+264+[1]+A-7 p. 4° (Agriculture Department and cooperators.) † (Limited distribution), Research Program Development and Evaluation Staff, Room 331-E, Administration Bldg., USDA, Washington, DC 20250 L.C. card 77-601662
 - Statistical bulletin.
- 333. Livestock and meat statistics, supplement for 1968. [July 1969.] vi+161
 p. 4° (Economic Research Service, Statistical Reporting Service, Consumer and Marketing Service.) * Paper, \$1.25. Item 16 13607 L.C. card Agr 58-260 A 1.34: 333/supp.968
 - Technical bulletin.
- 1398. Nearctic sawflies: 2. Selandrinae, adults (Hymenoptera: Tenthredinidae)
 [with list of literature cited]; by David R. Smith. [Sept. 1969.] iv +48 p.
 ii. 10 pl. (Agricultural Research Service.) * Paper, 40c. Item 16 13608 L.C. card 78-603694
- 13609 Telephone directory, Department of Agriculture; issued by Office of Plant and Operations. Aug. 1969. cover title, 3-142 p. [Text on p. 2-4 of cover.] * Paper, 35c. A 1.89: 969-2

AIR FORCE DEPARTMENT, Defense Dept. Washington, DC 20330

- Air Force manual AFM (series). ‡ Item 421 D 301.7:(nos.) 13610 11-2.
- Administrative practices: Air Force manual of abbreviations; Aug. 15, 1969, [1969.] cover title, [1] +53 p. 4° [Issued with perforations. Supersedes AFM 11-2, Mar. 22, 1968.] 13611 72-3.
- Defense Department, Defense Supply Agency manual DSAM 4130.2 13612
- 85-1. Civil engineering, general: Resources and work force management, Change 1. Aug. 7, 1969. [174] p. 4° [Issued with perforations.] 88-7, chap. 4. See Army Department, Technical manual 5-822-4. 13613

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A 1.2: P 43/3/968

Α	1 70	Force	nam	nhlet	ARP	(series)	

- 71-4, v. 1. See Defense Department, Defense Supply Agency manual DSAM 4145.2, 13614
- v.1.
 Civil engineering, general: Electrical facilities safe practices handbook. Change 1, Aug. 6, 1969. [1969.] [4] p. 12° [Issued with perforations.] † Item 421-A D 301.35: 85-1/ch.1
 See Armed Forces Information and Education, DoD pamphlet PA-3B 13615 85-1.
- 13616 168-1. 13617 Air University abstracts of research reports, v. 12, 1968. iv+123 p. 4°
- (Air University Library, Maxwell Air Force Base, Ala.) L.C. card 58-61099 D 301.26/20:12

Air Weather Service: Technical report.

- 213. 2d annual survey report on Air Weather Service weather-modification program [FY 1969]; by Herbert S. Appleman. June 1969. [1]+i+16 p. il. 4° [Issued with perforations.] ‡ D 301.40:213 13618
- 13619 Build-up in Korea, Fifth Air Force report. [1969.] cover title, 28 p. il. 4° ‡ D 301.2: K 84 L.C. card 75-603688

Environmental Technical Applications Center: Technical note.

- 69-6. Annotated climatological bibliography of India; by Dennis L. Boyer and Alvin L. Smith, jr. Aug. 1969. vi+55 p. 4° ‡ D 301.40/2:69-6 13620
- 13621 Lithograph series, set 2, southeast Asia paintings, U.S. Air Force. [1969.] 12 colored prints each 17 x 22 in. [Colored lithographs suitable for framing. Issued in envelope.] * Paper, \$2.00 per set. D 301.76:2
- 13622 Lithograph series, set 3, U.S. Air Force. [1969.] 12 colored prints each 17 x 22 in. or 22 x 17 in. [Colored lithographs suitable for framing. * Paper, \$2.00 per set. D 301.76:3 Issued in envelope.]
- 13623 Lithograph series, set 4, U.S. Air Force. [1969.] 12 colored prints each 17 x 22 in. or 22 x 17 in. [Colored lithographs suitable for framing. Issued in envelope.] * Paper, \$2.00 per set. D 301.76: 4
- 13624 Lithograph series, set 6, U.S. Air Force. [1969.] 12 colored prints each 17 x 2 2in. or 22 x 17 in. [Colored lithographs suitable for framing. * Paper, \$2.00 per set. D 301.76:6 Issued in envelope.]
- 13625 Military Airlift Command, Airlift Service management report, 20th year, July 1967-June 1968. [1969.] cover title, 32 p. il. 4° [Prepared by DOS/Comptroller Headquarters, MAC.] ‡ D 301.56/3:967-68

OAR (series). (Office of Aerospace Research.)

- 69-0007. Air Force research resumes, 1968, Office of Aerospace Research [v. 7].

 [1969.] [851] p. 4° (Office of Scientific and Technical Information.)

 Paper, \$3,00 (AD 689900). Item 422-B 13626 D 301.69/3:69-0007 L.C. card 63-61428
 - School of Aerospace Medicine: Aeromedical reviews. (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.)
- 2-69. Theories of mechanism of action of inhalation anesthetics [with list of references; by] Clayton Petty. Apr. 1969. [1] +35 p. 11. ‡ D 301.26/13-4:2-69 13627
 - School of Aerospace Medicine: Technical report SAM TR (series). (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.) D 301.26/13-6:(nos.)
- 13628
- 13629
- 13630
- 13631
- 13632
- D 301.26/13-6:(nos.)

 8-137. Radioprotection of primates with 2-(1-decylamino) ethanethiosulfuric acid in dimethyl sulfoxide [with list of references; by] Horace E. Hamilton, George S. Melville, jr., Emmett J. Stork. Dec. 1968. cover title, lii+11+[2] p. li. 4° ([Task 775703.])

 Further survey of compounds for radiation protection: by Vivian Plzak, John Doull. Feb. 1969. cover title, v+82+[2] p. 4° ([Contract 41 (609)-2977, task 775703.])

 69-17. Trends in aircrew attitudes and job-satisfaction: 2-year study [with list of references; by] George K. Cantrell. Apr. 1969. cover title, lii+18+[2] p. 4° ([Task 775504.])

 69-21. Effects of pH. CO2, and buffering systems on lactic acid production in rat liver slices [with list of references; by] William G. Soucie. Apr. 1969. cover title, lii+5+[2] p. li. 4° ([Task 775801.])

 69-24. Modified **Fe* ferrokinetic procedure [with list of references; by] Donald F. Logsdon, ir., James F. Green, John W. Harper. Apr. 1969. cover title, lii+4+[2] p. li. 4° ([Task 775502.])

 80-23. Battery life and moisture penetration of subdermally implanted devices [with list of references; by] Henry Buchanan, Willis F. Moore, Calvin R. Richter. June 1969. cover title, lii+10+[2] p. li. 4° ([Task 632002.]) [Correction sheet, 1 p. oblong 24° was issued also.] 13633

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- Special reports. (Office of Aerospace Research, Air Force Cambridge Research Laboratories, L. G. Hanscom Field, Bedford, Mass.)
 - D 301.45/42:(nos.)
- 13634
- Bibliography of AFCRL publications from Oct. 1 to Dec. 1967. Apr. 1968.
 vii+64+[2] p. 4° (AFCRL-68-0193.)
 Bibliography of AFCRL publications from Jan. 1 to Mar. 31, 1968. Apr. 1968.
 vii+68+[2] p. 4° (AFCRL-68-0230.) 13635
 - USAF historical studies. (USAF Historical Division, Aerospace Studies Institute.) D 301.26/19:(nos.)
- 160. Development of German Air Force, 1919-39: by Richard Suchenwirth; edited by Harry R. Fletcher. June 1968. cover title, xxii+259 p. il. 4° L.C. card 79-603697
- 174. Command and leadership in German Air Force; by Richard Suchenwirth, edited by Harry R. Fletcher. July 1969. cover title, xix+351 p. II. 4° 13637
- 13638 Weighted airman promotion system. [1969.] 18+[2] p. il. 32° [Information subject to change.] † • Item 424 D 301.2: W 42

AIR TRAFFIC SERVICE, Transportation Dept. Washington, DC 20553

- 13639 Air traffic training. Oct. 1, 1969. cover title, [1]+ii+38+[6] p. il. 4° (3120.4A.) [Issued with perforations. Effective date Oct. 1, 1969. Cancels Air traffic training handbook 3120.4, Feb. 15, 1967, Notice N 3120.12, May 12, 1969, and various orders.] † ● Item 431-D-1
- TD 4.308: Ai 7 13640 Index of standard instrument approach procedures. July 31, 1969. cover
- title, [1]+137 p. 4° (Flight Services Division.) ‡ TD 4.312:969
 [58] p. map, 4° (7330.6 CHG 7.) [Issued in looseleaf form, Cancellation date Jan. 1, 1970.] ‡ Item 431-D-1
 - FAA 3.8: W 37/2/966/ch.7
- 13642 Special military operations handbook, Change 2. [July 3, 1969.] [63] p. 4° (7610.4A CHG 2.) [Effective Nov. 1, 1969. Cancellation date Jan. 1, 1970. Issued in looseleaf form.] ‡ Item 431-D-1
 - TD 4.308: M 59/ch.2
- 13643 Terminal air traffic control handbook, Change 9. [July 3, 1969.] [92] p. il. 4° (7110.8 CHG. 9.) [Effective Oct. 1, 1969. Concellation date Jan. 1, 1970. Issued in looseleaf form.] \ddagger • Item 431-D-1
 - TD 4.308: T 27/ch.9

AIRCRAFT DEVELOPMENT SERVICE, Transportation Dept. Washington, DC 20553

- NOTE.—The Aircraft Development Service was established by the Administrator of Federal Aviation Administration in July 1962, with the mission to seek solutions to "hard core" aviation safety problems.
- 13644 Experiments with icephobic surfaces; by George C. Hay [1969.] [25] p. 4° [Presented to FAA symposium on aircraft ice protection, Apr. 30, 1969, FAA Washington headquarters.] ‡ TD 4.602: Ic 2
- 13645 Operational evaluation of STOL aircraft and related STOL developments [paper] by J. Clay Staples, Program Manager, Aircraft Division, Aircraft Development Service, Federal Aviation Administration, Washing ton, D.C., presented to 3d annual R&D report to industry, June 17, 1969. [1969.] [1]+6 p. 4° ‡ TD 4.610: St 2
 - Report FAA DS (series).
- 68-15. Study to determine flight profile and mission of certificated private pilot, final report; prepared by J. J. Eggspuehler, G. S. Weislogel et al. July 1968, v+82+[2] p. il. 4° ([Contract FA67WA-1760]; project 560-004-05H.) † 13646
- 13647 Runway traction [paper] by R. C. McGuire, Program Manager, Airframe Aircraft Development Service, Federal Aviation Administration, Washington, D.C., presented to 3d annual R&D report to industry, June 17, 1969. [1969.] [1] p.+4 leaves, 4° ‡ TD 4.610: M 17

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AIRPORTS SERVICE, Transportation Dept. Washington, DC 20553

- 13648 Opportunities for development of national airport system; by Chester G. Bowers, [1969.] 19 p. il. 4º [Presented at American Society of Civil Engineers national meeting on transportation engineering, Washington, TD 4.102: Op 5 D.C., July 22, 1969.] ‡
- 13649 Staff study, 1980 metropolitan area airport capacity analysis, location-Atlanta, Ga.; prepared by Louis N. Million. [June 19, 1969.] [1]+ii +[4]+18 p. il. 4° [Issued with perforations.]

APPALACHIAN REGIONAL COMMISSION 1666 Connecticut Avenue, NW, Washington, DC 20009

Appalachian research report.

8. Preliminary analysis for development of central Appalachia, Kentucky, Tennessee, Virginia, West Virginia. [1969.] [137] p. il. 4° ‡ 13650 Y 3, Ap 4/2: 10/8

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

DoD [pamphlet].

PA-3B. Uniformed services health benefits program. Revised [edition]. [May 1969.] [4]+39 p. il. narrow 12° ([Army Dept.] DA Pam 360-505; [Navy Dept.] NAVPERS 15203B; [Air Force] AFP 168-1; [Marine Corps] NAVMC 2601; [Coast Guard] CG-144; [Public Health Service] PHS-CCPM Pam-16; [Environmental Science Services Administration] ESSA CO-3.) [Supersedes DoD PA-3a/DA PAM 360-505/NAVPERS 15203A/CG-144/PHS-CCPM Pam-16/ESSA CO-3/AFP 168-1 and NAVMC 2601, June 23, 1967.]

1 Item 312-A B D 2.14: PA-3 B 13651 D 2.14 : PA-3 B

ARMY DEPARTMENT, Defense Dept. Washington, DC 20310

AMC pamphlet. (Army Material Command.)

335-1. Reports, register of approved recurring reports. July 1969. cover title, iv+192 p. 4° [Quarterly. Issued with perforations. Supersedes AMCP 335-1, Jan. 31, 1969.]

L.C. card 67-60397 D 101.22/3: 335-1/16 13652

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

218. Shock tube experiments on snow [with list of literature cited]: by James L. Smith. June 1969. iv+16 [2] p. il. 4° (DA task, 1T-062112A13001, Terrestrial Sciences Center.)

D 103.33:218 13653

D 101.20:(nos.) • Item 324 Field manual FM (series). ‡ 17-1. Armor operations; Change 1. Aug. 15, 1969, 73 p. il. 4° [Issued with 13654

perforations.] 31-70. Basic cold weather manual, Change 1. Dec. 17, 1968. 2 p. 4º [Issued with 13655

55-10. Army transportation movements management [with list of references].

June 1969. cover title, [181] p. il. 4° [Issued with perforations.

Supersedes FM 55-4, Dec. 22, 1959; FM 55-4-1 (Test), Apr. 21, 1967; and FM 55-10, June 7, 1965.] perforations.] 13656

Natick Laboratories, Natick, Mass.: Technical reports. (Army Materiel Command.)

69-28-Es. Environmental conditions relating to harmful insects of mainland southeast Asia [with selected bibliography]; by Edgar Bingham.

Oct. 1968. vi+44+[20] p. il. 4° (Earth Sciences Laboratory, ES-40; project references 1T-062109A129.) 13657 D 106.21:69-28-ES

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

Briefing on reemployment rights of members of Army National Guard and Army Reserve, Apr. 1969, cover title, 9 p. 4° [Corrected copy, Issued with perforations, Supersedes DA pamphlet 135-2, Oct. 6, 13658 135-2. 1967.1

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

OCTOBER 1969

- 13659
- 360-303. Officers' call: The challenge of leadership. May 27, 1969. cover title, 14+[2] p. il. 4° [Text on p. 2-3 of cover. Supersedes DA Pam 355-26, 1961.] ‡

 550-7. Latin America and the Caribbean, analytical survey of literature, 1969 edition. Feb. 1969. cover title, viii+319 p. il. 38 maps, 5 are in pocket, 2 tab. 4° [Some maps are colored.] * Paper, \$8.25. 13660
 - t Item 329 Technical manual TM (series). D 101.11:(nos.)
- 5-822-4. Soil stabilization for roads and streets. June 1969. cover title, 18+[1] p. il. 4° (Department of Air Force manual AFM 88-7, chap. 4.) [Issued in looseleaf form. Supersedes TM 5-822-4, July 31, 1961, formerly designated as Corps of Engineers, Engineer manual EM 1110-345-304, and AFM 88-7, chap. 4, July 31, 1961.]
 5-823-3. Army airfield and heliport rigid and overlay pavement design, Oct. 10, 1968, Change 1. Aug. 20, 1969. [1]+10+1-3 p. 4° [Issued with parforations] 13661
- 13662 perforations.]
- 10-280. Field laundry, bath, and clothing exchange operations, Change 1. Aug. 6, 1968. 2 p. 4° [Issued with perforations.] 13663
 - Technical research notes. (Behavioral Science Research Laboratory.)
 - D 101.60: (nos.)
- 13664
- 13665
- 13666
- D 101.60:(nos.)

 201. Team interpretation procedures, selection of teammates and role assignment; [by] George W. Doten and Robert Sadacca. Jan. 1969. [8]+27 p.

 4° (U.S. Army Behavioral Science Research Laboratory, Army project 20662704A721, contract DA 49-092-ARO-65, Component integration work unit.) \$\Perison \text{Paper, \$3.00 (AD 688140).}\$

 203. Factorially derived information measures for differential prediction of officer performance; [by] William H. Helme. Dec. 1968. [8]+20 p., 4° (Behavioral Evaluation Research Division. Army project 2J06216A722, Office prediction d-41.) \$\Perison \text{Paper, \$3.00 (AD 686288).}\$

 206. Effect of disparity in photo scale and orientation on change detection; [by] C. L. Klingberg, C. L. Elworth, and Abraham H. Birnbaum. Jan. 1969. [8]+36 p. il. 4° (Army project 20662704A721, contract Da-49-092 ARO-92, Interpreter techniques a-51.) \$\Phi \text{Paper, \$3.00 (AD688967).}\$

 207. Effects of spectrum sampling on speech intelligibility [with list of literature cited; by] Anthony E. Castelnovo, Mar. 1969. [8]+19 p. il. 4° (Combat Systems Research Division; Army project 20062106A723, Monitor performance-c.) \$\Phi \text{Paper, \$3.00.}\$ 13667
- Technical research report. (Behavioral Science Reesarch Laboratory.)
- 1156. Implications of BESRL [Behavioral Science Research Laboratory] research for displays in tactical information processing [with bibliographies; by] James M. McKendry, Douglas J. Mace and James D. Baker. Jan. 1969. [8]+28 p. 4° (Support Systems Research Division; Army project 20062106A723, contract DA HC 19-68-C-0006, Tactical information processing b-11.) \$\Phi\$ Paper, \$3.00 (AD 688581). 13668 D'101.60/2:1156
 - USAAVLABS technical report. (Army Aviation Materiel Laboratories, Fort Eustis, Va.) D 117.8/2:(nos.)
- 68-49D. Investigation of dynamic stability characteristics of quad configuration, ducted propeller V/STOL model: v. 4, Longitudinal stability characteristics of quad configuration, ducted-propeller V/STOL model at high duct incidence [with list of references]; by Howard C. Curtiss, jr. May 1969. cover title, [1]+xvii+82+[2] p. il. 4° (Contract DAAJ02-67-C-0025; Department of Aerospace and Mechanical Sciences, Princeton University, Princeton, N.J.)
 68-73. Effect of test machine extensional rigidity on initial buckling load for unreinforced circular cylindrical shells in axial compression [with list of literature cited]; by W. H. Horton [and others]. Mar. 1969. cover title, [1]+ix+48+[2] p. il. 4° (Contract DA 44-177-AMC-258(T); Stanford University, Stanford, Calif.) [Errata, 1 p., issued also.] 13669
- 13670 alse. l
- 13671 68-74.
- also.]
 Capacitive measurement system for nondestructive testing of fiber glass reinforced plastic laminates; by Strether Smith, Jan, 1969, cover title, [1]+viii+24+[2] p. il. 4° (Contract DA 44-177-AMC-115(T); Department of Aeronautics and Astronautics, Stanford University, Stanford, Calif.) [Errata, 1 p. issued also.]
 Thermal ram, new concept for load application [with list of references]; by W. H. Horton, S. C. Bailey, Strether Smith, Jan. 1969. cover title, [1]+vi+24+[2] p. il. 4° (Contract DA 44-177-AMC-115(T); Department of Aeronautics and Astronautics, Stanford University, Stanford, Calif.) [Errata, 1 p., issued also.]
 Use of small and large displacement data from essentially elastic buck-13672 68 - 75.
- 13673 68-76 Use of small and large displacement data from essentially elastic buck-ling tests on columns and plates as means of correlating theory and experiment (with list of literature cited); by W. H. Horton, D. J. Tenerelli, B. T. Willey. Mar. 1969. cover title, [1]+ix+37+[2] p. il. 4° (Contract DA 44-177-AMC-258(T), Stanford University, Stanford, Calif.) [Errata, 1 p. issued also.]

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USAAVLABS technical report-Continued

68-77. Applicability of Southwell plot to interpretation of test data from instability studies of shell bodies [with list of references cited]; by W. H. Horton, F. L. Cundari. Mar. 1969. (Contract DA 44-177-AMC-258(T); Stanford University, Stanford, Calif.) [Errata, 1 p. issued 13674

13675

68-90c.

Single-stage axial compressor component development for small gas turbines, v. 3, Supersonic compressor stage development by Charles H. Muller, Leslie R. Cox. June 1969. cover title, [1]+xvi+111+[2] p. il. 4° (Contract DA 44-177-AMC-392(T); Curtiss-Wright Corporation, Wood-Ridge, N.J.) [Errata, 1 p. issued also.]

4erondynamic and aeroelastic characteristics of full-scale rotor blade stopped in flight [with list of references]; by Richard P. White, Jr. Apr. 1969. cover title, [1]+xiv+126+[2] p. il. 4° (Contract DA 44-177-AMC-366(T); Cornell Aeronautical Laboratory, Inc., Buffalo, N.Y.) [Errata, 1 p. issued also.]

69-13. Review of preliminary evaluation of lifting horizontal-axis rotating-13676

N.Y.) [Effrata, 1 p. Issued also.] eview of preliminary evaluation of lifting horizontal-axis rotating-wing aeronautical systems (HARWAS) [with bibliographical listing]; by W. F. Foshag, G. D. Boshier, Mar. 1969, cover title, [1] + xxiv + 396+[2] p. il. 4° (Contract DAAJ02-67-C-0046, Aerophysics Company, Washington, D.C.) [Erratum, 1 p. Issued also.] 13677 69-13.

13678 U.S. Army register: v. 1, Regular Army active list, Jan. 1, 1969, 1969. xiii+[3]+468 p. 4° [Also issued as H. doc. 25, pt. 1, 91st Cong., 1st sess.] * Paper, \$4.25. • Item 332 D 102.9: 969/v.1 L.C. card 4-18250

-v. 2, Army NGUS, USAR, and other active lists, Jan. 1, 1969. 1969. xiii+[4]+1259 p. 4° [Also issued as H. doc. 25, pt. 2, 91st Cong., 1st sess.] *Paner. \$9.50. • Item 332 13679 _ sess.] * Paper, \$9.50. D 102.9: 969/v.2 L.C. card 4-18250

-v. 3, Retired lists, Jan. 1, 1969. 1969. vi+[5]+398 p. 4° [Also issued 13680 _ as H. doc. 25, pt. 3, 91st Cong., 1st sess.] * Paper, \$3.50. • Item 332 D 102.9: 969/v.3 L.C. card 4-18250

-v. 4, Officers' honorary retired list, Jan. 1, 1969. [1969.] [2]+8 p. [Also issued as H. doc. 25, pt. 4, 91st Cong., 1st sess.] * Paper, 10c • Item 332 D 102.9: 969/v.4

L.C. card 4-18250 13682 Where the leaders are. [June 1969.] [20] p. il. narrow 8° ([RPI 699-B].) D 101.2: L 46/969 † • Item 325

13683 Your military obligation, Apr. 1969. [2] p. oblong 8° † • Item 325 D 101.2: M 59/3

ATOMIC ENERGY COMMISSION Washington, DC 20545

13684 AEC news release index, Jan.-June 1969; prepared by Division of Technical Information Extension. July 1969. [3]+8 p. 4° † U.S. Atomic Energy Commission, Division of Public Information, Washington, DC

Y 3.At 7:44 N 47/960 L.C. card 59-62302 Y 3.At 7: 22/(letters-nos.) AEC research and development reports.

Radiobiology, v. 8, no. 6, 1968 [articles with biolographies]. [May 1969.] cover title, [1]+a-d+232 p. il 4° (Division of Technical Information.) [Trans-AEC-tr-7013. 13685 lation of publication of Academy of Sciences, USSR.]

lation of publication of Academy of Sciences, USSR.]
φ Paper, \$3.00
1000 MWe LMFBR liquid metal fast breeder reactor
follow-up study: Combustion Engineering, task 2
and 3 report, Reference conceptual design of 1000
MWe LMFBR, v. 1, Conceptual system design descriptions [with lists of references]. [1969.] cover
title, [2]+xi+105 p. 22 p. of pl. 4° (Division of
Technical Information.) [Prepared for Argonne
NationalLaboratory; contract 31-109-38-1999,
Nuclear Power Department, Combustion Engineering, Inc., Windsor, Conn.] φ Paper, \$3.00. 13686 CEND-337 (v. 1).

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13687 CEND-337 (v. 2).

13688 CEND-337 (v. 3).

13689 CEND-346.

13690 CONF-670846.

13691 GEAP-5769.

13692 HASL-205.

13693 HASL-206.

13694 HASL-210.

13695 HASL-210, app.

13696 IDO-12069.

13697 JLI-3506-41.

13698 NBL-247.

1000 MWe LMFBR liquid metal fast breeder reactor follow-up study: Combustion Engineering, task 2 and 3 report, Reference conceptual design of 1000 MWe LMFBR, v. 2, Static design and performance analyses [with list of references]. [1969.] cover title, [1]+viii+107+[4] p. 37 pl. 4° (Division of Technical Information.) [Prepared for Argonne National Laboratory: contract 31-109-38-1999. Nuclear Power Department Combustion Engineering, Inc., Windsor, Conn.] Φ Paper, \$3.00.

1000 MWe LMFBR liquid metal fast breeder reactor follow-on study: Combustion Engineering, task 2 and 3 report, Reference conceptual design of 1000 MWe LMFBR, v. 3, Safety and control analyses [1212] p. il. 4° (Division of Technical Information.) (Prepared for Argonne National Laboratory: contract 31-109-38-1999.] Φ Paper, \$3.00.

1000 MWe LMFBR liquid metal fast breeder reactor follow-on study: Combustion Engineering, task 4 report, Research and development program needed for C-E reference concept [with lists of references]. [Feb. 1969.] cover title, vi+200 p. il. 4° (Division of Technical Information.) (Prepared for Argonne National Laboratory; contract 31-109-38-1999.] Φ Paper, \$3.00.

Conference on special topics on nuclear education, and research held in Gatlinburg, Tenn., Aug. 28-30, 1967 [with lists of references]. [Apr. 1969.] cover title, iii+284 p. il. 4° Paper, \$3.00.

1000 MWe LMFBR liquid metal fast breeder reactor follow-on study: General Electric, task 4 report, Research and development requirements for 1000 MWe sodium-cooled fast reactor [with list of references]. [Apr. 1969.] cover title, [231] p. il. 4° (Division of Technical Information.) [Prepared for Argonne National Laboratory; contract 31-109-38-1997.] Φ Paper, \$3.00.

Experimental and theoretical studies of transport of gamma rays through slab shields [with list of references].

National Laboratory; contract 31-109-38-1991.1
P Paper, \$2.00.

Experimental and theoretical studies of transport of gamma rays through slab shields [with list of references; by Burton G. Bennett, Gail deP. Burke, and Harold L. Beckl. Jan. 1969. cover title, vi+46 p. ii. 4° (Division of Technical Information; Health and Safety Laboratory, AEC, New York Operations Office, New York, N.Y.) & Paper, \$3.00.

Feasibility study of using Lif detectors in neutron flux integrator [with list of references; by Arthur S. Lazanoff, James E. McLaughlinl. Mar. 1969. cover title, iv+28 p. ii. 4° (Health and Safety Laboratory, AEC, New York Operations Office, New York, N.Y.) & Paper, \$3.00.

Health and Safety Laboratory fallout program, quarterly summary report [Mar. 1-June 1, 1969; prepared by Edward P. Hardy, jr., Joseph Riveral, July 1, 1969, over title [234] p. iil. 4° (Environmental Studies Division, New York Operations Office, Includes list of recent publications related to radionuclide studies.] & Paper, \$3.00.

L.C. card 68-62525 L.C. card 68-62525

Health and Safety Laboratory fallout program, quarterly summary report [Mar. 1-June 1, 1969], appendix. July 1, 1969. cover title [385] p. il. pendix. July Paper, \$3.00. L.C. card 68-62525

Testing Station, Idaho Falls, Idaho [with list of references; compiled by Bruce L. Schmalz]. June 1969. cover fitle, xii+166 p. il. 4° ([Environmental Branch, Health Services Laboratory], Idaho

Operations Office.) Φ Paper, \$3.00. Basic development and applications of bubble chambers for low level counting, final report [with list of references; prepared by C. P. Petroff, W. S. Koskl, and J. R. Waters]. Jan. 31, 1969. cover title, vii+104 p. 11. 4° (Johnson Laboratories, Incorporated, Cockeysville, Md.; [AEC contract AT(30-1)-3506.])

Annual progress report for period July 1967-June 1968 with lists of references]; Apr. 1969. cover title, vii+78 p. il. 4° (New Brunswick Laboratory, New Brunswick, N.J.) Φ Paper, \$3.00.

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Gove	RNMENT PUBLICATIONS
AFC research and dev	elopment reports—Continued
13699 NVO-40 (rev. 2).	Technical discussions of offsite safety programs for underground nuclear detonations [with bibliographies; prepared by Administrative Publications Section, Reynolds Electrical & Engineering Co., Inc.]. May 1969. cover title, v+311 p. il. 4° (Nevada Approx 23 00)
13700 NYO-2740-6.	biophysics, and radiation biology], Jan. 1, 1969 [with bibliographies]. Apr. 1969, cover title, 379 p. ii. 4° (Radiological Research Laboratory, Columbia University, New York, N.Y.) & Paper, \$3.00.
13701 NYO-3740-2.	1968. [39] p. il. 4° (Division of Technical Information.) [Isotopes, Inc., Westwood, N.J.]
13702 NYO-3740-3.	visit to Washington State, Oct. 1967-Mar. 1968; Prepared by Office of Nuclear Energy Develop-
13703 NYO-3864-1.	ment, Department of Commerce & Economic Develop- ment, State of Washington, for Division of Isotopes Development.] [Apr. 1968.] cover title, [5] +156 p. il. ([Contract AT (30-1)-3740.]) Paper, \$3.00. Development of radioactive pebble bed chemical reactor system, phase 2 report [with list of references; pre- pared by J. Y. Yang, H. T. Cullinan [and; C. C. Thomas, jr]. Feb. 14, 1969. cover title, v+64 p. il. 4° (Division of Technical Information; Western New York Nuclear Research Center, Incorporated, Buffalo, N.Y.) Paper, \$3.00.
13704 PNE-322.	Plowshare, civil, industrial and scientific uses for nuclear explosives: [Project] Buggy, preshot geologic and engineering properties investigations [with list of references]; by R. J. Lutton, R. W. Hunt, R. E. Rowland. Apr. 1969. cover title, 103 p. il. 4° (Army Engineer Waterways Experiment Station, Corps of Engineers, Vicksburg, Miss.) [Prepared for Army Engineer Nuclear Cratering Group, Livermore, Calif.] 4 Paper, \$3.00.
13705 PNE-611.	Plowshare, peaceful uses for indicar explosives, Florect Dugout, Nevada test site, June 24, 1964: Seismic interference & reciprocity for HE row charge, final report [with list of references; by P. C. Loux and J. R. Murphy]. June 27, 1969. cover title, [40] p. il. 4° (Environmental Research Corporation, Alexan- dria, Va; [contract AT (29-2)-1163].) \$\phi\$ Paper,
13706 PNE-806F.	Plowshare, civil, industrial and scientific uses for nuclear explosives, Project Handcar, Nevada test site, Nov. 5, 1964: Analysis of data on ground motion and containment [with list of references]. May 12, 1969. cover title [56] p. il. 4° (Environmental Research Corporation, Alexandria, Va.; [contract AT(992)].11681) Paper. \$3.00.
13707 PNE-956.	Plowshare, civil, industrial and scientific uses for nuclear explosives: Cabriolet, ecological and environmental effects from local fallout from Cabriolet; 1, Radiation doses and short-term effects on vegetation from close-in fallout [with list of references; by William A. Rhoads and others]. June 25, 1969. cover title, viii+65 p. il. 4° ([Project CEP-67.3]; EG&G, Inc., Goleta, Calif.) \$\phi\$ Paper, \$3.00. Plowshare, U.S. Army Corps of Engineers, civil, in-
13708 PNE-5004F.	dustrial and scientific uses for nuclear explosives: Construction techniques and costs for underground

Construction techniques and costs for underground emplacement of nuclear explosives [with bibliography]; by J. L. Hafr. Apr. 1969. [297] p. il. 40 [Prepared for U.S. Army Engineer, Nuclear Cratering Group, Livermore. Calif.] \$\phi\$ Paper, \$3.00. Preliminary reconnaissance for uranium in Arkansas, Illinois, Kentucky, Michigan, Minnesota, Missouri, Ohio, and Wisconsin, 1952-56. Aug. 1968. covertitle, 89 p. il. 40 (Division of Raw Materials, Atomic Energy Commission and Geological Survey.) [Page 89, last page of text, printed on p. 3 of cover.] \$\phi\$ Paper, \$3.00.

13709 RME-150.

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OCTOBER 1969 Preliminary reconnaissance for uranium in Kansas, Nebraska, and Oklahoma, 1951-56. Aug. 1968. cover title, 73 n. il. 4° (Grand Junction Office, Atomic Energy Commission, Grand Junction, Colo., and Geological Survey, Washington, D.C.) [Page 73, last page of text, printed on p. 3 of cover.] • Paper, 13710 RME-151. \$3.00 Preliminary reconnaissance for uranium in Maryland and Pennsylvania, 1953-57. Aug. 1968. cover title, 80 p. 4° (Division of Raw Materials, Atomic Energy Commission and Geological Survey.) 13711 RME-4103. Energy Commission and Geological Survey.)

\$\phi\$ Paper, \$3.00.

Preliminary reconnaissance for uranium in Alabama, Georgia, Mississippi, Tennessee, Virginia, and West Virginia, 1950-55. Aug. 1968. cover title, 77 p. 40 (Geological Survey.)

Preliminary reconnaissance for uranium in North and South Carolina, 1953-1956. Aug. 1968. cover title, 72 p. il. 40 (Division of Raw Materials, Atomic Energy Commission, and Geological Survey.)

Paper, \$3.00.

Report number series used by Division of Technical Information in cataloging reports; [compiled by Helen W. White]. 7th revised edition Sept. 1969. [1969.] cover title, [5]+169 p. 40 [Supersedes all previous revisions including TID-85 (2d rev. supp.).]

Paper, \$3.00.

Reactor safety, literature search; [compiled by Henry D. Raleigh]. [May 1969.] cover title, vi+68+85 p. 40 (Division of Technical Information Extension, Oak Ridge, Tenn.)

Nuclear reactors built, being built, or planned in United States as of June 30, 1969; prepared by Office of Assistant General Manager for Reactors. [1969.] cover title, vi+48+34 p. 40 Paper, \$3.00.

Radiation-induced polymerization and copolymerization of unusual monomers [with list of references; prepared by V. T. Stannett, and others]. Jan. 8, 1968. cover title, ix+145 p. il. 40 (Division of Technical Information; Camille Dreyfus Laboratory, Research Triangle Institute, Durhan, N.C.)

Summary of current seismic design practice for nuclear 13712 RME-4104. 13713 RME-4105. 13714 TID-85 (7th rev.). 13715 TID-3525 (rev. 5, suppl. 4). 13716 TID 8200 (20th rev.). 13717 TID-24923. 13718 TID-25021.

13719 TDI-25085.

13720 TID-[25086].

13721 UNC-5236.

Summary of current seismic design practice for nuclear

Summary of current seismic design practice for nuclear reactor facilities [with lists of references; by] John A. Blume and Associates, Engineers, San Francisco, Calif. Sept. 1967. viii+142 p. il. 4° (Division of Technical Information.) • Paper, \$3.00.

Control and reduction of oil mists from mechanical vacuum pumps, glovebox fire safety application [with bibliography; by R. D. Edwards, P. E. Johnson, and C. Yao.]. 1969. cover title, [1] + v+ 12+ [17] p. il. 4° [Prepared by Factory Mutual Corporation.] • Paper, 45c. • Item 1051-C

Evaluation of improved fire resistant glove materials for gloveboxes, glovebox fire safety application [with bibliography]; [by P. E. Johnson]. 1969. cover title, [1] + v+5+[2] p. il. 4° [Prepared by Factory Mutual Research Corporation. TID number incorrectly given as TID-25085.] • Paper, 25c. • Item 1051-C

Performance evaluation of heat exchangers for socium.

Performance evaluation of heat exchangers for sodium-cooled reactors, final status report [with list of ref-ferences; by K. Goldman, S. L. Israel, D. J. Nolan]. June 1969. cover title, ix+303 p. Il. 4° (Research and Engineering Center, United Nuclear Corpora-tion, Elmsford, N.Y.) Φ Paper, \$3.00.

13722 Radiation protection, past, present, and future, remarks by James T. Ramey, Commissioner, Atomic Energy Commission, at conference on universities, national laboratories, and man's environment, Chicago, Ill., July 28, 1969. [with list of references]. 1969. [28] leaves, 4° (S-25-69.) Y 3.At 7: 34 R 14/22

13723 Science, technology and the citizen, remarks by Glenn T. Scaborg, Chairman, Atomic Energy Commission, at Nobel symposium on the place of values in a world of facts, Stockholm, Sweden, Sept. 17, 1969. 1969. 16 leaves, 4° (S-26-69.) Y 3.At 7:34 Se 1/181

13724 Telephone directory, Atomic Energy Commission. Aug. 1969. cover title, vi+82 p. [Text on p. 2-4 of cover.] * Paper, 75c. Y 3.At 7:55/969-2

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13725 Understanding nuclear power [with list of references], remarks by James T. Ramey, Commissioner, Atomic Energy Commission, at Conference on Nuclear Power, Burlington, Vt., Sept. 11, 1969. Sept. 15, 1969. [1]+13 Y 3.At 7:34 R 14/23 leaves, 4° (S-28-69.) †

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

- 13726 Foreign regulations affecting U.S. textile/apparel exports. Sept. 15, 1968. [4]+102+9 p. 4° (Office of Textiles.) ‡ C 41 2: 1 31/5 L.C. card 74-603650
- 13727 Franchise company data for equal opportunity in business; [compiled by Sharon K. Gibson]. July 1969. xxi+147 p. 4° [Includes list of sources of franchising information.] † • Item 215 C 41.2: F 84/969 L.C. card 67-60961
- 13728 Major government sources and statistics for marketing research, address by Jacob Epstein Katz, Director, Office of Marketing, Business and Defense Services Administration, Department of Commerce, prepared for delivery at Marketing Conference of American Marketing Association, Denver, Colo., May 13, 1969. 1969. 12 p. 4° † C 41.15: K 15/9
- 13729 Patterns of industrial growth: Shipments of fluorescent lamp ballasts, C 41.90/5: B 21/958-68 1958-68. Aug. 1969. 3 p. 4° † Paper, 10c.
- Shipments of mining machinery and equipment, 1961-68. June 1969. C 41.90/5: M 66/961-68 3 p. 4° † Paper, 10c.
- 13731 U.S. imports of scientific, industrial, and technical instruments, 1958-67; [prepared by Fred E. Crosley, jr.]. July 1968. 4 p. ‡ C 41.2: In 7/2/958-66/supp.

CENSUS BUREAU, Commerce Dept. Suitland, MD 20233

- C 3.2: C 33/23 13732 About census '70. [1969.] 4 p. † 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.)
 - 5. Arkansas. [Aug. 1969.] iv+54 p. il. 4° * Paper, 65c. 9. Delaware. [Aug. 1969.] iv+34 p. il. 4° * Paper, 50c. 11. Florida. [Sept. 1969.] iv+98 p. il. 4° * Paper, \$1.00. 15. Illinois. [Aug. 1969.] iv+108+[2] p. il. 4° * Paper, \$1.25. 10. Item 132-A-11 illinois. [Aug. 1969.] iv+108+[2] p. il. 4° * Paper, \$1.25. 13733 13734 13735
 - 13736
 - 13737
- 16. Indiana. [Aug. 1969.] iv+90 p il. 4° * Paper. \$1.00. Item 132-A-17
 17. Iowa. [Aug. 1969.] iv+58 p. il. 4° * Paper, 70c. Item 132-A-18
 18. Kansas. [Aug. 1969.] iv+54 p. il. 4° * Paper, 60c. Item 132-A-19
 19. Kentucky. [Aug. 1969.] iv+60+[1] p. il. 4°. * Paper, 70c. Item
 132-A-20 13738 13739
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- 132-A-20
 24. Michigan. [Aug. 1969.] iv+96+[1] p. il. 4° *Paper, \$1.00. Item 132-A-25
 25. Minnesota. [Sept. 1969.] iv+58 p. il. 4° *Paper, 55c. Item 132-A-26
 29. Nebraska. [Aug. 1969.] iv+42 p. il. 4° *Paper, 55c. Item 132-A-30
 32. New Jersey. [Aug. 1969.] iv+100 p. il. 4° *Paper, \$1.00. Item 132-A-35
 34. New York. [Aug. 1969.] iv+144 p. il. 4° *Paper, \$1.50. Item 132-A-35
 35. North Carolina. [Aug. 1969.] iv+90 p. il. 4° *Paper, \$1.00. Item 132-A-36
 36. Obje. [Sept. 1969.] iv+128 p. il. 4° *Paper, \$1.50. Item 132-A-36
 37. Obje. [Sept. 1969.] iv+128 p. il. 4° *Paper, \$1.50. Item 132-A-36 13745 13746
- 13747 13748
- 152-A-36 37. Ohio. [Sept. 1969.] iv+138 p. il. 4° * Paper. \$1.25. Item 132-A-38 38. Oklahoma. [Aug. 1969.] iv+62 p. il. 4° * Paper. 65c. Item 132-A-39 40. Pennsylvania. [Sept. 1969.] iv+132+[1] p. il. 4° * Paper. \$1.25. Item 132-A-41 13749
- 44. Tennessee. [Aug. 1969.] iv+64+[1] p. il. 4° * Paper, 65c. • Item 13750
- 13751
- 45. Texas. [Aug. 1969.] iv+148+[1] p. il. 4° *Paper, \$1.50. Item 132-A-46
 50. West Virginia. [Aug. 1969.] iv+52 p. il. 4° *Paper, 65c. Item 132-A-52
 51. Wisconsin. [Aug. 1969.] iv+82 p. il. 4° *Paper, \$1.00. Item 132-A-53
 - 1967 censuses of business, manufactures, and mineral industries, EC67 (series). [Prepared in Business Division.] C 3.202/16: 967/(nos.) 1. Virgin Islands of United States. [Aug. 1969.] iv+21 p. il. 4° * Paper, 50c.
- 13754 ● Item 132-A-49 2. Guam. [Aug. 1969.] iv +22 p. il. 4° * Paper, 50c. • Item 132-A-13 13755

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

OCTOBER 1969

1967 census of business: Selected services area statistics BC67-SA (series). [Preprint of v. 8, Selected services, area statistics.]

C 3.202/14: 967/(nos.)

- 4. Arizona. [Sept. 1969.] iv+45 p. il. 4° * Paper, 55c. 30. Nevada. [Sept. 1969.] iv+39 p. il. 4° * Paper, 55c. $\frac{13756}{13757}$ ● Item 132-A-4 ■ Item 132-A-31
- 13758 1970 census photo log. July 1969. 10 p. il. oblong 8° † C 3.2:C 33/24 Census use study report.
- 2. Computer mapping; [prepared by Amy B. Unfried]. [Aug. 1969.] [3] +44 p. il. 4° [Text on p. 2 and 3 of cover.] † Paper, 25c. C 3.244: 2 13759
- 13760 Cotton production in United States, crop of 1968. [1969.] iii+40 p. ([Agriculture Division.]) * Paper, 20c. • Item 141 L.C. card 25-26795 C 3.32: 968
- 13761 Current industrial reports: Mattresses and bedsprings, summary for 1968. July 24, 1969. 3 p. 4° (Series M25E(68)-13.) † Paper, 15c. ● Item 142-A C 3.158: M 25 E (68)-13
- 13762 _ - Shipments of defense-oriented industries, 1967. Aug. 11, 1969. [3] +33 p. 4° (Series MA-175(67)-2.) † Paper, \$1.00. • Item 142-A C 3.158: MA-175(67)-2
 - Current population reports: Series P-20, Population characteristics, * Paper, \$8.50 (including Series P-20, P-23, P-25, P-26, 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-20/(nos.)
- 189. Selected characteristics of persons and families, Mar. 1969, income, poverty, education, mobility, family and household composition, fertility. Aug. 18, 1969, ii+15 p. 4° * Paper, 20c. 13763
 - Current population reports: Series P-23, Technical studies. * Paper, \$8.50 (including Series P-20, P-23, P-25, P-26, 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-23/(nos.)
- 28. Revision in poverty statistics, 1959 to 1968. Aug. 12, 1969. 7 p. 40 * Paper, 13764 10c.
 - Current population reports: Series P-25, Population estimates and projections. *Paper, \$8.50 (including Series P-20, P-23, P-25, P-26, 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-25/(nos.)

- 13765 424. Estimates of population of United States to May 1, 1969. June 18, 1969. 2 p. 4° * Paper, 5c.
- 13766
- 13767
- 428. Estimates of population of United States by age, race, and sex, July 1, 1969 (advance report.) Aug. 19, 1969. 2 p. 4° * Paper, 5c.

 429. Estimates of population of United States to July 1, 1969. Aug. 20, 1969. 2 p. 4° * Paper, 5c.

 430. Estimates of population of States, July 1, 1968 and 1969 (advance report.) Aug. 29, 1969. 2 p. 4° * Paper, 5c. 13768
 - Current population reports: Series P-60, Consumer income. * Paper. \$8.50 (including Series P-20, P-23, P-25, P-26, 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-60/(nos.)
- 13769 63. Average family income up 8 percent in 1968 (advance data from Mar. 1969 sample survey). Sept. 8, 1969. 5 p. 4° * Paper, 10c.
 - Current population reports: Series P-65, Consumer buying indicators. * Paper, \$8.50 (including Series P-20, P-23, P-25, P-26, 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.)
- Recent purchases of cars, houses, and other durables and expectations to buy during months ahead, survey data through July 1969. Aug. 22, 1969. i1+18 p. il. 4° * Paper, 20c. 13770

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

Data access descriptions: Census tabulations available on computer tape series, CT- [Intended as introductions to means of access to Census Bureau data for persons with data requirements not fully met by printed reports.] † ● Item 142-D C 3.240/3:(nos.)

13771

3. Second count summary tapes from 1970 census of population and housing.

Aug. 1969. 13 p. 4° (DAD 8.)

4. Third count (block) summary tapes from 1970 census of population and housing. Aug. 1969. 6+[1] p. 4° 13772

- 13773 Metropolitan area statistics. [Sept. 1969.] cover title, 863-922 p. [Includes list of related publications on p. 3 of cover. Reprint from Statistical abstract of United States, 1969.] * Paper, 35c. C 3.134/a: M 567/969 C 3.134/a: M 567/969
- 13774 Statistical abstract of United States, 1969 [National data book and guide to sources]. 90th annual edition. 1969. [1] +xx+1032 p. il. [Prepared under supervision of William Lerner, assistant chief, Statistical Information Division. Includes copyright material. Also issued as H. doc. 71, 91st Congress, 1st session.] * Cloth, \$5.75. • Item 150 C 3.134: 969 L.C. card 4-18089

Technical paper.

21. Postcensal survey: Characteristics of America's engineers and scientists.

1960 and 1962. [1969.] vi+73 p. 4° ([Population Division.]) [Prepared in cooperation with National Science Foundation.] * Paper, 70c. • Item 13775 C 3.212:21 L.C. card 77-602469

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

- 13776 Children's Bureau publications for parents. [1969.] 4 p. il. narrow 8° FS 17.212: P 21/969 • Item 450
- 13777 Hemolytic disease of fetus and newborn due to RH isoimmunization [with list of references; prepared by Jane S. Lin-Fu]. [Sept. 1968.] 15 p. 4° †

Research reports.

13778

CIVIL AERONAUTICS BOARD Washington, DC 20428

13779 List of U.S. air carriers; prepared by Publications Services Section. Sept. 1, 1969. 10 p. oblong 8° [Page 4 intentionally left blank.] C 31.254: 969-2

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

13780 Federal civil defense guide: pt. D, chap. 3, app. 3, Change 1, Instructions for preparing community shelter plan in smaller communities. July 1969. cover title, p. 13-14, 4° [Issued in looseleaf form.] † ● Item D 119.8/4: pt.D/chap.3/app.3/ch.1 320-B-3

Leaflet L (series). † • Item 857-D-5 41. Professional development courses [in nuclear defense design] for architects and engineers. July 1969 [6] p. il. narrow 8° [Supersedes L-41, July 1968.] 13781

65. The Grange and civil defense. June 1969. [2] p. Il. 4° folded into oblong 48° size. 13782

Technical report TR (series).

59. Computer program to analyze dynamic response of high rise buildings to nuclear blast loading [with list of references]. July 1969. cover title, [200] p. il. 4° [Combined reprint of two reports published in 1964 as segments of former Professional guide series (PG SO-18-1 and PG 80-18-2). Issued with perforations.] † ● Item 320-B-2 D 119.9:59 13783

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CIVIL RIGHTS COMMISSION Washington, DC 20425

Clearinghouse publications.

CR 1.10:(nos.)

13. Who will listen? [1969.] cover title, [1]+16 p. 4° [Page 16 on p. 3 of 13784

13. Who will listen? [1969.] cover title, [1]+16 p. 4° [Page 16 on p. 3 of of cover.] ‡
L.C. card 73-603690
17. Equal employment opportunity under Federal law, guide to Federal law prohibiting discrimination on account of race, religion, or national origin in private and public employment. Aug. 1969. [4]+27 p. ° Paper, 25c.
Item 288-A 13785 L.C. card 71-603687

CIVIL SERVICE COMMISSION Washington, DC 20415

- 13786 Amendment to announcement WAS-827, historian, grades GS-9 to GS-12, manpower analyst, grades GS-9 to GS-12. August 19, 1969. 1 p. oblong (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) [Amends issue 190 of AN 2279.] CS 1.26/4: 968/WAS-827/amdt.
- 13787 Current Federal civil service announcements, AN-2279, issue 191, Sept.-Oct. 1969. [1969.] [2] p. fo folded into narrow 8° size. † • Item 292 CS 1.28: 2279/191
- 13788 Local and regional civil service examinations offering best job opportunities, AN 2280 [issued 139], Sept.-Oct. 1969. [1969.] [2] p. oblong fo, folded into narrow 8° size. † • Item 292 CS 1.28: 2280/139
- 13789 Nursing careers in Federal service GS-4 through 15, announcement 419. July 1969. [2]+13 p. il. (Bureau of Recruiting and Examining.) • Item 292 CS 1.26: 969/419

Pamphlets. • Item 299

CS 1.48: (nos.)

- Working for U.S.A., applying for civil service job, what the Government expects of Federal workers, Apr. 1969, 38 p. il. narrow 8° * Paper, 20c. 13790 L.C. card 49-45939
- BRE-11. Returning Peace Corps volunteers. [June 1969.] [6] p. narrow 8° † BRE-17. Washington, D.C., working, living, learning, playing where the action is [June 1969.] [6] p. narrow 8° † 13791 13792
- Application of systems approach to training, case study [with bibliography]. Revised edition, June 1969. [1969.] iti+19 p. 4° ([Training systems and technology series, no. 11]; Bureau of Training.) [Originally issued as Pamphlet T-2, by Budget Bureau and Civil Service Commission.] * Paper, 30c. 13793

Personnel management series.

- 13794 21. Retired military personnel in Federal jobs. July 1969. 9+[1] p. narrow 8° (Bureau of Policies and Standards.) * Paper, 10c. Item 300-A CS 1.54: 21
- 13795 Places where civil service examinations are held, AN 2300, Feb. 1969. [1969]. [2] p. 4° [Supersedes all earlier editions.] † CS 1.28: 2300/30
- 13796 Toward equal opportunity in Federal employment, for all persons to seek and to achieve their highest potential and productivity, report to the President from Civil Service Commission. [Aug. 1969.] cover title, [8] p. il. 4° [Text on p. 2-3 of cover.] † • Item 295 L.C. card 77-603431 CS 1.2: Em 7/14
- 13797 Veterinarian trainee, grade GS-7, \$7,639 a year, summer employment for juniors in veterinary medicine, apply to Interagency Board of U.S. Civil Service Examiners for Washington, D.C., Hyattsville Branch Office, Federal Center Building, Hyattsville, Md. 20782, announcement WAH-922. Nov. 4, 1969. [1969.] 6 p. narrow 8° [Closing date Feb. 2, 1970. No written test required.] • Item 292 CS 1.26/4: 969/WAH-922

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

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

13798 Tidal current tables, Pacific Coast of North America and Asia, 1970. 1969.
254 p. il. [Includes list of publications relating to tides and currents.]
† Paper, \$2.00. • Item 191
L.C. card 22-26900 C 4.23:970

13799 Tide tables, high and low water predictions, central and western Pacific Ocean and Indian Ocean, 1970. 1969. 386 p. [Index map of tide table coverage on p. 2 of cover. Includes list of publications related to tides and tidal currents.] † Paper, \$2.00. ● Item 196

I.C. card 7-35369 C 4.15/6:970

COAST GUARD, Transportation Dept. Washington, DC 10591

13800 Correspondence course catalog, Coast Guard reserve personnel on inactive duty. 1969. cover title, [28] p. 4° (CG-391.) [Issued with perforations.]

TD 5.2: C 81/969

Oceanographic report.

13801 19. Oceanography of Grand Banks region of Newfoundland in 1967 [with list of references; by] Charles W. Morgan. [1969.] ix+209 p. il. 4° (CG 373-19; [Coast Guard Oceanographic Unit, Washington, D.C.].) † Item 240-B L.C. card 70-603665

COMMERCE DEPARTMENT Washington, DC 20230

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

- 13802 Address by Thomas P. Dunne, Special Assistant to Deputy Assistant Secretary of Commerce for Economic Development, Economic Development Administration at Alabama Industrial Development Conference, Birmingham, Ala., Sept. 11, 1969. [1969.] [1] +8 p. 4° † C1.18: D 92
- 13803 Auditing career in Department of Commerce. [1969.] cover title, 8 p. il. (Office of Audits.) ‡ C 1.2: Au 2
- 13804 Directory of private programs for minority business enterprise; prepared by Economic Development Administration for Office of Minority Business Enterprise. 1st edition, Aug. 1969. iii+58 p. † Item 126-B L.C. card 72-603592
- 13805 Federal standards policy program, address by Assistant Secretary of Commerce for Science and Technology, Myron Tribus, prepared for delivery before Standards Engineers Society's annual convention, Washington, D.C., Sept. 16, 1969. 1969. 7 p. 4° † C 1.18: T 73/4
- 13806 National and Regional Export Councils, helping American business to compete successfully in world markets! [Revised Aug. 1969.] [1969.]
 11 p. narrow 8° † Item 128 C1.2; Ex 7/2
- 13807 Our need is so great, our objective so reasonable, our resolve so determined, remarks by Stanley Nehmer, Deputy Assistant Secretary of Commerce for Resources, prepared for delivery at 115th annual meeting of Northern Textile Association, Wentworth-by-the-Sea, Portsmouth, N.H., Sept. 16, 1969. [1969.] 11 p. 4° † C 1.18: N 31/11
- 13808 Remarks by Maurice H. Stans, Secretary of Commerce before Maritime Administration Research and Development Conference, Washington, D.C., Sept. 10, 1969. [1969.] 6 p. 4° † C1.18: St 2/13
- 13809 Statement by William H. Chartener, Assistant Secretary for Economic Affairs, on defense-related economic activity during 2d quarter of 1969.

 Aug. 27, 1969. 3 p. 4° † C 1.18; C 38/23

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13810 United States Department of Commerce publications, 1968 supplement, catalog and index; [compiled by Guy F. Glossbrenner with assistance of bureau representatives]. 1969. iv+66 p. (Office of Publications.) * Paper, 35c. • Item 128 L.C. card 52-60731 C 1.2: P 96/supp.968

COMMERCIAL FISHERIES BUREAU, Interior Dept. Washington, DC 20240

- C.F.S. (series). † • Item 610-A I 49.8/2: (nos.) 13811 4919. Fish meal and oil, 1968, annual summary. [May 1969.] 4 p. il. 40
- Virginia landings, 1968, annual summary. [July 1969.] 14 p. il. 4° [Prepared in cooperation with Virginia Marine Resources Commission, Newport News and Potomac River Fisheries Commission, Colonial Beach, Va.] 13812 4929.
- 13813 13814
- 4935. Chesapeake fisheries, 1967, annual summary. [July 1969.] 8 p. il. 4° 4953. Maine landings, 1968, annual summary. [May 1969.] 21 p. il. 4° 4971. Great Lakes fisheries, 1967, annual summary. [July 1969.] 8 p. il. 4° 5023. South Atlantic fisheries, 1967, annual summary. [Aug. 1969.] 10 p. il. 4° 13815 13816
- Circulars. Item 609. 290. Report of Bureau of Commercial Fisheries Biological Laboratory, St. Petersburg Beach, Fla., fiscal year 1967. June 1968. lil+17 p. ll. 4° (Contribution 39, Bureau of Commercial Fisheries Biological Laboratory, St. Petersburg, Contribution 29, Bureau of Commercial Fisheries Biological Laboratory, St. Petersburg, 13817 Beach, Fla.) [Includes list of publications and manuscripts in
- press. 296. Fishery publication index, 1955-64, publications of Fish and Wildlife service by series, authors, and subjects; [compiled by George Washington University]. May 1969. ii + 240 p. 4° Paper, \$1.75.

 L.C. card 76-603664 13818
- 13819 319. Bureau of Commercial Fisheries Great Lakes Fishery Laboratory, Ann Arbor, Mich. [Sept. 1969.] [8] p. narrow 8°

Fishery leaflet.

- 602. Eastern Pacific fishery, 1888-1966; by F. Heward Bell. [Revised] Aug. 1968. [1968.] iii+8 p. il. 4° (Branch of Fishery Statistics, Division of Economics.) [Cover illustration courtesy Pacific Fishermen.] 13820 ● Item 611-D I 49.28:602/2
- 13821 Proceedings, B.C.F. acoustical workship, Nov. 25-27, 1968. Jan. 1969. iv+ 40 p. il. 4° (Exploratory Fishing and Gear Research Base, Seattle, Wash.) I 49.2: Ac 7/968
- Special scientific reports: Fisheries. ‡ Item 614-B I 49.15/2:(nos.) 13822
- 13823
- 587. Transplanting adult pink salmon to Sashin Creek, Baranof Island, Alaska, and survival of their progeny [with list of literature cited]; by J. McNeal, Stephen C. Smedley, and Robert J. Ellis, Aug. 1969. iii+9 p. ii. 4° 588. Processing of digital data logger STD tapes at Scripps Institution of Oceanography and Bureau of Commercial Fisherles, La Jolla, Calif.; by James H. Jones, June 1969. iii+25 p. ii. 4° [Some pages are printed as leaves.]

CONGRESS

- Congressional record, proceedings and debates of 90th Congress, 2d session, v. 114. [Permanent edition.] 1968. • 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.
- pt. 13. June 10-18, 1968. [1] + 16381-17716 p. 4° * Cloth, \$6.75 pt. 14. June 19-26, 1968. [1] + 17717-1966 p. 4° * Cloth, \$6.00 13824
- 13825
- pt. 15. June 27-July 9, 1968. [1]+19061-20422 p. 4° *Cloth, pt. 16. July 10-16, 1968. [1]+20423-21656 p. 4° *Cloth, \$6.00. pt. 17. July 17-23, 1968. [1]+12657-22978 p. 4° *Cloth, \$6.25. pt. 19. July 31-Sept. 4, 1968. [1]+24367-25746 p. 4° *Cloth, \$6.25. 13826 * Cloth, \$6.25.
- 13827
- 13828 13829
- * Cloth, \$6.50.

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 extender. of this catalog :

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

House documents:

- 13830
- nos. 287, 293, 90th Congress, 2d session, Reports Boy Scouts of America and Girl Scouts of U.S.A., 1967 [Serial 12807-3]. Item 995-P no. 111, 91st Congress, 1st session. 70th Encampment, United Spanish War Veterans, 1968 [Serial 12851-6]. Item 885-K no. 137, 91st Congress, 1st session, Technical information for Congress [Serial 12852-2]. Item 995-G 13832

Senate document:

no. 5, 91st Congress, 1st session. Daughters of the American Revolution, 1965-66 [Serial 12842]. ● Item 995-B 13833

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.

- 33. H.R. 6585, act for relief of Mr. and Mrs. A. F. Elgin, Approved Aug. 4, 1969. 13834
- R. 3379, act for relief of Sfc. Patrick Marratto, United States Army retired). Approved Aug. 4, 1969, 1 p. 34. H.R. 13835
- 13836
- 35. H.R. 1632, act for relief of Romeo de la Torre Sanano and his sister, Julieta de la Torre Sanano. Approved Aug. 18, 1969. 1 p.
 36. H.R. 2336, act for relief of Adela Kaczmarski. Approved Aug. 18, 1969. 1 p.
 37. H.R. 6581, act for relief of Bernard A. Hegemann. Approved Aug. 18, 1969. 13837 13838
- 1 p.
 38. H.R. 2037, act for relief of Robert W. Barrie and Marguerite J. Barrie.
 Approved Aug. 20, 1969. 1 p.
 39. H.R. 1462, act for relief of Mrs. Vita Cusumano. Approved Aug. 20, 1969. 13839
- 13840
- 1 p. 40. H.R. 1808, act for relief of Capt. John W. Booth, III. Approved Aug. 20, 13841 1969. 1 p.
- 13842
- 41. H.R. 9088, act for relief of Clifford L. Petty. Approved Aug. 20, 1969. 1 p.
 42. H.R. 8136, act for relief of Anthony Smilko. Approved Aug. 30, 1969. 1 p.
 43. H.R. 1707, act for relief of Miss Jalileh Farah Salameh El Ahwal. Approved
 Aug. 25, 1969. 1 p. 13843 13844
- 44. H.R. 5107, act for relief of Miss Maria Mosio. Approved Aug. 25, 1969. 1 p. 13845

• Item 575 Public laws, 91st Congress.

Norm.—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.

 H.R. 11400, act making supplemental appropriations for fiscal year June 30, 1969, and for other purposes. [Approved July 22, 1969.] 35 p. * Paper, 13846

ATOMIC ENERGY JOINT COMMITTEE Washington, DC 20515

13847 La Crosse boiling water reactor project, hearing before Subcommittee on Legislation, 90th Congress, 1st session, on La Crosse boiling water reactor project and materials concerning Hallam, Elk River, Pathfinder, BONUS and Piqua reactor projects, May 4, 1967. 1969. vi+536 p. il. * Paper, \$2.25. • Item 999 Y 4.At 7/2: L 11/4 L.C. card 72-603229

ECONOMIC JOINT COMMITTEE Washington, DC 20510

13848 Innovations in planning, programing, and budgeting in State and local governments, compendium of paper [compiled by Robert Haveman], submitted to Subcommittee on Economy in Government. 1969. v+218 p. il. (Joint committee print, 91st Congress, 1st session.) * Paper, \$1.00. • Item 1000 L.C. card 77-603640 Y 4.Ec 7: P 69/3

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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, 90th Congress.

286. Proceedings of state convention of 69th national encampment, United Spanish War Veterans, San Antonio, Tex., Sept. 2-7, 1967; Mar. 25, 1968. 1968. v+116 p. il. 2 por. † (Sent to depository libraries in Serial set 13849 binding.) L.C. card CA 10-5225

House document, 91st Congress.

- Annual report to Comptroller General of United States, fiscal year 1968. 1968. xi+383 p. il. *(Available in department edition, \$1.75, GA 1.1:968, and sent to depositories in that form. See Entry no. 13850 14. 14301.)
- S. Army register: v. 1, Regular Army active list, Jan. 1, 1969. 1969. xiii+[3]+468 p. 4° (Available in department edition, \$4.25, D 102.9: 969/v.1 and sent to depositories in that form. See Entry no. 13678.) 1, 1969. on, \$4.25, 13851
- 13852
- 13853
- 13854
- 13855
- 13857
- 13858
- 13859
- 1969. xiii+|a|+488 p. 4° * (Available in department edition, \$4.25, D 102.9: 969/v.1 and sent to depositories in that form. See Entry no. 13678.)

 25, v. 2. U.S. Army register: v. 2, Army NGUS, USAR, and other active lists, Jan. 1, 1969. 1969. xiii+|4|+1259 p. 4° * (Available in departmental edition, \$9.50, D 102.9: 969/v.2 and sent to depositories in that form. See Entry no. 13678.)

 25, v. 3. U.S. Army register: v. 3, Retired lists, Jan. 1, 1969. 1969. vi+|5]+398 p. 4° * (Available in departmental edition, \$3.50, D 102.9: 969/v.3 and sent to depositories in that form. See Entry no. 13680.)

 25, v. 4 U.S. Army register: v. 4, Officers' honorary retired list, Jan. 1, 1969. 11969. 12]+8 p. * (Available in departmental edition, 10c., D 102.9: 969/v.4 and sent to depositories in that form. See Entry No. 13681.)

 27. Railroad Retirement Board. 1968 annual report for fiscal year. [1969.] vii+170 p. ii. * (Available in departmental edition, \$1.00, RR 1.1: 968, and sent to depositories in that form. See Entry no. 14823.)

 71. Statistical abstract of United States, 1969 [National data book and guide to sources]. 90th annual edition, 1969. xx+1032 p. ii. [Prepared under supervision of William Lerner, assistant chief, Statistical Information Division. Includes copyright material.] * (Available in departmental edition, cloth, \$5.75, C 3.134: 969, and sent to depositories in that form. See Entry no. 13774.)

 95. 1968 annual report, Girl Scouts of United States of America, 830 3d Ave., New York, N.Y. 10022. [1969.] * +85 p. ii. * Paper, 45c. (To be sent to depository libraries in Serial set binding.)

 111. Proceedings of stated convention of 70th national encampment, United Spanish War Veterans, Asbury Park, N.J., Sept. 8-12, 1968; Apr. 30, 1969. 1969. v+105 p. ii. 2 por. † (To be sent to depository libraries in Serial set binding.)

 124. L.C. card CA10-5225

 24th report of Advisory Commission on Information: July 1, 1969. 1969. [3]+12 p. [Report dated May 19, 1969.] † Item 996

 L.C. card 71-603017

 Proposals for welfare p 13860
- Proposals for welfare program, message from the President of United States relative to welfare reform. Aug. 11, 1969. 8 p. † Item 996 Manpower training, message from the President of United States, Aug. 12, 1969. 5 p. † Item 996 13861 146. 13862 147.
- Manpower training, message 1969. 5 p. † Item 996

 Federal-State revenues, message from the President of United States relative to Federal revenue sharing with States. Aug. 13, 1969. 4 p. † Item 996 148.

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

- 13864
- 371. Incorporate the Paralyzed Veterans of America. Report from Committee on District of Columbia to accompany H.R. 1783. July 10, 1969. 4 p.
 374. Lease of District property to Jewish Historical Society of Greater Washington. Report from Committee on District of Columbia to accompany H.R. 12677. July 11, 1969. 4 p. 13865

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

10356. Aug. 6, 1969. 4 p.

445. Victor L. Ashley. Report from Committee on Judiciary to accompany H.R.
11060. Aug. 6, 1969. 7 p.

446. Wylo Pleasant, doing business as Pleasant Western Lumber Co. (now known as Pleasant's Logging & Milling, Inc.). Report from Committee on Judiciary to accompany H.R. 11503. Aug. 6, 1969. 7 p.

447. Mr. and Mrs. John F. Fuentes. Report from Committee on Judiciary to accompany H.R. 11500. Aug. 6, 1969. 3 p.

448. Rose Minutillo. Report from Committee on Judiciary to accompany H.R. 12089. Aug. 6, 1969. 4 p.

449. T. Sgt. Peter Elias Gianutos [Gianutsos], U.S. Air Force (retired). Report from Committee on Judiciary to accompany H.R. 11890. Aug. 6, 1969. 7 p.

450. Maj. Louis A. Deering. Report from Committee on Judiciary to accompany H.R. 11968. Aug. 6, 1969. 3 p.

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

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- 13905 465. Irving M. Sobin Co., Inc., and/or Irving M. Sobin Chemical Co., Inc. Report from Committee on Judiciary to accompany H.R. 1782. Aug. 11, 1969. 6 p.
- 467. Opposing granting of permanent residence in United States to certain aliens. Report from Committee on Judiciary to accompany H. Res. 422. Aug. 12, 1969, 3 p. 13906
 - House reports on public bills, 91st Congress.† House Document Room, • Item 1008-A
- 13907
- 414. Court leave for employees of United States and District of Columbia. Report from Committee on Post Office and Civil Service to accompany H.R. 12979. Aug. 5, 1969. 13 p.
 457. Amending rule 35 of rules of House of Representatives to increase fees of witnesses before the House or its committees. Report from Committee on Rules to accompany H. Res. 495. Aug. 7, 1969. 1 p.
 458. Authorizing Committee on Post Office and Civil Service to conduct studies and investigations within its jurisdiction. Report from Committee on Rules to accompany H. Res. 269. Aug. 7, 1969. 1 p.
 469. Hours of service act amendments of 1969. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 8449. Aug. 13, 1969. 14 p. 13908
- 13909
- 13910

Agriculture Committee, House Washington, DC 20515

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

- L. Provide flexible interest rate on loans to associations for water and waste disposal, hearing before Subcommittee on Conservation and Credit, 91st Congress, 1st session, on H.R. 5850, June 17, 1969. 1969. iii+31 p. L.C. card 77-603379 Y 4.Ag 8/1: L 78/12 13911
- M. Increase license fees under Perishable agricultural commodities act of 1930, hearing before Subcommittee on Domestic Marketing and Consumer Relations, 91st Congress, 1st session, on H.R. 9857, July 17, 1969. 1969. iii+ 13912
- tions, 91st cong. ..., 37 p.
 L.C. card 71-603364

 N. Amend Federal seed act, hearing before Subcommittee on Departmental Operations, 91st Congress, 1st session, on H.R. 10236, H.R. 10423, H.R. 10552, and H.R. 10653, July 23, 1969, 1969, iii+31 p.
 Y 4.Ag 8/1: Se 3/12/969
 Y 4.Ag 8/1: Se 3/12/969 13913
- 13914 Increase durum wheat allotments, hearing before Subcommittee on Livestock and Grains, 91st Congress, 1st session, on H.R. 485, July 23, 1969. 1969. iii + 34 p. L.C. card 78-603363
- Y 4.Ag 8/1: W 56/13/969 grams, hearing before Subcommittee on Domestic Marketing and Consumer Relations, 91st Congress, 1st session, on H. R. 8536 and H.R. 11663, July 28, 1969, 1969, 11+22 p.

 L.C. card 77-603360

 Y 4.Ag 8/1: P 94/6 P. Authorize production research under marketing agreement and order pro-13915

Appropriations Committee, House Washington, DC 20515

- 13916 Department of Defense appropriations for 1970, hearings before subcommittee, 91st Congress, 1st session.
 - pt. 3. Procurement. 1969. ii+1163+xxii p. il. † Item 1011 L.C. card 61-60926 Y 4.Ap 6/1: D 36/5/970/pt.3
- 13917 Legislative branch appropriations for 1970, hearings before subcommittee, 91st Congress, 1st session. 1969. ii+684+ix p. il. † • Item 1011 L.C. card 60-61305 Y 4.Ap 6/1: L 52/970
- 13918 Public works appropriations for 1970 for water and power resources development and Atomic Energy Commission, hearings before subcommittee, 91st Congress, 1st session † • Item 1011 L.C. card 77-603537
 - Y 4.Ap 6/1: P 96/14/970/pt.(nos.) pt. 1. Civil functions, Department of Army, statement of Deputy Chief of Engineers, Missouri River Division, New England Division, North Atlantic Division, North Central Division, Ohio River Division, South Atlantic Division, Southwestern Division, 1969, ii+1254+xxii p. il.
 - pt. 4. Atomic Energy Commission. 1969. ii+733+vi. p. il. pt. 5. Testimony of Members of Congress, and other individuals and organizations. 1969. ii+1912+xiv p. il.

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

Armed Services Committee, House Washington, DC 20515

- 13919 34th report to Congress (Jan. 1-June 30, 1969) of Department of Defense in accordance with sec. 2455, title 10, U.S.C. (formerly sec. 8 of Public law 426, 82d Congress), on Defense cataloging and standardization act of 1952, report of Armed Services Investigating Subcommittee, 91st Congress, 1st session; Sept. 8, 1969. 1969. iii+16 p. (Committee print.) ‡ L.C. card 53-60980 Y 4.Ar 5/2: D 36/2/969
- 13920 Review of Army tank program, hearings before Armed Services Investigating Subcommittee, 91st Congress, 1st session, under authority of H. Res. 105; Mar. 13-Apr. 28, 1969. 1969. iv+568 p. il. † • Item 1012 L.C. card 70-603377 Y 4.Ar 5/2: T 15/3

Banking and Currency Committee, House Washington, DC 20515

- 13921 H.R. 6778 and H.R. 9385, text of proposed changes in and additions to existing law, together with summaries of bills; [prepared by committee staff in collaboration with Office of Legislative Counsel], Mar. 28, 1969. 1969. [1] +49 p. (Committee print.) L.C. card 71-603522 Y 4.B 22/1: B 22/21
- 13922 Housing and urban development legislation, 1969, hearings before Subcommittee on Housing, 91st Congress, 1st session, July 17–30, 1969. vi+623 p. il. 1 pl. † • Item 1013 L.C. card 70-603594 Y 4.B 22/1: H 81/46/969
- 13923 Recent international financial and monetary developments, hearing before Subcommittee on International Finance, 91st Congress, 1st session, Aug. 6, 1969. 1969. iii+26 p. † • Item 1013 L.C. card 79-603366 Y 4.B 22/1: In 8/20

Education and Labor Committee, House Washington, DC 20515

- 13924 Children with learning disabilities act of 1969, hearings before General Subcommittee on Education, 91st Congress, 1st session on H.R. 8660 and H.R. 9065, July 8-10, 1969. 1969. v+236 p. il. † • Item 1015 L.C. card 75-603227 Y 4.Ed 8/1: C 43/5
- 13925 Economic opportunity amendments of 1969, hearings before Ad Hoc Hearing Task Force on Poverty, 91st Congress, 1st session, on H.R. 513. L.C. card 73-602058 Y 4.Ed 8/1: Ec 7/969/pt.5 pt. 5. Appendix. 1969. vii + 2821-3038 p. † • Item 1015
- 13926 Employment of green card aliens during labor disputes, hearings before Special Subcommittee on Labor, 91st Congress, 1st session, on H.R. 12667, July 16-Aug. 8, 1969. iv+250 p. il. ↑ ● Item 1015 L.C. card 72-603525 Y 4.Ed 8/1: Al 4
- 13927 Gifted and talented children educational assistance act, hearing before General Subcommittee on Education, 91st Congress, 1st session, on H.R. 4807 and H.R. 12814, July 15, 1969. 1969. iii+65 p. † • Item 1015 L.C. card 75-603373 Y 4.Ed 8/1: C 43/6

Foreign Affairs Committee, House Washington, DC 20515

- 13928 Foreign assistance act of 1969, hearings, 91st Congress, 1st session, on H.R. 11792. • Item 1017 L.C. card 70-602763 Y 4.F 76/1: F 76/28/969/pt.(nos.)
 - pt. 3. June 23-30, 1969. 1969. iv+461-667 p. il. * Paper, 75c. pt. 4. July 1-11, 1969. 1969. iv+669-898 p. * Paper, \$1.00. pt. 5. July 14-18, 1969. 1969. vi+899-1147 p. * Paper, \$1.00. pt. 6. July 22-28, 1969. 1969. iv+149-1383 p. * Paper, \$1.00. pt. 7 and app. July 29-Aug. 1, 1969. 1969. v 1385-1672 p. il. * Paper, \$1.25.

13929 U.S. participation in international expositions held in United States, hearings before Subcommittee on International Organizations and Movements, 91st Congress, 1st session on H.R. 13171, H.R. 11129, and S. 856, July 30, 1969. 1969. iii+20 p. † • Item 1017 L.C. card 70-603234 Y 4.F 76/1: Ex 7/2

Government Operations Committee, House Washington, DC 20515

- 13930 Deficiencies in administration of Federal insecticide, fungicide, and rodenticide act, hearings before subcommittee, 91st Congress, 1st session, May 7 and June 24, 1969. 1969. iv+310 p. il. † • Item 1016 L.C. card 70-603393 Y 4.G 74/7: F 31/14
- 13931 Realining regional boundaries of certain Federal agencies, hearing before subcommittee, 91st Congress, 1st session, May 8, 1969. 1969. iii+67 p. • Item 1016 L.C. card 78-603233 Y 4.G 74/7: B 66
- 13932 Rural Electrification Administration's bulletin inhibiting political activities by its borrowers and their employees, hearing before subcommittee, 91st Congress, 1st session, July 15, 1969. 1969. iii+60 p. † • Item 1016 Y 4.G 74/7: R 88/2 L.C. card 76-603613

Internal Security Committee, House Washington, DC 20515

NOTE.—The name of the Un-American Activities Committee has been changed to the Internal Security Committee.

13933 Investigation of Students For a Democratic Society, hearings, 91st Congress, 1st session. • Item 1026 L.C. card 70-602885 Y 4.In 8/15: St 9/pt. (nos.)

pt. 1-A. Georgetown University, June 3 and 4, 1969. 1969. v+1-266+vii p. il.

* Paper, \$1.00.

pt. 1-B. Georgetown University, June 5 and 17, 1969. 1969. v+267-474+vii p.

il. * Paper, \$1.00.

pt. 2. Kent State University, June 24 and 25, 1969. 1969. v+475-642+vii p. il.

* Paper, 70c.

Merchant Marine and Fisheries Committee, House Washington, DC 20515

[Committee hearing] serial, 91st Congress.

9. Passenger vessel legislation, hearing before Subcommittee on Merchant Marine, 91st Congress, 1st session, on H.R. 210 [and] H.R. 12605, July 22, 1969. 1969. iii+36 p. † • Item 1021 Y 4.M 53: 91-9 13934

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

[Committee hearings] serial, 91st Congress. † • Item 1022 L.C. card 72-602528 Y 4.P 84/10:91-(nos.)

Post Office reorganization, hearings, 91st Congress, 1st session, on various proposals to reform postal establishment, pt. 2. June 20-July 22, 1969-1969, v+371-845 p. il. 13935 4.

4(a). Post Office reorganizations, hearings, 91st Congress, 1st session, on various proposals to reform postal establishment, pt. 3. July 23-Aug. 12, 1969. 1969. xiii+847-1318 p. [Contents for 3 parts included.]

12. Obscenity in the mails, hearings, 91st Congress, 1st session, on H.R. 10867. pt. 1. Aug. 5 and 6, 1969. 1969, xv+199 p.

L.C. card 70-603586 13936

13937 Pay comparability system act of 1969, H.R. 12124, Subcommittee on Compensation; June 18, 1969. 1969. ii+22 p. (Committee print.) ‡ Y 4.P 84/10: P 29/12/969 L.C. card 70-602999

13938 Salary and retirement annuity increases of Federal classified and postal employees, 1945-69, together with current salary schedules; July 1969. 1969. ii+10 p. (Committee print 10, 91st Congress, 1st session.) L.C. card 75-602995 Y 4.P 84/10: Sa 3/15/945-69

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Public Works Committee, House Washington, DC 20515

[Committee publication], 91st Congress.

9. Highway legislation, hearings before Subcommittee on Roads, 91st Congress, 1st session [on] H.R. 9446, H.R. 4808, H.R. 6785, and related bills, May 13— June 5, 1969, 1969, vii + 625 p. ii. † ● Item 1024 L.C. card 73—603587 Y 4.P 96/11:91-9

Rules Committee, House Washington, DC 20515

13940 Proposing amendment to Constitution of United States relating to election of the President and the Vice President, hearings, 91st Congress, 1st session, on H.J. Res. 681 and similar measures, July 17-24, 1969. 1969. iii+98 p. † ● Item 1025
L.C. card 77-603529 Y 4.R 86/1: P 92/3/969

Science and Astronautics Committee, House Washington, DC 20515

13941 Technology, processes of assessment and choice, report of National Academy of Sciences [with lists of references and notes]. July 1969. xiv+163 p. ([Committee print.]) * Paper, 75c.

L.C. card 73-603536 Y 4.Sci 2: T 22

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

13942 Tax-exempt foundations and charitable trusts, their impact on our economy, 7th installment, subcommittee chairman's report to Subcommittee No. 1, 91st Congress; June 30, 1969. 1969. v+165 p. oblong 8° (Committee print.) * Paper, \$1.50.

14.C. card 63-60464 Y 4.Sm 1: T 19/2/7th inst.

Veteran's Affairs Committee, House Washington, DC 20515

13943 Construction of new VA hospital in southern California, hearings before Subcommittee on Hospitals, 91st Congress, 1st session, on H.R. 863 and H.R. 6298; Aug. 1, 1968. 1969. vii+1931-2026 p. il. † ● Item 1027 L.C. card 77-603352 Y 4.V 64/3: H 79/28

Ways and Means Committee, House Washington, DC 20515

- 13944 Foreign trade and tariff proposals, hearings, 90th Congress, 2d session, on tariff and trade proposals, June 4-July 2, 1968.
- 13945 Press releases announcing tentative decisions on tax reform subjects as announced by Wilbur D. Mills, including press release of May 27, 1969 and press release of July 11, 1969. 1969. iii+16 p. (Committee print, 91st Congress, 1st session.) * Paper, 15c.

 L.C. card 73-603473 Y 4.W 36: T 19/47/969-2
- 13946 Revised summary list and brief description of provisions contained in H.R. 13270, Tax reform act of 1969. 1969, ii+5 p. (Committee print, 91st Congress, 1st session.) * Paper, 20c.

 L.C. card 72-603533 Y 4.W 36: T 19/48

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PRINTING JOINT COMMITTEE Washington, DC 20510

13947 [Government paper specification standards no. 6, Change, effective Feb. 1, 1968.] Aug. 25, 1969. [21] leaves, 4° [Issued in looseleaf form.] * Paper, \$2.00 (including supplementary material for an indefinite period); 50c. additional for foreign mailing. • Item 1004-B Y 4.P 93/1: 7/6/ch.-3

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,

30. Report of Secretary of Senate, Jan. 1-June 30, 1969; Aug. 25, 1969. 1969. iv+503 p. † (To be sent to depository libraries in Serial set binding.)
31. Semiannual report of Architect of Capitol, Jan. 1-June 30, 1969, pursuant to sec. 105(b), Public law 454, 88th Congress; Aug. 26, 1969. 1969. iii+115 p. † ● Item 996 13948 13949

Senate reports

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

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

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13952

 Lt. Col. Samuel J. Cole, U.S. Army (retired). Report from Committee on Judiciary to accompany S. 267. July 10, 1969. 8 p.
 Dr. Diego Aguliar Aranda. Report from Committee on Judiciary to accompany S. 571. July 10, 1969, 6 p.
 Dug Foo Wong. Report from Committee on Judiciary to accompany S. 2019. July 10, 1969. 4 p.
 Conferring U.S. citizenship posthumously upon James F. Wegener. Report from Committee on Judiciary to accompany H.R. 1828. July 10, 1969. 3 p. 13953

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13956 13957

304. Wu Hip. Report from Committee on Judiciary to accompany S. 1963. July 10, 1969. 8 p.
305. Andrew Chu Yang. Report from Committee on Judiciary to accompany S. 1845. July 10, 1969. 5 p.
306. Dr. Yavuz Aykent. Report from Committee on Judiciary to accompany S. 1798. July 10, 1969. 5 p.
307. Dr. Yilmaz Bilsel. Report from Committee on Judiciary to accompany S. 1527. July 10, 1969. 4 p.
308. Dr. Zeliha Bilsel. Report from Committee on Judiciary to accompany S. 1526. July 10, 1969. 4 p.
309. Rueben Rosen. Report from Committee on Judiciary to accompany H.R. 2890. July 10, 1969. 5 p. 13958

13959

13960

310. Francesca Adriana Milionzi. Report from Committee on Judiciary to accompany H.R. 2536. July 10, 1969. 5 p.
311. Franklin Jacinto Antonio. Report from Committee on Judiciary to accompany H.R. 2224. July 10, 1969.
312. Pfc. Joseph Anthony Snitko. Report from Committee on Judiciary to accompany H.R. 2224. 13961

13962

312. Pfc. Joseph Authony Snitko. Report from Committee on Judiciary to accompany H.R. 1948. July 10, 1969. 3 p.
313. Aleksander Zambelli. Report from Committee on Judiciary to accompany H.R. 3166. July 10, 1969. 3 p. 13963

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H.R. 3166. July 10, 1969. 3 p.

314. Ryszard Stanislaw Obacz. Report from Committee on Judiciary to accompany H.R. 3167. July 10, 1969. 3 p.

315. Yolanda Fulgencio Hunter. Report from Committee on Judiciary to accompany H.R. 3172. July 10, 1969. 5 p.

316. Maria da Conceicao Evvaristo. Report from Committee on Judiciary to accompany H.R. 3376. July 10, 1969. 6 p.

317. Lance Cpl. Peter M. Nee (2465662). Report from Committee on Judiciary to accompany H.R. 10060. July 10, 1969. 2 p.

318. Nickolas George Polizos. Report from Committee on Judiciary to accompany S. 1110. July 10, 1969. 6 p.

322. Mr. and Mrs. Wong Yul. Report from Committee on Judiciary to accompany S. 92. July 18, 1969. 5 p.

323. Sfc. Patrick Marratto. Report from Committee on Judiciary to accompany H.R. 3379. July 18, 1969. 5 p.

324. Mr. and Mrs. A. F. Elgin. Report from Committee on Judiciary to accompany H.R. 6585. July 18, 1969. 8 p. 13971

Senate reports on private bills-Continued

341. Quitclaim of sand and gravel-Emogene Tilmon, Logan County, Ark. Report from Committee on Agriculture and Forestry to accompany S. 65. Aug. 6, 1969. 2 p.

1969. 2 p.
342. Quitclaim of sand and gravel-Enoch A. Lowder, Logan County, Ark. Report from Committee on Agriculture and Forestry to accompany S. 80. Aug. 6, 1969. 2 p.
343. Quitclaim of sand and gravel-Wayne and Emogene Tilmon, Logan County, Ark. Report from Committee on Agriculture to accompany S. 82. Aug. 6, 1969. 2 p.
344. Only and gravel L. P. and Sule Smith Mergring. Ark. Report

Ark. Report from Committee on Agriculture to accompany S. 82. Aug. 6, 1969. 2 p.

345. Quitelaim of sand and gravel—J. B. and Sula Smith, Magazine, Ark. Report from Committee on Agriculture to accompany S. 81. Aug. 6, 1969. 2 p.

352. Capt. John W. Booth III. Report from Committee on Judiciary to accompany H. R. 1808. Aug. 7, 1969. 4 p.

353. Michel M. Goutmann. Report from Committee on Judiciary to accompany H. R. 1408. Aug. 7, 1969. 4 p.

354. Mrs. Vita Cusumano. Report from Committee on Judiciary to accompany H. R. 1462. Aug. 7, 1969. 6 p.

355. Bernard L. Coulter. Report from Committee on Judiciary to accompany H. R. 4538. Aug. 7, 1969. 3 p.

356. Miss Jailleh Farah Salameh El Ahwal. Report from Committee on Judiciary to accompany H. R. 1707. Aug. 7, 1969. 6 p.

357. Miss Marle Mosio. Report from Committee on Judiciary to accompany H. R. 1507. Aug. 7, 1969. 6 p.

358. Robert W. Barrie and Marguerite J. Barrie. Report from Committee on Judiciary to accompany H. R. 6581. Aug. 7, 1969. 4 p.

360. Anthony Smilko. Report from Committee on Judiciary to accompany H. R. 6581. Aug. 7, 1969. 5 p.

361. Clifford L. Petty. Report from Committee on Judiciary to accompany H. R. 9088. Aug. 7, 1969. 5 p.

362. Solomon S. Levndi. Report from Committee on Judiciary to accompany H. R. 3213. Aug. 7, 1969. 6 p.

364. Charle de Aug. 7, 1969. 8 p.

365. Levad L. Ward. ir. Report from Committee on Judiciary to accompany H. R. 3213. Aug. 7, 1969. 9 p.

366. C. Michello Report from Committee on Judiciary to accompany S. Res. 97. Aug. 8, 1969. 9 p.

367. Lord L. Ward. ir. Report from Committee on Judiciary to accompany S. Res. 97. Aug. 8, 1969. 9 p.

368. Lease of District property to Jewish Historical Society of Greater Washington. Report from Committee on District of Columbia to accompany H. R. 12677. Aug. 13, 1969. 4 p.

369. Senate Document Room, H. R. 12677. Aug. 13, 1969. 4 p.

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

Capitol. • Item 1008-A
347. Amending act fixing boundary of Everglades National Park. Fla., and authorizing acquisition of land therein, in order to authorize additional amount for acquisition of certain lands for such park. Report from Interior and Insular Affairs to accompany S. 2564. Aug. 7, 1969. 4 p.
348. Walving acreage limitation of Public purposes land act for Valley of Fire State Park in Nevada. Report from Committee on Interior and Insular Affairs to accompany S. 1108. Aug. 7, 1969. 4 p.
363. Amending act of June 13, 1962. with respect to Navajo Indian irrigation project. Report from Committee on Interior and Insular Affairs to accompany S. 203. Aug. 7, 1969. 8 p.
369. To amend Small business investment act of 1958. Report from Committee on Banking and Currency to accompany S. 2540. Aug. 11, 1969. 3 p.
370. Small Business Administration legislation for 1969. Report from Committee on Banking and Currency to accompany S. 2815. Aug. 11, 1969. 4 p.
371. Modification of operation of Kortes unit, Missouri River Basin project. Wyo. Report from Committee on Interior and Insular Affairs to accompany S. 40. Aug. 11, 1969. 4 p.

Aug. 11, 1969. 4 p.

372. Amending act entitled act to authorize sale and exchange of isolated tracts of tribal land on Rosebud Sioux Indian Reservation, S. Dak. Report from Committee on Interior and Insular Affairs to accompany S. 73. Aug. 11, 1969. 4 p

Committee on Interior and Insular Analys to accompany S. 73. Aug. 11, 1969, 4 p.

373. Extension of temporary duty suspension on certain istle, temporary extension of interest equalization tax. Report from Committee on Finance to accompany H. R. 10107. Aug. 11, 1969, 4 p.

374. Placing in trust status certain lands on Standing Rock Sioux Indian Reservation in North and South Dakota. Report from Committee on Interior and Insular Affairs to accompany S. 74. Aug. 11, 1969, 4 p.

375. Conveying District property to Washington International School. Inc. Report from Committee on District of Columbia to accompany H. R. 12720. Aug. 11, 1969, 3 p.

376. Amending act of Aug. 9, 1955, to authorize longer term leases of Indian lands located outside boundaries of Indian reservations in New Mexico Report from Committee on Interior and Insular Affairs to accompany S. 1609, Aug. 12, 1969, 5 p.

378. Amending Indian long-term leasing act. Report from Committee on Interior and Insular Affairs to accompany S. 204, Aug. 12, 1969, 8 p.

379. Declaring that certain federally owned lands are held by United States in trust for Indians of Pueblo of Laguna, Report from Committee on Interior and Insular Affairs to accompany S. 210, Aug. 12, 1969, 7 p.

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- 380. Providing for disposition of judgement recovered by Confederated Salish and Kootanai tribes of Flathead Reservation, Mont., in par. 11, docket 50233, Court of Claims, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany S. 1766. Aug. 12, 1969. 3 p.
 381. Compensating Indians of California for value of land erroneously used as offset in judgment against United States obtained by said Indians. Report from Committee on Interior and Insular Affairs to accompany H.R. 671. Aug. 12, 1969. 4 p. 14003
- 14004 Aug. 12, 1969. 4 p.
- 14005
- Aug. 12, 1969, 4 p.
 382. Declaring that certain federally owned land is held by United States in trust for Cheyenne River Sioux Tribe to Cheyenne River Indian Reservation. Report from Committee on Interior and Insular Affairs to accompany S, 921. [1969,] 5 p.
 383. Declaring that United States shall hold certain land in trust for Three Affiliated Tribes of Fort Berthold Reservation, N. Dak. Report from Committee on Interior and Insular Affairs to accompany S. 775. Aug. 12, 120. 5 p. 14006
- 1969. 5 p.
 384. Providing for construction and improvement of certain road on Navajo Indian Reservation, Report from Committee on Interior and Insular Affairs to accompany S. 404. Aug. 12, 1969. 8 p. 14007
- 14008
- 14009
- to accompany S. 404. Aug. 12, 1969. 8 p.
 385. Etsablishing Buffalo National River. Report from Committee on Interior and Insular Affairs to accompany S. 855. Aug. 13, 1969. 6 p.
 386. Granting States reciprocal right to sue in District of Columbia courts to recover delinquent State taxes. Report from Committee on District of Columbia to accompany S. 2502. Aug. 13, 1969. 3 p.
 387. Amending survivor annuity provisions of District of Columbia judges retirement act of 1964. Report from Committee on District of Columbia to accompany S. 2056. Aug. 13, 1969. 8 p. 14010

Aeronautical and Space Sciences Committee, Senate Washington, DC 20510

14011 Future NASA space programs, hearing, 91st Congress, 1st session, Aug. 5, 1969, 1969, iv+70 p.il. † ● Item 1032-A Y 4.Ae 8: N 21 a/4 L.C. card 70-603614

Aging, Special Committee on, Senate Washington, DC 20510

- 14012 Health aspects of economics of aging, working paper in conjunction with overall study of Economics of aging, toward full share in abundance. July 1969; prepared by advisory committee. Revised [edition], 1969. vi+43 p. il. (Committee print, 91st Congress, 1st session.) * Paper, 25c. L.C. card 79-603524 Y 4.Ag 4: H 34/10
- 14013 Social security for the aged, international perspectives, working paper prepared [by George F. Rohrlich, professor of political economy and soical insurance, Temple University School of Business Administration], for hearing, on International perspectives on economics of aging, Aug. 25, 1969; Aug. 1969. 1969. vii+14 p. (Committee print, 91st Congress, 1st session.) * Paper, 15c. Y 4.Ag 4: So 1 L.C. card 78-603521

Agriculture and Forestry Committee, Senate Washington, DC 20510

14014 FHA insured operating loans, hearings before Subcommittee on Agricultural Credit and Rural Electrification, 91st Congress, 1st session. on S. 815, July 29, 1969. 1969. iii+27 p. † • Item 1032 L.C. card 79-603228 Y 4.Ag 8/2: L 78/9

Appropriations Committee, Senate Washington, DC 20510

14015 Department of Interior and related agencies appropriations for fiscal year 1970, hearings before subcommittee, 91st Congress, 1st session, on H.R. 12781. † • Item 1033 Y 4.Ap 6/2: In 8/970/pt. (nos.) L.C. card 75-603602

pt. 1. [Mar. 11-21, 1969], 1969, ii+1862+clxv p. il. pt. 2. [Mar. 24-July 9, 1969,] 1969, ii+1863-3504+clxv p. il.

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Armed Services Committee, Senate Washington, DC 20510

14016 Nominations of Air Force Reserve general officers, hearing before Subcommittee on Reserve General Officer Promotions, 91st Congress, 1st session, on nominations for appointment in Air Force Reserve in grade of major and brigadier generals; Aug. 1, 1969. 1969. il+13 p 1034

L.C. card 75-603357

Y 4.Ar 5/3: Ai 7/7/969

Banking and Currency Committee, Senate Washington, DC

14017 Housing and urban development legislation of 1969, hearings before Subcommittee on Housing and Urban Affairs, 91st Congress, 1st session, on bills relating to housing and urban development, July 15-25, 1969. 1969. xi+596 p. il. † ● Item 1035 Y 4.B 22/3: H 81/55/969 L.C. card 78-603355

14018 Nominations of Thomas Hal Clarke and Carter L. Burgess, hearing, 91st Congress, 1st session on nominations of Thomas Hal Clarke to be member of Federal Home Loan Bank Board, and Carter L. Burgess to be incorporator of corporation authorized by sec. 902(a) of Housing and urban development act of 1968, July 28, 1969. 1969. iii+9 p. † • Item 1035 L.C. card 74-603232

lating to small business, July 8-11, 1969. 1969. v+229 p. il. 1035

L.C. card 70-603396

Y 4.B 22/3: C 54/2 14019 Small business legislation of 1969, hearings before Subcommittee on Small

Y 4.B 22/3: Sm 1/20/969

Commerce Committee, Senate Washington, DC 20510

Business, 91st Congress, 1st session, on several bills and a resolution re-

[Committee hearings] serial, 91st Congress. † • Item 1041 Y 4.073/2:91-(nos.)

14020

14021

District of Columbia Committee, Senate Washington, DC 20510

14022 Crime in National Capital, hearings, 91st Congress, 1st session. pt. 2A. Drug abuse in Washington area, June 17, 1969. 1969. iii+387-466 p. ii.

* Paper, 40c. • Item 1036
L.C. card 76-601292

Y 4.D 63/2: C 86/4/969/pt.2 A

14023 Crime in National Capital, hearings before Committee on District of Columbia and Subcommittee on Improvements in Judicial Machinery of Committee on Judiciary, Senate, 91st Congress, 1st session, on S. 1066 [and other bills].

pt. 3. Reorganization of District of Columbia courts, May 19-Aug. 7, 1969. 1969. vi+467-1323+A-711 to A-742 p. Paper, \$3.75. Item 1036 L.C. card 76-601292 Y 4.D 63/2: C 86/4/969/pt.3

Finance Committee, Senate Washington, DC 20510

14024 Antidumping, report of President of United States on antidumping (for period July 1, 1968-June 30, 1969), pursuant to Public Law 90-634, sec. 201(b); Aug. 13, 1969. 1969. v+106 p. (Committee print, 91st Congress, 1st session.) * Paper, 45c. L.C. card 74-603520

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

- 14025 Interest equalization tax extension act of 1969, hearing, 91st Congress, 1st session, on H.R. 12829, Sept. 3, 1969. 1969. iii+117 p. ↑ Item 1038 L.C. card 70-603641 Y 4.F 49: In 8/2/969
- 14026 Staff data relating to medicaid-medicare study, prepared by staff of Committee on Finance; July 1, 1969. 1969. iii+39 p. il. (Committee print, 91st Congress, 1st session.) [This document has not been reviewed by the Committee. It is published only for information.] \$\frac{1}{2}\$ L.C. card 76-602841 Y 4.F 49: M 46/5
 - Tax reform act of 1969, H.R. 13270. 1969. (Committee print, 91st Congress, 1st session.)
- pt. A. Testimony to be received Tuesday, Sept. 16, 1969; pt. B, additional statements (Topics: Capital gains; restricted stock; lump-sum distributions under pension and profit-sharing plans). iii+342 p. ii. * Paper, \$1.25.
- L.C. card 74-603685

 Pt. A. Testimony to be received Thursday, Sept. 18, 1969; pt. B, additional statements (Topics: Charitable contributions; stock dividends; moving expenses). iii+366 p. ii. * Paper, \$1.50.

 L.C. card 78-603686

 Y4.F.49:T19/26/Sept.10
- L.C. card 78-603686 Y 4.F 49: T 19/26/Sept.18
 14029 Statement of David M. Kennedy, Secretary of Treasury, Sept. 4, 1969.
 111+93 p. * Paper, 40c.
 L.C. card 70-603684 Y 4.F 49: T 19/26/Sept.4
- 14030 Testimony to be received Monday, Sept. 8, 1969 (Topics: General; single persons); Sept. 8, 1969. iii+237 p. ‡
 L.C. card 77-603683 Y 4.F 49: T 19/26/Sept.8

Foreign Relations Committee, Senate Washington, DC 20510

- 14031 Strategic and foreign policy implications of ABM systems, anti-submarine warfare, multiple independently targeted reentry vehicles (MIRV), hearings before Subcommittee on International Organization and Disarmament Affairs, 91st Congress, 1st session.

Government Operations Committee, Senate Washington, DC 20510

- 14032 Donable surplus property program, hearings before Ad Hoc Subcommittee on Federal Surplus Property, 91st Congress, 1st session, July 9 and 10. 1960, 1969, iv+162 p. il. † Item 1037
 L.C. card 70-603361 Y 4.G 74/6: Su 7/7/969
- 14033 Establish Commission on Government Procurement, hearing, 91st Congress, 1st session; July 31, 1969. 1969. iv+411 p. † Item 1037 L.C. card 70-603353 Y 4.G 74/6: G 74
- 14034 Establish Department of Consumer Affairs, hearings before Subcommittee on Executive Reorganization, 91st Congress, 1st session, on S. 860 and S. 2045, Mar. 17-July 16, 1969. 1969. v+826 p. il. map. † Item 1037 L.C. card 74-603642 Y 4.G 74/6: C 76/969
- 14035 Inventory of congressional concern with research and development, 90th Congress, 2d session, pt. 4, bibliography, prepared for Subcommittee on Government Research [by Science Policy Research Division of Legislative Reference Service, Library of Congress]; July 31, 1969, 1969, ix+205-249 p. il. (Committee priint, 91st Congress, 1st session.) \$\dagger\$ L.C. card 67-60332 Y 4.G 74/6: R 31/2/pt.4
- 14036 Riots, civil and criminal disorders, hearings before Permanent Subcommittee on Investigations, 91st Congress, 1st session, pursuant to S. Res. 26, 91st Congress. Item 1037

 L.C. card 68-60271

 pt. 19. June 18-25, 1969, 1969, ix+3721-4173 p. il. 3 pl. * Paper, \$2.50. pt. 20. June 26 and 30, 1969, 1909, viii+4175-4498 p. il. 3 pl. * Paper, \$1.75.

 ◆For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
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- 14037 Staff study of campus riots and disorders, Oct. 1967-May 1969; [prepared by Daniel Harris and Joseph Honcharik of General Accounting Office for] Permanent Subcommittee on Investigations, June 1969. 1969. iii+52 p. (Committee print, 91st Congress, 1st session.) L.C. card 76-602490 Y 4.G 74/6: R 47/3
- 14038 Utility consumers' council act of 1969, hearings before Subcommittee on Intergovernmental Relations, 91st Congress, 1st session, on S. 607. • Item 1037 Y 4.G 74/6: Ut 3/2/pt.-(nos.) L.C. card 78-60087 Y 4.G 74/6: Ut 3/2/pt pt. 6A. June 26-July 9, 1969. 1969. xvi+1389-1664 p. * Paper, \$1.25. pt. 6B. June 26-July 9, 1969. iv+1665-1802 p. il. * Paper, 55c.

Interior and Insular Affairs Committee, Senate Washington, DC 20510

- 14039 Acreage limitation amendments, hearing before Subcommittee on Water and Power Resources, 91st Congress, 1st session, on S. 2062 and S. 2072, July 18, 1969. 1969. iii+20 p. † • Item 1040 Y 4.In 8/13: Ac 7/5 L.C. card 70-603617
- 14040 Annual meeting with directors of National Reclamation Association, memorandum of chairman to members of Committee on Interior and Insular Affairs; Feb. 26, 1969. 1969. v+36 p. il. (Committee print, 91st Congress, 1st session.) L.C. card 72-603308 Y 4.In 8/13: N 21r/2
- 14041 Buffalo National River, Ark., hearing before Subcommittee on Parks and Recreation, 91st Congress, 1st session, on S. 855, May 27, 1969. 1969. vii+192 p. map. † Item 1040 Y 4.In 8/13: B 86 L.C. card 71-603226
- 14042 Interior nomination, hearing, 91st Congress, 1st session, on nomination of Edward E. Johnston, of Hawaii, to be High Commissioner of Trust Territory of Pacific Islands, Apr. 30, 1969. 1969. ii+8 p. † • Item 1040 Y 4.In 8/13: N 72/969-7 L.C. card 76-602230
- 14043 Interior nomination, hearing, 91st Congress, 1st session, on nomination of Louis R. Bruce of New York, to be Commissioner of Indian Affairs, Aug. 11, 1969. 1969. ii+14 p. † Item 1040 L.C. card 77-603395 Y 4.In 8/13: N 72/969-8
- 14044 Interior nominations, hearings, 91st Congress, 1st session, on nomination of Carlos Garcia Camacho, of Guam, to be Governor of Guam, and nomination of Melvin H. Evans, of Virgin Islands, to be Governor of Virgin Islands, June 17, 1969. 1969. ii+18 p. † • Item 1040 L.C. card 71-603356 Y 4.In 8/13: N 72/969-6
- 14045 Navajo Indian irrigation project, hearing before Subcommittee on Water and Power Resources, 91st Congress, 1st session, on S. 203, July 15, 1969. 1969. iii +34 p. † ● Item 1040 L.C. card 78-603371 Y 4.In 8/13: N 22/7
- 14046 Oversight of oil development activities in Alaska, hearing before Special Subcommittee on Legislative Oversight, 91st Congress, 1st session, on Department of Interior's manpower and funding requirements and capability to oversee oil resource development activities on public lands in Alaska, Aug. 12, 1969. 1969. iii+32 p. † • Item 1040 L.C. card 78-603600 Y 4.In 8/13: Al 1/22

Judiciary Committee, Senate Washington, DC 20510

- 14047 Crime in National Capital, hearings, pt. 3. See District of Columbia Committee, Senate.
- 14048 Electing the President, hearings before Subcommittee on Constitutional Amendments, 91st Congress, 1st session, on S.J. Res. 1 [and other bills]. Jan. 23-May 2, 1969. 1969. viii+1053 p. † • Item 1042 L.C. card 73-603394 Y 4.J 89/2: P 92/11/969

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- 14049 Extent of subversion in campus disorders, hearings before Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, 91st Congress, 1st session.
 - pt. 1. Testimony of Ernesto E. Blanco, June 19, 1969, 1969, iii + 88 p. ii. Paper, 40c. 1tem 1042 L.C. card 79-603540 Y 4 J 89/2: C 15/pt.1 Y 4.J S9/2: C 15/pt.1
- 14050 Measures relating to organized crime, hearings before Subcommittee on Criminal Laws and Procedures, 91st Congress, 1st session, on S. 30 [and other bills]. Mar. 18-June 4, 1969. 1969. viii+558 p. il. † ● Item 1042 Y 4.J 89/2: C 86/10
- 14051 Proposed academic freedom protective act of 1969, hearing before Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, 91st Congress, 1st session, on S. 1988, Aug. 5, 1969. 1969. iii+105+iv p. ↑ ● Item 1042 L.C. card 73-603615 Y 4.J 89/2: Ac 1

Labor and Public Welfare Committee, Senate Washington, DC 20510

- 14052 Allocations of Federal funds under 3 student assistance programs, college work-study program, national defense student loan program, and educawork-study program, national decease student leaf program for fiscal years 1969 and 1970; July 1969, 1969, v+209 p. (Committee print, 91st Congress, 1st session.) ‡ 1.C. card 76-602996
- 14053 Coal mine health and safety, hearings before Subcommittee on Labor, 91st Congress, 1st session, on S. 355 [and other] bills. pt. 4. Feb. 27-May 2, 1969, 1969, iii p. 12 p. of pl. [Plates are colored.]

1043 L.C. card 70-601935 Y 4.L 11/2: C 63/2/pt.4

- 14054 Communicable disease control, hearing before Subcommittee on Health, 91st Congress, 1st session, on S. 2264 [and] S. 1622, June 30, 1969. 1969. iv+137 p. il. † • Item 1043 L.C. card 77-603616
- Y 4.L 11/2: C 73/3 14055 Enactments by 90th Congress concerning education and training, 2d session 1968 (with related presidential recommendations, legislative histories of bills, and digests of enactments); prepared [by Charles A. Quattlebaum], Legislative Reference Service, Library of Congress. June 1969. xiv+422 p. (Committee print, 91st Congress, 1st session.) L.C. card 76-602998 Y 4.L 11/2: Ed 8/18/968
- 14056 Medical care facilities construction and modernization, hearings before Subcommittee on Health, 91st Congress, 1st session, on S. 2182 [and] H.R. 11102, June 12-19, 1969. 1969. vi+381 p. il. † • Item 1043 L.C. card 77-603230 Y 4.L 11/2: M 46/12
- 14057 Medical library amendments of 1969, hearing before Subcommittee on Health, 91st Congress, 1st session, on S. 2549, S. 2239, and H.R. 11702, July 31, 1969, 1969, iv+237 p. il.† Item 1043 L.C. card 71-603601 Y 4.L 11/2: M 46/13

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

Note.—The Select Committee on Nutrition and Human Needs was established as a select committee of the Senate by S. Res. 281 of the 90th Congress, 2d session, which was considered, amended, and agreed to July 30, 1968.

- 14058 Nutrition and human needs, hearings, 90th Congress, 2d session, and 91st Congress, 1st session. • Item 1009
 - L.C. card 76-600776 Y 4.N 95: N 95/pt. (nos.)
 - pt. 9. California, May 8 and 9, 1969, 1969, vi+2719-3155 p. [Hearings held in pt. 10. SCLC and East St. Louis, May 14 and June 27, 1969, [1969.] iv+3157-3403 p. [Hearings held in Washington, D.C. and East St. Louis, Ill.] pt. 11. Child nutrition and school food assistance, July 9-11, 1969, 1969, v+3405-3754 p. il. * Paper, \$1.50.

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

14059 Census nomination, hearing, 91st Congress, 1st session, on nomination of George Hay Brown to be Director, Bureau of Census, Aug. 7, 1969. 1969. iii+14 p. † ● Item 1044
L.C. card 73-603351 Y 4.P 84/11: C 33/969

Public Works Committee, Senate Washington, DC 20510

[Committee publication] serial, 91st Congress.

14060

16. Oversight hearings on highway safety program, hearings before Subcommittee on Roads, 91st Congress, 1st session, on review of programs implementing requirements of Highway safety act of 1966 and S. 2399, June 24-July 1, 1969. 1969. 1v+252 p. ii. ↑ ■ Item 1045

L.C. card 77-603407

14061 Toward a national materials policy, report on proposed Commission on National Materials Policy; prepared by ad hoc committee originated by Legislative Reference Service, Library of Congress, at request of J. Caleb Boggs, Apr. 1969. 1969. vii+86 p. 1 pl. (Committee print, 91st Congress, 1st session.) ‡

L.C. card 72-602997 Y 4.P 96/10: M 41/3

Small Rusiness, Select Committee on, Senate Washington, DC 20510

14062 Impact of crime on small business, 1969, hearings, 91st Congress, 1st session.

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

1970 acreage-marketing guides AMG (series).

14063 69. Winter vegetables and potatoes, Aug. 1969. 36 p. il. 4° † • Item 18-D L.C. card 76-603317 A 88.26/4:69

14064 Cotton quality, crop of 1968. Aug. 1969. cover title, [1]+4-62 p. il. 4° ([United States cotton quality report for ginnings] v. 42, no. 7; Cotton Division.) [Text on p. 2 of cover.] † Consumer and Marketing Service, Market News Section, Cotton Division, P.O. Box 17723, Memphis, TN 38117

14065 Cotton quality, supply, disappearance, carryover, 1968-69. Sept. 1969. cover title, 12 p. 4° ([United States cotton quality report for ginning] v. 42, no. 8; Cotton Division.) [Text on p. 2 of cover.] † Consumer and Marketing Service, Market News Section, Cotton Division, P.O. Box 17723, Memphis, TN 38117

PMG (series).

14066 6. 1969 broiler marketing gulde, supplement. [Sept. 1969.] 11 p. 4° † • Item A 88.26/5: 6/supp.

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14067 Catalog of copyright entries, 3d series, v. 22. * Paper, \$50.00 a yr. (including semiannual issues for pts. 1-13); \$12.50 additional for foreign mailing. • Item 797

L.C. card 6-635347

LC 3.6/5: v.22/pt.(nos.)

pt. 6. Maps and atlases, no. 2; July-Dec. 1968. 1969. ix+117-195 p. 4°

Note.—Part 6 also sold separately on subscription. * Paper, \$5.00 a yr., \$1.25 additional for foreign mailing; single copy, \$2.50.

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- pt. 7-11A. Works of art, reproductions of works of art, scientific and technical drawings, photographic works, prints and pictorial illustrations, no. 2; July-Dec. 1968. 1969. ix+173-322 p. 4° 14068
 - NOTE.—Parts 7-11A also sold separately on subscriptions. * Paper, \$5.00 a yr., \$1.25 additional for foreign mailing; single copy, \$2.50.

• Item 802-A LC 3.4/2: (nos.) Circulars. †

- 2B. Selected bibliography on copyright. [Aug. 1969.] [2] p. 4° 14. New versions and reprints. [Aug. 1969.] 2 p. 4° 41. Choreographic works. [Oct. 1968.] 2 p. 4° 60. Copyright for books. [Aug. 1969.] 2 p. 14069
- 14070 $14071 \\ 14072$

COURT OF CLAIMS Washington, DC 20006

14073 [U.S. Court of Claims reports]; v. 186, cases decided in United States Court of Claims, Dec. 1, 1968-Feb. 28, 1969, with report of decisions of Supreme Court in Court of Claims cases; reported by Audrey Bernhardt, acting reporter. 1969. xvii+983 p. il. 4° * Cloth, \$5.75. • Item 730 L.C. card 11-11998 Ju 3.9: 186

CUSTOMS BUREAU, Treasury Dept. Washington, DC 20226

- 14074 Can you find it? [1969.] cover title, [12] p. il. 4° [Text on p. 2-4 of cover.1 Ť • Item 950 T17.2: F49
- 14075 Customs hints for returning U.S. residents, know before you go. [1969.] [2]+24+[2] p. il. narrow 8° ([Office of Information and Publications.]) [Some illustration are colored.] * Paper, \$25.00 per 100; single • Item 950 T 17.2: C 96/3/969
- 14076 115th set revised pages to Customs regulations through Aug. 1968. 1968 [published 1969]. [31] p. 4° [Includes amendments made by Treasury decisions 68-160 through 68-200. Issued in loooseleaf form.] * Paper, \$9.00 (including basic book and revised pages for an indefinite period); \$3.00 additional for foreign mailing. • Item 948-A

T 17.9: 966/rev.pages 115

14077 118th set revised pages to Customs regulations through Feb. 1969. [1969.] [34] p. 4° [Includes amendments made by Treasury decisions 69-1 through 69-55. Issued in looseleaf form.] * Paper, \$9.00 (including basic book and revised pages for an indefinite period); \$3.00 additional for foreign mailing. • Item 948-A T 17.9: 966/rev.pages 118

DEFENSE DEPARTMENT Washington, DC 20301

- 14078 Annual historical summary: Defense Documentation Center [Cameron Station, Alexandria, Va.], July 1, 1966-June 30, 1967. Oct. 1, 1967. Cover title [52] p. il. 4° (RCS: DD-DSA(A) 216(L); Defense Supply Agency ‡ L.C. card 72-601626 D 7.1/10: 966-67
- 14079 _ - Defense Documentation Center [Cameron Station, Alexandria, Va.], July 1, 1967-June 30, 1968. [1969.] cover title, iv+[1]+17+[2] p. il. 4° (RCS DD-DSA (A) 216 (L); Defense Supply Agency.) L.C. card 72-601626 D 7.1/10: 967-68
- 14080 21st annual report to Congress on National Industrial Reserve under public law 883, 80th Congress. Apr. 1, 1969. cover title, [4] leaves+40 p. il. 40 L.C. card 50-60617 D 7.21:969

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14081 Armed services vocational aptitude battery, high school counselors manual [with list of publications]. [Apr. 1968.] cover title, iv+44 p. il. ([Office of Assistant Secretary of Defense, Manpower and Reserve Affairs.]) [Pages ii and iv are blank, but no text is missing.]

D 1.6/2: Ar 5

- Defense Supply Agency Manual DSAM (series). Item 314-A D 7.6/8:(nos.)
- 4130.2. 14082 Federal item identification guides (FHG) improvement program procedures manual, Change 1. July 14, 1969. [4] p. 4° ([Army Dept.] AR 708-9, CH 1: [Navy Dept.] NAVSUP PUB 5001, CH 1: [Air Force Dept.] AFM 72-3, CH 1; [Marine Corps] MCO P4410.6B, CH 1.) [Issued in looseleaf form.] * Paper, 10c.
- 4145.2, v. 1. 14083 Preservation, packaging, and packing of military supplies and equipment, Jan. 24, 1968, Change 1. Aug. 18, 1969. [56] p. il. 4° (Army Dept. technical manual 38-230-1; Navy Dept. publication NAVAIR 15-01-1; Air Force Dept. pamphlet AFP 71-4, v. 1; Marine Corps manual MCO P4030.31) [Issued in looseleaf form.] ‡
- 14084 7000.1. Accounting and finance manual, Change 23. Aug. 12, 1969.] [274] p. 4° [Issued in looseleaf form.] ‡
- 14085 Federal item identification guide: Capacitors fixed, Sept. 6, 1968, Change 1. Aug. 29, 1969. [25] p. il. 4° (FIIG A010; Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 25c. D 7.6/4: C 17/ch.1 • Item 314-A
- Junction boxes, Dec. 20, 1968, Change 2. July 11, 1969. [4] p. 4° (FIIG A061; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 10c. • Item D 7.6/4: J 95/ch.2 314-A
- Keys and pins, July 7, 1967, Change 2. Aug. 1, 1969. [13] p. 4° (FIIG 14087 -A212; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form..] * Paper, 10c. • Item 314-A D 7.6/4: K 52/ch.2
- Lens, lighting, Dec. 20, 1968, Change 2. July 11, 1969. [4] p. 4° (FIIG A075; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.] * Paper, 10c. • Item 314-A D 7.6/4: L 54/ch.2
- Lift trucks, fork, platform, and pallet. Aug. 1, 1969. cover title, [69] p. il. 4° (FIIG A085; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, D 7.6/4: L 62/2 • Item 314-A
- Medicaments. Aug. 1, 1969. cover title, [84] p. 4° (FIIG T002; Defense 14090 _ Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, \$1.00. • Item 314-A D 7.6/4: M 46
- Nuts, Aug. 30, 1968, Change 1. July 18, 1969. [24] p. il. 4° (FIIG A021: 14091 _ Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 20c. • Item 314-A D 7.6/4: N 95/ch.1
- Ranges, electric, gas, and oil burning, Nov. 29, 1968, Change 2. July 11, 14092 -1969. [4] p. 4° (FIIG A050; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.] * Paper, 10c. • Item 314-A D 7.6/4: R 16/ch.2
- -Threaded fasteners, May 1, 1967, Change 3. July 18, 1969. [18] p. 4° (FIIG A003; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 20c. • Item D 7.6/4: F 26/ch.3 314-A

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- 14094 Federal supply classification listing of DoD standardization documents; July 1, 1969. [1969.] viii+531 p. 4° [Issued in looseleaf form. Supersedes index date May 1, 1968 and supplement dated May 1, 1969.] * Paper, \$12.00 (including basic book and supplementary material for an indefinite period); \$2.50 additional for foreign mailing. • Item 314-G L.C. card 67-1774 D 7.14/2: 969
- 14095 How new food products from industry are authorized for use by U.S. Armed Forces. [1969.] [1]+12 p. il. narrow 8° (Office of Assistant Secretary of Defense, Dept. of Defense Food Planning Board, Armed Forces Product Evaluation Committee, Chicago, Ill.) D 1.2: F 73
- 14096 Index of specifications and standards; July 1, 1969. [1969.] [Issued in looseleaf form. Supersedes Index dated July 1, 1968 and Supplement dated May 1, 1969. * Paper, \$22.00 (including basic issues pts. 1 and 2, with cumulative bimonthly supplements for each part for an indefinite period); \$5.00 additional for foreign mailing. • Item 314-G L.C. card 67-1775 D 7.14: 969/pt.1,2

pt. 1. Alphabetical listing, viii+473 p. 4° pt. 2. Numerical listing, ix+543+51 p. 4°

- 14097 Index of specifications and standards; July 1, 1969; pt. 2, Numerical listing, appendix (canceled documents). 1969. iv+203 p. 4° * Paper, \$2.50. • Item 314-G L.C. eard 67-1775 D 7.14: 969/pt.2/app.
- 14098 Military assistance facts. May 1969. cover title, [1]+22 p. il. oblong 12° ([Office of Assistant Secretary of Defense, International Security Affairs.]) [Text on p. 2 of cover.] ‡ D 1.2: M 59/5/969
 - Military standard MIL STD (series). [Issued with perforations.] ‡ • Item 314-J D 7.10:(nos.)
- Definitions of item levels, item exchangeability, models and related terms, July 7, 1969, [1]+ii+5 p. 4° ([MISC-0361.]) [Supersedes MIL-STD-280, Apr. 4, 1956 and MIL-STD-243A, Aug. 31, 14099 280A. 1964.]
- 14100 286B. Propellants. opellants, solid, sampling, examination and testing, Notice 1. July 15, 1969. [128] p. il. 4° (FSC 1376.) 14101 701G. Lists of standard semiconductor devices, notics 3. May 28, 1969, [29]
- p. 4° (FSC 5961.) Testing standard for personnel parachutes. June 26, 1969, [60] p. 4° [Supersedes MIL-P-6031, Mar. 22, 1950, and USAF bulletin 505, June 18, 1959.] 14102 858.
- Ground support equipment functional classification categories. July 3, 1969. iii+35+[1] p. 4° (FSC MISC.) [Supersedes Air Force Specification bulletin 507, July 19, 1962.] 14103 864.
- 14104 1221. Protective compounds (for personnel). June 16, 1969. vi+25 p. 4° (FSC 6850.)
- Inorganic salts and compounds, analyzed reagent and reagent grade. June 5, 1969. xviii+89 p. 4° (FSC 6810.) [Issued with per-14105 1222. forations.]
- 14106 1331. Parameters to be controlled for specification of microcircults. Jan. 10, 1969. ili+17 p. il. 4° (FSC 5962.)

 1333. Aircrew station geometry for military aircraft. June 2, 1969 vi+24+[2] p. il. 4° (FSC 1500.)

 1341(SA). Symbols for packages and containers for hazardous industrial chemi-14107
- 14108
- 1341(SA). Symbols for packages and containers for hazardous industrial chemicals and materials. June 20, 1969. v+19 p. il. 4° (FSC PACK.)

 1345(EC). Data, measurement, in support of maintenance, calibration and repair of electronic equipment. June 6, 1969. iv+22 p. il. 4° (FSC MISC.; Naval Electronic Systems Command, Navy.)

 1430. Spectacles, industrial. Feb. 20, 1969. v+8 p. il. 4° (FSC 4240.)

 1480A. Color codes for webbing, textile; manufacturers' identification. Dec. 13, 1968. (FSC 8305.) [Supersedes MIL—STD-1480, Mar. 15, 1968.]

 27829 Myrker self luminous aircraft exit syring almounted Revised 14109
- 14110 14111
- 14112 27829. Marker, self luminous, aircraft exit, spring pln mounted. Revised Mar. 6, 1969. 1969. 1 p. il. 4° (Fed. sup. class 9905.) [Issued with perforations.1
- 14113 MILSTRIP, military assistance program address directory, supp. 2 [Sept. 1, 1967]: Change 4A. June 1969. [16] p. 4° (DOD 4140.17-M; [Office of Assistant Secretary of Defense (Installations and Logistics).]) [Issued in looseleaf form.] * Paper, 15c. • Item 314-A

D 7.6/4: M 59/supp.2/rev.-2/ch.4A

- 14114 MILSTRIP, Military assistance program address directory, supp. 2 [Sept. 1, 1967]: Change 4B. June 30, 1969. [5] p. 4° (DOD 4140.17-M; [Office of Assistant Secretary of Defense (Installations and Logistics).]) [Issued in looseleaf form.] * Paper, 10c. ◆ Item 314-A D 7.6/4: M 59/supp.2/rev.-2/ch.4B
- 14115 Real and personal property of Department of Defense, as of June 30, 1968. [1969.] [1]+vi+178 p. il. 4° (Office of Comptroller.) ‡ D 1.2: P 94/8/968 L.C. card 57-60984

DISTRICT OF COLUMBIA Washington, DC 20004

14116 List of legal investments for trust funds in District of Columbia as of July 1, 1969. [1969.] ii+72 p. [Semiannual.] † Office of Register of Wills and Clerk of Probate Court, Washington, D.C. • Item 430-A DC 21.9:969-2 L.C. card 41-7391

ECONOMIC DEVELOPMENT ADMINISTRATION, Commerce Dept. Washington, DC 20230

- 14117 Economic development districts under provisions of Public works and economic development act of 1965. Public Law 89-136, status as of July 1, 1968. [1968.] [1] +18 p. 4° (Office of Development Districts.) O46.2: Ec 7/4/968-2
- 14118 EDA, building communities with jobs. [June 1969.] 8 p. narrow 8° ‡ C 46.2: C 73/3/969
- 14119 Selected Indian reservation program. Apr. 1969. [6] p. narrow 8° C 46.2: In 2/4

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

- OEO pamphlets. † Item 857-H-17 Pr Ex 10.23:(nos.) 4100-7. Me, [from children of Deep South comes a cry for help that cannot be ignored; text by Lea Heine; illustrations by Hattle Mae]. [1969.]
 40 p. il. 4° ([Volunteers in Service to America.]) [Text on p. 2 of 14120
- cover. 14121
- cover.]
 6130-4. If you're not ready for another baby. [July 1969.] [20] p. il. small 4° [Produced for Health Services Office, Community Action Program, by Carolina Population Center, Chapel Hill, N.C.]
 6172-1. Resources for the aging, an action handbook [with bibliography]. 2d edition, updated and revised, 1969. xli+224 p. oblong 12° ([Prepared for Community Action Program, Office of Economic Opportunity, by National Council on Aging, 315 Park Ave. S., New York, NY 10010, under contract OEO-2468, Illustrations on p. 2 of cover.])
 L.C. card 74-603598 14122

ECONOMIC RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

- Agricultural economic report
- 99. 1966 supplement to costs of producing upland cotton in United States, 1964;
 [by I. R. Starbird and B. L. French]. [Sept. 1969.] iv+42 p. il. 4° Paper,
 40c. Item 42-C A 93.28: 99/supp.966 14123
 - ERS (series).
- 421. Preliminary economic analysis of Ozark gateway district. [Aug. 1969.]

 vi +48 p. il. 4° ↑ Item 42-I

 L.C. card 70-603456 A 93.21:421
 - ERS-foreign (series).
- 14125
- 14126 Farm real estate market developments, CD-73. Aug. 1969. 36 p. il. 4° A 93.9/4:73 † • Item 42-A

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

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

- 14127 Administration of Public laws 81-874 & 81-815 [as amended], 18th annual report of Commissioner of Education, June 30, 1968: pt. 1; [prepared by Division of School Assistance in Federally Affected Areas]. [1969.] viii+31 p. il. 4° (OE-22003-68, pt. 1.) [Text on p. 2 of cover.] * Paper, 45c. Item 460-A-22 L.C. card E 52-22 FS 5.222: 22003-68/pt.1
- 14128 pt. 2 [Basic tables]. [1969.] iii+180 p. 4° (OE-22003-68, pt. 2) [Pages numbered 71, 77, and 169 are intentionally left blank.] * Paper, \$1.75. Item 460-A-22 FS 5.222: 22003-68/pt.2
- Associate degrees and other formal awards below baccalaureate, 1967-68 [higher eduaction]; by Mary Evans Hooper. [June 1969.] vi+118 p. 4° (OE-54045-68; National Center for Educational Statistics.) [Includes highlights and list of related NCES publications on p. 2 and 3 of cover.]
 * Paper, \$1.25. Item 460-A-54
 L.C. card 75-602108

 FS 5.254: 54045-68
 - 14130 Can television really teach? [by Edward L. Palmer]. [1969.] [8] p.il. large 4° (OE-34044; [Bureau of Research]. [Reprinted from American education, Aug.-Sept. 1969.] *Paper, 20c. Item 460-A-34 FS 5.234: 34044
 - 14131 Directory of educational information centers. [1969.] x+118 p. 4° (OE-12042.) [Prepared by System Development Corporation in performance of contract OEC-0-8-080346-2800.] * Paper, \$1.25. Item 460-A-12 L.C. card 75-603574
 - 14132 Education problems of handicapped in inner city, remarks by James E. Allen, jr., Assistant Secretary for Education and U.S. Commissioner of Education, before conference on Problems of education of children in inner city, jointly sponsored by President's Committee on Mental Retardation and Office of Education, Warrenton, Va., Aug. 11, 1969. [1969.] 11 leaves, 4° †
 - 14133 Electrical appliance serviceman (D.O.T. occupational code 827.281), suggested guide for training course [with list of textbooks and references]. [1969.] v+14 p. 4° (OE-87039; Bureau of Adult, Vocational, and Library Programs, Manpower Development and Training Program.) * Paper, 30c. Item 460-A-87 FS 5.287: 87039
 - 14134 Electronics mechanic, entry (D.O.T. occupation code 828.281) suggested guide for training course [with list of textbooks and references]. [1969.] iv+14+[1] p. il. 4° (OE-87040; Bureau of Adult, Vocational, and Library Programs, Manpower Development and Training Program.) * Paper, 30c. Item 460-A-87 FS 5.287: 87040
 - 14135 Foreign curriculum consultant program for American schools, colleges, and departments of education, 1970-71. [1969.] cover title, [3]+11 p. oblong 12° ([OE-14143; Institute of International Studies.]) †

 Item 460-A-14
 - 14136 It's Y.O.U.; [by Ellen Ferber]. [1969.] [7] p. il. large 4° (OE-37046.)
 [Reprinted from American Education, Aug.-Sept. 1969. *Paper, 20c.

 Item 460-A-37 FS 5.237; 37046
 - 14137 Let's be practical about reading; by Carl B. Smith. [1969.] [4] p. il. large 4° (OE–30022.) [Reprinted from American education, Aug.—Sept. 1969.] * Paper, 10c. Item 460–A-30 FS 5.230: 30022
- 14138 Library statistics of college and universities: Data for individual institutions, fall 1967; by Bronson Price. [June 1969.] v+346 p. 4° (OE-15203-67; National Center for Educational Statistics.) [Includes list of related NCES publications on p. 3 of cover.] * Paper, \$2.50. Item 460-A-15 L.C. card 75-603026

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

- 14139 Mexican-Americans, handbook for educators [with guide to further reading]; by Jack D. Forbes. [1969.] [3]+34 p. 4° [Prepared by Far West Laboratory for Educational Research and Development.] * Paper, 45c.
 Item 461-A (Rev. 1965)
 L.C. card 68-65232
 FS 5.6/2: M 57
- 14140 New education: Promise and performance, address by James E. Allen, Jr., Assistant Secretary for Education and U.S. Commissioner of Education, before 53rd annual convention of American Federation of Teachers (AFL-CIO), Aug. 20, 1969, New Orleans, La. [1969.] 12 leaves, 4° † FS 5.8: Al 53/6
- 14141 Recreation program leadership, suggested 2-year post high school curriculum [with list of texts and references]. [1969.] viii+87 p. il. 4° (OE-87042.) * Paper, \$1.00. Item 460-A-87 FS 5.287; 87042
- 14142 Research and training opportunities abroad for higher education programs in foreign language and area studies, 1970-71, authorized by Public law 87-256, Mutual educational and cultural exchange act of 1961 (Fulbright-Hays act). sec. 102(b)(6), and Public law 83-480, Agricultural trade development and assistance act of 1954, sec. 104(b)(2) and (3). [1969.] [3]+19 p. oblong 12° ([OE 14134-70]; Institute of International Studies.) [Illustration on cover, Earth against void of space as photographed by crew of Apollo 8.] † Item 460-A-14 FS 5.214: 14134-70
- 14143 Resumes of selected projects for handicapped children funded under P.L. 89-313, amendment to title I, ESEA and title 6-A, ESEA, fiscal year 1968. May 1969. iii+104 p. 4° (Bureau of Education for the Handicapped.) † Item 461 (Rev. 1965)
 L.C. card 70-603676 FS 5.2: H 19/5/968
- 14144 Title 1 ESEA program guides numbers 44 and 45–A. Reprinted Aug. 1969. iv+19 p. 4° (OE-37047.) † ● Item 460-A-37 FS 5.237: 37047
- 14145 U.S. Office of Education, support of computer activities; by Andrew R.

 Molnar [and] Beverly Sherman. Jan. 1969. iii+210 p. (OE-12044.)

 * Paper, \$1.75. Item 460-A-12

 L.C. card 75-603436

 FS 5.212:12044

EMPLOYMENT SECURITY BUREAU, Labor Dept. Washington, DC 20210

14146 Job market for engineers, scientists, technicians; [prepared by Renee L. Gallop]. July 1968. cover title, iv+27 p. il. 4° ([United States Employment Service.]) [Issued semiannually.] ‡ L7.63/2:968/2

ENGINEERS CORPS (Army), Defense Dept.

NOTE.—Order 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.

- 14147 Albeni Falls Dam, Pend Oreille River, northern Idaho. May 1969. 1 sheet (with map on verso.) il. large 4° folded into narrow 8° size. (U.S. Army Engineer District, Seattle.) ‡ D 103.2; Al 1
- 14148 Annual fish passage report, Columbia River projects, Bonneville, The Dalles, John Day, McNary; Snake River project, Ice Harbor, Oreg. and Wash., 1968, prepared by Army Engineer Districts, Portland and Walla Walla. [1969.] cover title, [1]+vi+15+[4] p. il. 79 tabs. 27 pl. 4° ([Reports control symbol NPDPL-79]; North Pacific Division.) † L.C. card 53-63332

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

Coastal Engineering Research Center: Technical memorandum.

- 27. Corrosion and protection of steel piling [with list of literature cited]; by
 Laverne L. Watkins. May 1969. v+52+[53] p. il. 4° [Abstract cards
 attached.] † (Limited distribution), U.S. Army Coastal Engineering Research Center, 5201 Little Falls Road NW, Washington, DC 20016
 D 103.42:27
- 14150 Floods on South Fork of Eel River, Phillipsville to Garberville. June 1969.

 [1]+6+[1] p. il. (with map on verso), narrow 8° (U.S. Army Engineer District, San Francisco.) [Prepared by Humboldt County by Corps of Engineers from data in Flood plain information, South Fork Eel River, Phillipsville to Garberville, Humboldt County, Calif.] ‡
- 14151 Notes on sedimentation activities, calendar year 1967. Aug. 1968. cover title, iv+144 p. 4° [Prepared under auspices of Water Resources Council, Committee on Sedimentation.] ‡
 L.C. card 68-62160 D 103.2: Se 2/967
 - Port series. [Part 1 of Port series is prepared by Division of Ports, Maritime Administration, Commerce Dept., and part 2 by Port Facilities Branch, Board of Engineers for Rivers and Harbors.]
- 14152 15. Port of Jacksonville, Fla., pt. 2. Revised 1969, 1969, v+64 p. il. 3 maps 4°
 * Paper, \$1.75. Item 340
 L.C. card 70-603589 D 103.8:15/2
- 14153 River highway for trade, the Savannah, canoes, Indian tradeboats, flatboats, steamers, packets, and barges, by Ruby A. Rahn; [M. L. Granger, editor]. June 1968. cover title, [3]+52+6+31 p. il. 4° † U.S. Army Engineer District, Savannah, Corps of Engineers, Savannah, Ga.

 L.C. card 79-603437
- 14154 Water resources development by U.S. Army Corps of Engineers in New York. Jan. 1, 1969. cover title, [4]+x+151 p. il. 2 pl. 4° (North Atlantic Division.) [Plates are colored.] ‡

 L.C. card 76-602703 D 103.35: N 42 y

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:(nos.)

- 14155 H-69-9. Theoretics in design of proposed Crescent City Harbor tsunami model [with list of literature cited]; by G. H. Keulegan, J. Harrion, M. J. Mathews. Army-MRC, Vicksburg, Miss., June 1969. [142] p. il. 4° [Sponsored by Army Engineer District, San Francisco.]
- 14156 H-69-10. Mechanics of flow from stratified reservoirs in interest of water quality [with selected bibliography]; by J. P. Bohan, J. L. Grace, jr. Army-MRC, Vicksburg, Miss., July 1969. [100] p. il. 4° [Sponsored by Army Engineer Districts, Savannah and Philadelphia.]

ENGRAVING AND PRINTING BUREAU, Treasury Dept. Washington, DC 20226

 14157 Brief history of Bureau of Engraving and Printing. [Jan. 1968.] S p. il. narrow 8° $\,$ $\,$ $\,$ $\,$ T 18.2 : H 62/2/968

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

Climatography of United States no. 21 (series), Climatic summaries of resort areas. [Environmental Data Service.]

14158 3-1-[2]. White River Lakes, Ark. and Mo.; [by R. O. Reinhold]. Aug. 1969.

[4] p. il. 4° * Paper, 10c. • Item 273-B C 30.71/6: 3-1-2

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

	Climatography mental Data	of United Service.)	States • Item	60-nos., 273-B	Climates	of		(Environ-
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14159

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9. Georgia [with bibliography; by] Horace S. Carter. June 1959, revised and reprinted June 1969. [1969.] 21 p. il. 4° * Paper, 20c.

11. Illinois [with bibliography; by] Lawrence A. Schaal. Aug. 1959, revised and reprinted June 1969. [1969.] 19 p. il. 4° * Paper, 20c.

19. Massachusetts [with bibliography; by] Robert E. Lautzenheiser. Nov. 1959, revised and reprinted June 1969. [1969.] 19 p. il. 4° * Paper, 20c.

23. Missouri [with bibliography; by] J. D. McQuigs. Nov. 1959, revised and reprinted June 1969. [1969.] 19 p. il. 4° * Paper, 20c. 14162

ESSA technical memorandum. (National Environmental Satellite Center.) NESCTM-16. Improvement of clear column radiance determination with supplementary 3.8u window channel; [by] William L. Smith. July 1969, ili+17 p. il. 4° \$\phi\$ Paper, \$3.00. C 52.15/2: NESCTM-16 14163

ESSA technical report. (ESSA Research Laboratories: Earth Sciences Laboratories, Boulder, Colo.)

ERL 123-ESL 6. Induction loop antennas for geomagnetic field variation measurements [with list of references]; by Wallace H. Campbell.

June 1969. iii+63 p. il. 4° *Paper, 65c † Item
208-B-7 C 52.15: ERL 123-ESL 6 14164

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

C 52.15: (letters-nos.) ERL 120-ITS 84. Computer routines for synthesizing ground backscatter from three-dimensional raysets [with list of references; by] Judith J. Stephenson [and] T. M. Georges, July 1969, iii+109 p. ii.

ERL 121-ITS 85. Ground wave propagation in normal and ionized atmosphere [with list of references; by] J. Ralph Johler, July 1969. ERL 124-ITS 87. Numerical maps of fbEs for solar cycle minimum [with list of references; by] M. Leftin, S. M. Ostrow. Aug. 1969. v+54 p. ii. 4° * Paper, 60c.

14166

14167

ESSA technical report. (ESSA Research Laboratories; Pacific Oceanographic Laboratories, Miami, Fla.) • Item 208-B-7

C 52,15: ERL 118-POL (nos.) 14168

ERL 118-POL 3-1. Introduction to hydrodynamics and water waves: v. 1, Fundamentals; [by] Bernard Le Méhauté. July 1969. xxviii+

503+[2] p. il. 4° * Paper, \$3.75.

ERL 118-POL 3-2. Introduction to hydrodynamics and water waves: v. 2. Water waves theories; [by] Bernard Le Méhauté. July 1969. xx+[1]+507-725 p. il. 4° * Paper, \$2.00. 14169

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

ERL 119-SDL 10. Solar proton monitoring system [with list of references; by]
G. W. Adams [and] L. R. Meglll. Aug. 1969. iv+43 p. il.
4° * Paper, 50c. • Item 208-B-7 14170 C 52.15 : ERL 119-SDL 10

ESSA technical report. (National Environmental Satellite Center.)

NESC-44. Processing and display experiments using digitized ATS-1 spin scan camera data [with list of references; by] M. B. Whitney, R. C. Doolittle, and B. Goddard, Apr. 1968. v+60 p. il. 4° \$\phi\$ Paper, \$3.00. C 52.15: NESC-44 14171

14172 Federal plan for upper air observations above 30 kilometers, fiscal years 1969-73; [prepared by Interdepartmental Committee for Applied Meteorological Research of Office of Federal Coordinator for Meteorological Services and Supporting Research]. July 1969. v+72 p. il. 4° [Another illustration on p. 2 of cover.] ‡ C52.2: Up 6

14173 Institutes for Environmental Research scientific and technical publications. fiscal year 1967 [list]. July 1, 1968. viii+65 p. 4° (ESSA Research Laboratories, Scientific Documentation Division, Boulder, Colo.) [Title on cover is: Scientific and technical publications of Institute for Environmental Research.]

C 52.21/4: 967

14174 Management information on ERL's scientific and technical publications. fiscal year 1967; prepared by Scientific Documentation Division, ESSA Research Laboratories, Boulder, Colo. Sept. 1968. [186] p. 4°

C 52.21/5:967

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

- 14175 Management information on ERL's scientific and technical publications, fiscal year 1968; prepared by Scientific Documentation Division, ESSA Research Laboratories, Boulder, Colo. Dec. 1968. [185] p. 4° C 52.21/5:968
- 14176 National Meteorological Center. [1969.] [6] p. il. oblong 24° ([ESSA/ P1680023 1968.]) † • Item 208-B-1 C 52.2: N 21 m
- 14177 Scientific and technical publications of ESSA Research Laboratories, fiscal year 1968 [list]. Oct. 1968. vi+65 p. 4° (Scientific Documentation Division, Boulder, Colo.) \$\(\) C 52.21/4:968

FEDERAL AVIATION ADMINISTRATION, Transportation Dept. Washington, DC 20553

- 14178 Acceptable methods, techniques, and practices: Aircraft alterations. 1965, reprinted May 1969. cover title, [1] +v+62 p. il. 4° ([Advisory circular] 43.13-2.) [Effective 1965. Includes Changes 1-6. Issued in looseleaf form. Cancels AC 43.201.] *Paper, \$2.00 (including basic book and supplementary material for an indefinite period); 50c. additional for foreign mailing. • Item 431-F-6 TD 4.28:969
- 14179 — Aircraft inspection and repair. 1965, reprinted May 1969, cover title, [1]+xiii+232 p. il. 4° (AC 43.13-1.) [Issued in looseleaf form. Cancels AC 43.201. This reprint incorporates changes 1 through 5.] * Paper, \$3.00. • Item 431-F-7 TD 4.28/2:969
- 14180 Airport design standards, general aviation airports, basic and general transport [with bibliography]. July 14, 1969. cover title, [46] p. il. 4° ([Advisory circular] AC 150/5300-6.) [Issued with perforations.] ‡ TD 4.8: Ai 7/14
- 14181 Current legal literature, Dec. 1967-Feb. 1968 [list]. [1968.] [3]+12 p. 4° (Office of Headquarters Operations, Library Services Division.) ‡ TD 4.17/4: 968/1
- 14182 Dulles international airport. [1969.] [8] p. il. ‡ TD 4.2: D 88
- 14183 FAA air traffic activity, fiscal year 1969; [prepared by Viola W. Patterson]. Aug. 1969. x+218 p.il. 4° (Information and Statistics Division, Office of Management Systems.) * Paper, \$1.75. • Item 431-C-1 L.C. card 78-601630 TD 4.19:969
 - Federal aviation regulations. [Issued in looseleaf form.] † Item 431-C-13 TD 4.6:(nos.)
- 14184
- pt. 121. Certification and operations: Air carriers and commercial operators of large aircraft, Change 33 [effective] July 11, 1969. [1969.] [14] p. 4° [Incorporates amendment 12147.] pt. 151. Federal aid to airports, Change 29 [effective] June 19, July 21. Sept. 7, 1969. [1969.] [20] p. 4° [Incorporates amendment 151-32, 151-33 and 151-34.] 14185
- 14186 Federal aviation regulations, v. 6, Aug. 1969. [1969.] cover title, [261] p. il. 4° [Issued in looseleaf form.] *Paper, \$5.50 (including basic volume and supplementary materials for an indefinite period); \$1.50 additional for foreign mailing. • Item 431-C-13
 - Includes—Part 91, General operating and flight rules—Part 93, Special air traffic rules and airport traffic patterns—Part 99, Security control of air traffic—Part 101, Moored balloons, kites, unmanned rockets and unmanned free balloons—Part 103, Transportation of dangerous articles and magnetized materials—Part 105, Parsachuta tumping 105, Parachute jumping. TD 4.6/3: v.6
- 14187 1st annual national aviation system planning review conference, summary report. Apr. 1969. cover title, iv+59 p. 4° ‡ TD 4.31:969 Handbook.
- 6170.1. Electronic equipment modification handbook, data handling equipment.
 Jan. 14, 1969. cover title, [440] p. il. 4° [Issued in looseleaf form.
 Cancels Handbook AFP 6620.1 Communications facilities and equipment modification handbook, data handling facilities and equipment.
 Jan. 1953.] † Item 431-C-4

 TD 4.8/2:6170.1 14188

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

14189 Military air traffic activity report, calendar year 1968; [prepared by Publication and Service Branch, Information and Statistics Division, Office of Management Systems]. [1969.] cover title, [1]+iv+46+[1] p. oblong 12° † • Item 431-C-1 L.C. card 72-603698 TD 4.19/4:968

System package program NS-SPP (series). (National Airspace System Program Office.)

68-2. NAS en route stage A system. Apr. 26, 1968. cover title, [228] p. il. 4° [Edge index, and how to use, on p. 4 of cover.] ‡ TD 4.30: 65-2 14190

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

14191 Development of Federal credit unions. [1969.] 2 leaves+9 p. 4° (FCU FS 3.302: D 49 549.) ‡

FEDERAL EXTENSION SERVICE, Agriculture Dept. Washington, DC 20250

14192 4H reports to the nation. Jan. 1969. [1]+28 p. il. oblong 8° ‡ A 43.2: F 82/36/969

FEDERAL FIELD COMMITTEE FOR DEVELOPMENT PLANNING IN ALASKA

Suite 400, 632 6th Avenue, Anchorage, AK 99501

Note.—The Federal Field Committee for Development Planning in Alaska was established by Executive Order 11182 of Oct. 2, 1964.

- 14193 Aggregate income model of semi-autonomous Alaskan economy [with bibliography]; prepared by Bradford H. Tuck. Anchorage, Alaska, 1967. [1]+ii+116 p. il. 4° [Text and other illustrations on p. 1 and 2 of cover. Errata, 1 p., was issued also.] ‡ Y 3.Al 1s/4: 2 Ec 7/2
- 14194 Alaska-Northwest Canada economic activities: pt. 1, Summary comparison of mining laws and oil and gas laws and practices with recommendations for policy; prepared by Charles F. Herbert. 1967. cover title, vii+ 168 p. il. 4° [Text on p. 2 of cover.] ‡ L.C. card 78-603418 Y 3.Al 1s/4: 2 Ec 7/5/pt.1
- pt. 2, Analysis of regional, political, and communications aspects of Alaska-Canada development relations; prepared by George W. Rogers 14195 _ with Douglas N. Jones. Anchorage, Alaska, 1968. cover title, iv leaves+ 116 p. il. 4° [Text on p. 2 of cover.] ‡ L.C. card 78-603418 Y 3.Al 1s/4: 2 Ec 7/5/pt.2
- 14196 Alaska recreation & government policies [with bibliography]; prepared by Jerome R. Saroff. Anchorage, Alaska, 1967. cover title, iii+143 p. il. 4º [Text on p. 2 of cover.] ‡ L.C. card 70-603432 Y 3.Al 1s/4:2 R 24
- 14197 Federal regulation of transportation in Alaska; prepared by Morris Chertkov. Anchorage, Alaska, Aug. 1967. cover title, i+47 p. 4° [Text on p. 2 of cover.] ‡ Y 3.Al 1s/4:2 T 68/2 on p. 2 of cover.] ‡
- 14198 Selected economic indicators, end fiscal 1967; prepared by Bradford H. Tuck. Anchorage, Alaska, July 1967. [1]+i+39 leaves, il. 4° Y 3.Al 1s/4: 2 Ec 7/3
- 14199 Subregional economic analysis of Alaska [with bibliography]; by Douglas N. Jones [and others]. 1968. cover title, xii+383 p.+5 leaves, il. 4° [Errata sheet was issued also.] ‡ Y 3.Al 1s/4: 2 Ec 7/4 L.C. card 70-603546
- 14200 Summary of Alaskan industries by standard industrial classification and corporate classification; prepared by Roger A. Bye. [1968.] cover title, il. 4° ‡ L.C. card 75-603854

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

14201 Westward Alaska, native economy and its resource base [with list of publications and other sources cited]; prepared by John D. Abramson. 1968. cover title, [1]+vii+209 p. il. 4° t L.C. card 74-601743 Y 3.Al 18/4:2 W 52

> FEDERAL HOME LOAN BANK BOARD Washington, DC 20552

- 14202 Federal Savings and Loan Insurance Corporation, financial statements, June 30, 1969. [1969.] [6] p. il. narrow 8° † FHL 1.2: F 31/2/969-2
- 14203 Report of Federal Home Loan Bank Board for year ending Dec. 31, 1968, [covering operations of] Federal Home Loan Bank System, Federal Savings and Loan Insurance Corporation, Federal Savings and Loan System. [1969.] xiii+141 p. il. † • Item 595 L.C. card 34-26236 FHL 1.1:968

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

- 14204 Failure of floor tile systems, investigation [with bibliography]; by B. D. Spangler. Dec. 1968 [published 1969]. [1]+ii+27+[2] p. il. 4° [Prepared for Technical Studies Program. This does not constitute revision to FHA minimum property standards. | † • Item 589 HH 2.2: F 65
- 14205 Manufactured housing, technically suitable for FHA mortgage insurance. [1969.] cover title, [224] p. il. 4° (FHA 106.) [Issued with perfora-* Paper. \$1.75. • Item 589 HH 2.2: M 31
- 14206 Minimum property standards for multifamily housing. June 1969. cover title, [3]+511 p. il. 4° ([FHA 2600.]) [Reprinted to include general revisions M 1 through M 12. Issued in looseleaf form.] * Paper, \$2.50. Item 593 HH 2.17/3: M 91/969
- 14207 Mortgagees' handbook [new and revised pages: July 1969]. [1969.] [51] p. ([35-17.]) [Includes transmittal memorandum 17. Issued in looseleaf form.] † HH 2.6/6: M 84/962/trans.17

FEDERAL MARITIME COMMISSION Washington, DC 20573

FMC SP (series). † FMC 1.9: (nos.)

- 69-10. Remarks by John Harllee, Chairman, Federal Maritime Commission, to Executive Committee of Navy League, Colorado Springs, Colo., Aug. 16. 14208
- 14209
- Executive Committee of Navy League, Colorado Springs, Colo., Aug. 16, 1969, 11 p. 4°
 69-11. Remarks by H. B. Mutter, Deputy Solicitor, Federal Maritime Commission, before Federal Bar Association convention, Council for Transportation Law Program, Miami Beach, Fla., Sept. 4, 1969. 1969. 9 p. 4°
 69-12. Remarks of Commissioner George H. Hearn, of Federal Maritime Commission, at annual convention of Federal Bar Association before Council for Transportation Law, Miami Beach, Fla., Sept. 4, 1969. [1969.] 14210
- 69-13. Regulatory problems affecting inter-American transportation, remarks by James E. Mazure, Acting Managing Director, Federal Maritime Commission before Federal Bar Association Convention, Council for Transportation Law Program, Miami Beach, Fla., Sept. 4, 1969. [1969.] 8 p. 4° 14211

FEDERAL POWER COMMISSION Washington, DC 20426

- 14212 Cost of pipeline and compressor station construction under non-budget type of certificate authorizations as reported by pipeline companies in fiscal year 1968, (July 1, 1967-June 30, 1968). May 1969. [3] +iv+36 p. il. 4° ‡ L.C. card 75–603854 FP 1.30: 968
- 14213 Federal Power Commission reports, v. 34, Mar. 18, 1969, errata notice. Mar. 18, 1969. 1 p. † • Item 438 FP 1.20: 34/errata

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

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.

14214 Arizona. July 1969. [2]+10 p. 4° [Supersedes issue of Oct. 1968.] • Item 437-A-2 FP 1.18: Ar 4 i/969 14215 Colorado. June 1969. [2]+14 p. 4° [Supersedes issue of Oct. 1968.] • Item FP 1.18: C 71/969

14216 Connecticut. July 1969. [2] +8 p. 4° [Supersedes issue of Sept. 1968.] • Item
437-A-6
FP 1.18: C 76/969

437-A-6
14217 Idaho, July 1969. [2] + 8 p. 4° [Supersedes issue of Aug. 1968.] • Item 437-A-10
14218 Nevada. July 1969. [2] + 6 p. 4° [Supersedes issue of Oct. 1967.] • Item 437-A-26
14219 New Mexico, July 1969. [2] + 11 p. 4° [Supersedes issue of Sept. 1968.] • Item 437-A-29
14220 North Carolina. July 1969. [2] + 27 p. 4° [Supersedes issue of Sept. 1968.] • Item 437-A-31
• Item 437-A-31
• Item 437-A-31
• FP 1.18: N 81 c/969
14221 Oklahoma. July 1969. [2] + 19 p. 4° [Supersedes issue of Oct. 1968.] • Item 437-A-34

14222 Publications list, Aug. 1969. [1969.] 4 p. 4° † FP 1.26: 969-2

FEDERAL RAILROAD ADMINISTRATION, Transportation Dept. Washington, DC 20591

14223 Published reports by Office of High Speed Ground Transportation and Northeast Corridor Transportation Project, Department of Transportation. [Mar. 1969.] [2]+17+[6] p. 4° ‡ TD 3.12: H 53/2

FEDERAL REGISTER OFFICE, General Services Administration Washington, DC 20408

14224 United States Government organization manual, 1969-70. Revised July 1, 1969. [1969.] viii + 805 p. il. [Includes Constitution of United States with amendments, Revised annually, Margin index and instructions for use on p. 4 of cover.] * Paper, \$3.00. • Item 577 GS 4.109:969 L.C. card 35-26025

FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS Washington, DC 20551

- 14225 Banking and monetary statistics, 1968. [1969.] 16 p. 4° [Reprinted from Federal reserve bulletin, Feb. & Mar. 1969.] † FR 1.3/a: B 225/14/968
- 14226 Changes in time and savings deposits, Jan.-Apr. 1969; [by Caroline H. Caglel, [1969.] p. 581-590, il. 4° [Reprinted from Federal reserve FR 1.3/a: D 441/11/969 bulletin, July 1969.]
- 14227 Education and economic advancement of minority groups in United States, remarks by Andrew F. Brimmer, Member, Board of Governors of Federal Reserve System, before annual convention of Phi Epsilon Pi Fraternity. Miami Beach, Fla., Aug. 28, 1969. [1969.] [1]+25 p. 4° † FR 1.23: B 77/47
- 14228 Errata to Truth in lending interpretations of regulation Z. [1969.] 1 p. FR 1.2: T 77/2/errata oblong 24°
- 14229 Financial developments in 2d quarter of 1969. [1969.] p. 633-641, il. 4° [Reprinted from Federal reserve bulletin, Aug. 1969.] FR 1./3 a: F 49/13

FR 1.6: (letters) Regulation (series). †

D. Reserves of member banks, amendment, effective Sept. 4, 1969. [1969.] 1 p. D. [Reserves of member banks], sec. 204.5, supplement, effective Sept. 4, 1969. [1960.] [2] p. 14230 14231

[1969.] [2] p.
M. Foreign activities of national banks, amendment, effective Sept. 4, 1969. [1969.] [2] p.
Z. Truth in lending, amendment, effective Aug. 11, 1969. [1969.] [2] p. 4° 14232

14233

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

14234 Revision of weekly series for commercial banks. [1969.] [1]+641-646 p. 4° [Reprinted from Federal reserve bulletin, Aug. 1969.] FR 1.3/a: B 225/22

FEDERAL SUPPLY SERVICE, General Services Administration Washington, DC 20405

14235 Federal specifications. • Item 563.

GS 2.8:

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

Index of Federal specifications and standards, January 1, 1969, with cumulative supplements as issued (GS 2.8/2: 969) is sold by the Superintendent of Documents on a subscription basis at \$3.00 a yr.; 75c. additional for foreign mailing.

Federal standards. Issued with perforations. • Item 563

GS 2.8/3: (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.

268B. Stepladders, May 16, 1969. [1969.] 4 p. 4° (FSC 5440.) [RR-S-00720 and LLL-S-710, issues in effect. Supersedes Fed. Std. 268a, Jan. 23, 1968.] † Paper, 10c.

Tape, pressure sensitive adhesive, May 8, 1969. [1969.] 4 p. 4° (FSC 8030.) † Paper, 10c. 14236

14237

FEDERAL TRADE COMMISSION Washington, DC 20580

Consumer bulletin.

14238 Unordered merchandise, shipper's obligations and consumer's rights. [1969.]
 [3] p. * Paper, 10c. ● Item 533-A

FT 1.3/2:2

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

- 14239 Clean water for nation's estuaries, proceedings, public meeting on water quality management for estuaries, San Francisco, Calif., Feb. 18-19, 1969. [1969.] v. 1, cover title, [1]+vi+320 p.+[2] leaves, il. 4° Southwest Region, San Francisco, Calif.) L.C. card 70-603692 I 67.2: Es 8/3/969/v.1
- 14240 Conference [on] pollution of interstate waters of Lake Champlain and its tributary basin, New York, Vermont, proceedings, Nov. 13, Burlington, Vt., Dec. 19-20, 1969, Boston, Mass. [with bibliography]. [1969.] cover title, 416 p. il. 4° † L.C. card 75–603444 • Item 473-A-1
- 14241 Conference [on] pollution of Lake Michigan and its tributary basin, Illinois, Indiana, Michigan, and Wisconsin, 2d session, Feb. 25, 1969, Chicago, Ill., proceedings. [1969.] † • Item 437-A-1 L.C. card 73-603457 v. 1. cover title, [3] +2-364 p. il. 4° v. 2. cover title, [1] +365-968 p. il. 4° I 67.2: M 58/6/969/v.1-2
- 14242 Current list of water publications, Robert A. Taft Sanitary Engineering Center, 1965-68. [1969.] [1]+21 p. 4° [Up to date as of Dec. 13, 1968.] † Office of Information, Ohio Basin Region, Federal Water Pollution Control Administration, Cincinnati, OH 45226 I 67.14: W 29/2/965-968
- 14243 General background on mineral pollution problem in Colorado River Basin. Jan. 1968. cover title, [3]+31 leaves il. 4° (Southwest Region, San Francisco, Calif.; Colorado River Basin Water Quality Control Project.
- 14244 Report of Water Quality Sub-Task Force on Project Potomac. [Feb. 1, 1967.] [7] +57 p. 4° ‡ L.C. card 71-603435 I 67.2: P 84/2

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

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

14245

1. Dilute solution reactions of nitrate ion as applied to water reclamation [with list of references]; by Frank C. Gunderloy, jr. [and others]. Oct. 1968. vi+67 p. 4° ([Advanced Waste Treatment Laboratory-1.]) [Report is submitted in fulfillment of contract 14-12-52 by Rocketdyne, Division of North American Rockwell Corporation.] † Office of Information, Ohio Basin Region, Federal Water Pollution Control Administration, 4676 Colombia Parkway, Cincinnati, OH 45226

FLIGHT STANDARDS SERVICE, Transportation Dept. Washington, DC 20553

14246 General aviation inspection aids, summary, Aug. 1969. [1969.] cover title, vi+138 p. il. 4° ([Advisory circular] AC 20-7F.) [Text and another illustration on p. 2-4 of cover. Issued with perforations.] * Paper, \$3.00 (including basic manual and 11 monthly supplements); 75c. additional for foreign mailing. • Item 431-C-6 TD 4.409: 969

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

14247 Selected technical publications, July-Dec. 1968, Food and Drug Administration, [no. 8; with bibliographies]. [1969.] cover title, vi+503 p. il. 4°
† ● Item 475 FS 13.102: T 22/no.8

FOREST SERVICE, Agriculture Dept. Washington, DC 20250

- 14248 Animal damage control. [1969.] [2] p. il. 4° (Pacific Northwest Forest and Range Experiment Station, Forestry Sciences Laboratory, Olympia, Wash.) ‡ A 13.66/2: An 5
- 14249 Annual report of research at Forest Products Laboratory FPL '68. [1969.]
 cover title, iv+36 p. il. 4° [Includes list of FPL publications issued in 1968.] †
 L.C. card 67-60181 A 13.27/1:968
- 14250 Big-game habitat. [1969.] [2] p. il. 4° (Pacific Northwest Forest and Range Experiment Station, Range and Wildlife Habitat Laboratory, LaGrande, Oreg.) ‡ A 13.66/2: B 48
- 14251 Bridger National Forest, [Wyo.]. [1968.] 1 sheet (with map on verso) il. oblong f° folded in narrow 8° size. (Intermountain Region, Ogden, Utah.) ‡ A 13.13: B 76
- 14252 Camping & picnicking in Eldorado National Forest. 1969. [3]+23+[2] p. il. (California [region].) † A 13.2: El 2/969
- 14253 Camping & picnicking in Tahoe National Forest. [1969.] [2]+22 p. il. (California [region].) † A 13.2: T 13
- 14254 Christmas tree directory, Oregon and Washington growers, wholesalers and retailers, 1969. [1969.] cover title, [1]+32 p. il. 4° (Pacific Northwest Region.) [Text on p. 2 and page 32 on p. 3 of cover.] ‡

 A 13.2: C 46/2/969
- 14255 Cle Elum trail trips on Cle Elum ranger district, Wenatchee National Forest. [1969.] cover title, [1]+11 p. il. (Pacific Northwest Region.) [Text on p. 3 of cover.] † A 13.13: C 58/2
- 14256 Conservation in your life, services to educators. [1968.] cover title, [8] p. il. oblong 24° (California [Region].) [Text on p. 2-4 of cover.] ‡ A 13.2: C 76/16
- 14257 Discussion of grazing management systems and some pertinent literature (abstracts & excerpts) 1895–1966; [compiled by] Wayne C. Hickey, jr. Denver, Colo., [1969.] [370] p. il. 4° ‡

 L.C. card 70–603535 A 13.2: G 79/13/895–966

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

- 14258 Dividends from wood research, recent publications of Forest Products Laboratory, Jan. 1-June 30, 1969, [1969.] cover title, 12 p. il. narrow A 13.27/7: W 85/15/969
 - [Equipment development & test report] ED&T (series). 1

A 13.49/4: (nos.)

- 14259
- 14260
- 923. Equip tips: Bracket for light helicopter cargo hooks. July 1969. 2 p. il. 4° (Equipment Development Center, Sam Dimas, Calif.)
 1423. Equip tips: Faucets for recreation sites. Feb. 1969. 4 p. il. 4° (San Dimas Equipment Development Center.) [Issued with perforations.]
 1701. Equip tips: Air-to-ground warning device. July 1969. 3 p. il. 4° (Equipment Development Center, San Dimas, Calif.) 14261
- 14262 Flaming Gorge National Recreation area. [1969.] 1 sheet (with map on verso) il. oblong fo folded into narrow large 8º size. (Ashley National Forest.) [Prepared in cooperation with Reclamation Bureau, Interior Dept. Map and illustrations are colored.] † A 13.13: F 61/3
 - Forest pest leaflet.
- 44. Brown-spot needle blight of longleaf pine [with list of references]; by Paul C. Lightle. Apr. 1960, slightly revised July 1969. [1969.] 7 p. 11. ↑

 Item 82-A

 A 13.52:44/2 14263
- 14264 Grazing values on undisturbed chaparral versus areas converted to grass, Tonto Springs Range; by Floyd W. Pond. [1969.] [2]+14 p. il. oblong 24° (Rocky Mountain Forest and Range Experiment Station.) A 13.69/2: G 79
- 14265 Guide to forest of ancient bristlecone pines, Inyo National Forest, Calif. 1969. 1 sheet (map on verso) fo, folded into narrow 80 size. A 13.13: In 8/969
- 14266 1968 Hemlock looper project, Mt. Baker National Forest, Wash. [with bibliography]; by Jack Mounts, Leon F. Pettinger, John Wortendyke. June 1969. [3] +23 p. il. 4. (Insect and Disease Control Branch, Division of Timber Management, Pacific Northwest Region.) A 13.2: H 37/968
- 14267 Intensive culture of Douglas fir. [1969.] [2] p. il. 4° (Pacific Northwest Forest and Range Experiment Station, Forestry Sciences Laboratory, Olympia, Wash.) t A 13.66/2: D 74/3
- 14268 Kanikou National Forest, Priest Lake recreation area. [1969.] 1 sheet (with map on verso.) il. fo folded into 80 size. † A 13.13: P 93
- 14269 Management direction, wilderness and primary recreation zones of National Forests in Oregon Cascades. [1969.] [1]+iii+42 p. il. 1 map in pocket, 4° (Pacific Northwest Region.) [Map is colored.] A 13.2: M 31/7
- 14270 Map of vehicle control area and rules for vehicle use in this area of Eldorado National Forest. May 1, 1969. 1 sheet, (with map on verso), il. f°, folded into 4° size. † A 13.13: El 8/4
- 14271 Mt. St. Helens-Spirit Lake, Gifford Pinchot National Forest. [1969.] [2] p. il. oblong f°, folded into narrow 8° size. ([Pacific Northwest Region.]) [One illustration is colored.] † A 13.13: M 86 sa
- 14272 National forests in Colorado. [1969.] [24] p. il. (Rocky Mountain A 13.2: C 71/3 Region.)
- 14273 National forests in profile, 1968 yearbook, Intermountain Region, Forest Service, Department of Agriculture, Ogden, Utah. [1969.] cover title, [24] p. il. 4. L.C. card 63-60296 A 13.57: 968
- 14274 National forests in Wyoming. [1969.] [20] p. il. (Rocky Mountain & A 13.2: W 99 Intermountain Regions.)
- 14275 Ochoco National Forest and Crooked River National Grassland. [1969.] [2] p. il. oblong fo folded into narrow 80 size. ([Pacific Northwest Region.]) [Some illustrations are colored.] † A 13.13: Oc 3/2/969
- 14276 Olympic National Forest, 1968. [Olympia, Wash., 1969.] cover title, [16] p. il. 4° [Text on p. 2-4 of cover.] ‡ A 13.13/2: Ol 9/968

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

- 14277 Public campgrounds on San Bernardino National Forest, general information. Apr. 1, 1969. [8] p. 4° ‡ A 13.2: Sa 5 b A 13.2: Sa 5 b
- 14278 Range ecology and management, [1969.] [2] p. il. 4° (Pacific Northwest Forest and Range Experiment Station, Range and Wildlife Habitat Laboratory, LaGrande, Oreg.) A 13.66/2: R 16
- 14279 Range environmental management. [Revised Feb. 1969.] [1969.] [2] p. il. 4° (Pacific Northwest Forest and Range Experiment Station, Range and Wildlife Habitat Laboratory, LaGrande, Oreg.) A 13.66/2: R 16/2
- 14280 Recreation map, Palisades Reservoir, Caribou Targhee Bridger National Forests. [1967.] 1 sheet (map on verso) il. oblong fo folded into narrow 8° size. A 13.13: P 17
- Research note RM-(series). (Rocky Mountain Forest and Range Ex-
- 14281
- periment Station, Fort Collins, Colo.) † A 13.79: RM-(nos.)
 RM-138. Aspen grove use by deer, elk, and cattle in southwestern conferous
 forests; [by] Hudson G. Reynolds. 1969. 4 p. il. 4°
 RM-139. Deer and elk use of Ponderosa pine forest in Arizona before and after
 timber harvest [with list of literature cited; by] David R. Patton. 14282
- timber harvest [with list of literature cited; by] David R. Patton. 1969. 7 p. il. 4°

 RM-140. Selective control of brush on chaparral watersheds with soll-applied fenuron and pictoram [with list of literature cited; by] Edwin A. Davis and Charles P. Pase. 1969. 4 p. 4°

 RM-141. Response of deer to alternate-strip clearcutting of lodgepole pine and spruce-fit timber in Colorado; [by] O. C. Wallmo. 1969. 4 p. il. 4°

 RM-142. Assimilation chamber for outdoor measurements of photosynthesis of tree seedlings; [by] Frank Ronco. 1969. 4 p. il. 4°

 RM-143. Assimilation chamber for measuring carbon dioxide exchange of tree seedlings in laboratory; [by] Frank Ronco. 1969. 7 p. il. 4°

 RM-144. Estimating defoliation of Douglas-fir and white fir by western budworm; [by] M. E. McKnight. 1969. 3 p. il. 4°

 RM-145. In vitro digestibility of alpine forages in Wyoming [with list of literature cited; by] Dixie R. Smith. 1969. 3 p. 4° 14283 14284
- 14285
- 14286
- 14287
- 14288
- Research paper RM-(series). (Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colo.) † A 13.78: RM-(nos.) 14289
- 14290
- 14291
- RM-47. Major insect pests in North Dakota shelterbelts, abundance and distribution by climate and host age [with list of literature cited]: by RM-48. Classification outline for snow on ground [with list of recommended reading]; by R. A. Sommerfeld. 1969. [3] +24 p. +[2] leaves RM-49. Here's how, guide to tree planting in Southwest; [by Gilbert H. Schubert, Robert W. Pearl, and L. J. Heidmann]. [1969.] cover title, [14] p. il. [Text on p. 2-3 of cover.]
- 14292 Snoqualmie National Forest, 1968 letter to stockholders. [1969.] cover title, 24 p. il. 4° [Text on p. 2 and 3 of cover.] † A 13.13/2: Sn 5/968
- 14293 Starting a community forest, Revised 1968. [1969.] 4 p. 4° † A 13.2: C 73/13
- 14294 Suggestions for integrating forestry in modern curriculum. [Revised Sept. 1968.] [1969.] [4] p. 4° (FS-62; Conservation teaching aid.) A 13.72: C 93
- 14295 Surveillance report, 1965 Burns Project, Douglas-fir tussock moth control [Malheur and Ochoco National Forests]; by Glenn L. Crouch and Randall F. Perkins. Aug. 1968. [3]+20 p. il. 4° (Insect and Disease Control Branch, Division of Timber Management, Pacific Northwest Re-A 13.2: D 74/3/965
- 14296 Thinning program for Malheur National Forest, proposed pre-commercial thinning program with discussion of costs and benefits [with bibliography; by] Randall F. Perkins, Ernest B. Wright, ir. Nov. 1967. [1]+ii+13 p. il. 4° (Pacific Northwest Region.) [Page 13 on p. 3 of cover.]
- 14297 Wheeler Peak scenic area, Humboldt National Forest. [1968.] 1 sheet (with map on verso.) il. oblong f° folded into narrow large 8° size. (Intermountain Region, Ogden, Utah.) † A 13.13: W 56
- 14298 1968 wildfire statistics [calendar year 1968]; prepared by Division of Cooperative Forest Fire Control. [1969.] vi+48 p. il. 4° L.C. card 78-603757 A 13.32/2:968

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

- 14299 Willamette 1968, national forest and national wilderness preservation system, annual public report of Willamette National Forest; [by Samuel T. Frear]. [1969.] cover title, 24 p. il. 4° [Text, other illustrations, and a map on p. 1-4 of cover.] †

 A 13.13/2: W 66/968
- 14300 The year 1968 on Mendocino National Forest. [1969.] cover title [16] p. il. 4° (California Region.) [Text on p. 2-4 of cover.] ‡

 A 13.13/2: M 52/968

GENERAL ACCOUNTING OFFICE Washington, DC 20548

- 14301 Annual report of Comptroller General of United States, fiscal year 1968. 1968. xi+383 p. il. [Also issued as H. doc. 14, 91st Congress, 1st session. Document notation appears on title page in error.] * Paper, \$1.75.

 Item 543
 L.C. card 22-27353

 GA 1.1:968
- 14302 GAO manual for guidance of Federal agencies [titles 1-9]. [Issued in looseleaf form.] * Paper, \$20.00 (including basic manual and supplementary service); \$5.00 additional for foreign mailing.

title 6. Pay, leave, and allowances, transmittal sheet 6-26; May 15, 1969. [1969.] GA 1.6/10:957/trans.6-26

- 14303 List of GAO publications, v. 3, no. 1. July 1969. [1969.] cover title, 35 p. [Text on 2 p. of cover.] † GA 1.16/2:3/1
- 14304 Report to Congress: Administration and effectiveness of Economic Opportunity Loan Program for low-income rural families under Farmers Home Administration, Department of Agriculture; by Comptroller General of United States. Aug. 21, 1969. cover title, [8]+78 p. 4° (B-130515.) † Paper, \$1.00.

 L.C. card 70-603421 GA 1.13: Ad 6/5
- Agency for International Development loan program financial activities, status as of June 30, 1968; by Comptroller General of the United States. Sept. 11, 1969. cover title, [8]+68 p. il. 4° (B-133220.) † Paper, \$1.00.

 L.C. card 73-603623

 GA 1.13: In 8/9
- 14306 —— Cessation of unauthorized payments of proficiency pay and variable reenlistment bonuses to candidates in officer training programs, Department of Defense; by Comptroller General of United States. Aug. 6, 1969. cover title, [6]+27 p. 4° (B-160096.) † Paper, \$1.00.

 L.C. card 73-603422 GA 1.13: P 29/23
- The description of the community of the community and the community and the community and the community act of 1964, Human Development Corporation, St. Louis City and St. Louis County, Mo., Office of Economic Opportunity; by Comptroller General of United States. Aug. 11, 1969. cover title, [10]+130 p. 4° (B-130515.) † Paper, \$1.00.

 L.C. card 77-603423 GA 1.13; Sa 2 1/2
- 14308 Effectiveness and administration of Community Action Program under title 2 of Economic opportunity act of 1964, Lake County, Inc., Office of Economic Opportunity; by Comptroller General of United States. Aug. 1, 1969. cover title, [9]+96 p. 4° (B-130515.) † Paper, \$1.00. L.S. card 70-603054
- 14309 Effectiveness and administration of migrant and seasonal farmworkers program under title 3-B of Economic opportunity act of 1964. Phoenix, Ariz., Office of Economic Opportunity; by Comptroller General of United States. Aug. 26, 1969. cover title, [9]+76 p. 4° (B-130515.) † Paper, \$1.00.

 L.C. card 70-603424 GA 1.13: P 56/7

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

- 14310 Report to Congress: Effectiveness and administrative efficiency of Neighborhood Youth Corps program under title IB of Economic opportunity act of 1964, Gary, Ind., Department of Labor; by Comptroller General of United States. Sept. 5, 1969. cover title, [10]+109 p. 4° (B-130515.) † Paper, \$1.00.
 L.C. card 74-603425 GA 1.13: G 19
- 14311 Effectiveness and administrative efficiency of Neighborhood Youth Corps program under title IB of Economic opportunity act of 1964, Gila River Indian Reservation and Pinal County, Ariz., Department of Labor; by Comptroller General of United States. Sept. 4, 1969. cover title, [10]+99 p. 4° (B-130515.) † Paper, \$1.00.

 L.C. card 78-603426 GA 1.13: G 37/3
- 14312 Effectiveness and administrative efficiency of Neighborhood Youth Corps program under title IB of Economic opportunity act of 1964, Kansas City, Mo., Department of Labor; by Comptroller General of United States. Sept. 5, 1969. cover title, [9]+80 p. 4° (B-130515.) † Paper, \$1.00.

 L.C. card 74-603547 GA 1.13: K 13/2
- 14313 Effectiveness and administrative efficiency of Neighborhood Youth Corps program under title IB of Economic opportunity act of 1964, Maricopa County, with emphasis on Phoenix, Ariz., Department of Labor; by Comptroller General of United States. Sept. 11, 1969. cover title, [9]+85 p. 4° (B-130515.) † Paper, \$1.00.

 L.C. card 78-603556 GA 1.13: M 33/2
- 14314 Effectiveness in meeting supply requirements of overseas U.S. agencies, General Services Administration; by Comptroller General of United States. Aug. 15, 1969. cover title, [7]+52 p. 4° (B-114807.) † Paper, \$1.00.

 L.C. card 71-603427 GA 1.13: Su 7/25
- 14316 Examination of financial statements of Federal Home Loan Bank Board for year ended Dec. 31, 1968; by Comptroller General of United States. Sept. 5, 1969. cover title, [5]+23 p. 4° (B-114827.) † Paper. \$1.00.

 L.C. card 66-62274 GA 1.13: F 31/19/968
- 14317 Examination of financial statements of Federal Home Loan Banks, supervised by Federal Home Loan Bank Board for year ended Dec. 31, 1968; by Comptroller General of United States. Aug. 17, 1969. cover title, 3 leaves + 16 p. 4° (B-114827.) † Paper, \$1.00.

 L.C. card 66-62274 GA 1.13: F 31/18/968
- 14318 Examination of financial statements Federal Housing Administration fiscal year 1968, Department of Housing and Urban Development; by Comptroller General of United States. Sept. 9, 1969. cover title, [6] + 39 p. 4° (B-114860.) † Paper, \$1.00.

 L.C. card 66-60882 GA 1.13: F 31/17/968
- 14319 Improvements made in medical care cost accounting system of Veterans Administration; by Comptroller General of United States. Aug. 5, 1969. cover title, [6]+24 p. 4° (B-61930.) † Paper, \$1.00.

 L.C. card 72-603446 GA 1.13: M 46/12
- 14320 Management of suggestion award portion of incentive awards program, Department of Army; by Comptroller General of United States.

 Aug. 27, 1969. cover title, [8]+35 p. 4° (B-166802.) † Paper, \$1.00.

 L.C. card 79-603429 GA 1.13: Su 3

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OCTOBER 1969

- 14321 _ - Opportunities for increased savings by improving management of value engineering (design or manufacture simplification) performed by contractors, Department of Defense; by Comptroller General of United States. Aug. 25, 1969. cover title, [6] +47 p. il. 4° (B-165757.) \$1.00 L.C. card 76-603447
- GA 1.13: V 24/3 Opportunity for geological survey to increase revenues through changes in its map-pricing practices. Department of Interior, Bureau of Budget; by Comptroller General of United States. Sept. 3, 1969. cover title, [5] +23 p. 4° (B-118678.) † Paper, \$1.00. L.C. card 70-603448
- GA 1.13: G 29/3 14323 _ Overseas dependents school system in European area, Department of Defense; by Comptroller General of United States. Sept. 4, 1969. cover title, [6] +46 p. 4° (B-131587.) † Paper, \$1.00. L.C. card 73-603449
- GA 1.13: Sch 6/4 14324 Potential for savings by reduction of aircraft engine procurement, Department of Navy, Department of Air Force; by Comptroller General of United States. Sept. 9, 1969. cover title, [5]+30 p. il. 4° (B-132989.) † Paper, \$1.00. L.C. card 78-603450 GA 1.13: En 3/13

GENERAL SERVICES ADMINISTRATION Washington, DC 20405

14325 Guide to specifications and standards of Federal Government. [1969.] cover title, iii+24 p. il. L.C. card 67-60671 GS 1.6/6: Sp 3/969

GEOGRAPHIC NAMES BOARD, Interior Dept. Washington, DC 20240

Gazeteers. I 33.8:(nos.)

14327

GEOLOGICAL SURVEY, Interior Dept. Washington, DC 20242

Bulletins. • Item 620 I 19,3:(nos.) 14328

119.3:(nos.)

1261-E. Mineral resources of Blue Range primitive area, Greenlee County, Ariz. and Catron County, N.M. (with list of references cited], by James C. Ratte [and others]; with section on Aeromagnetic interpretation, by Gordon P. Eaton. 1969, vi+91 p. il. 2 pl. in pocket. [Evaluation of mineral potential of area. Studies related to wilderness-primitive areas.] * Paper, \$1.00.

1261-F. Mineral resources of San Juan primitive area, Colo. [with list of references cited], by T. A. Steven [and others]; with section on Iron resources in Irving Formation, by Jacob E. Gair and Harry Klemic. 1969, viii+187 p. il. 2 pl. in pocket. [Evaluation of mineral potential of area, Studies related to wilderness, primitive areas.] * Paper, \$1.75. 14329

14330

\$1.75.
General and engineering geology of northern part of Pueblo, Colo. [with list of references cited]; by Glenn R. Scott. 1969. vi+131 p. il. 2 pl. 1 is in pocket. [Description of geology of bedrock and surficial deposits in and near Pueblo, Colo. Engineering behavior of rocks is sumarized at end of report.] † Paper, \$1.75.
1271-C. Geology of Bear Peak area, Dona Ana County, N. Mex. [with selected bibliography]; by George O. Bachman and Donald A. Myers. 1969. iv+46 p. il. 1 pl. in pocket. [Study of southern part of San Andres Mountains, with emphasis on Paleozoic stratigraphy. Contributions to general geology.] Plate is colored.] * Paper, \$1.00. 14331

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

Bulletins-Continued

1272-F. Gold investigations in Precambrian clastic and pelific rocks, southwestern Colorado and northern New Mexico [with list of references cited]; by Fred Barker, 1969. iii+22+[3] p. il. [Contributions to economic geology, Includes title page and table of contents to Bulletin 1272.] * Paper, 25c. 14332

economic geology. Includes the page and tame of contents to Simethi 1272.] * Paper, 25c.

Use of seismic intensity data to predict effect of earthquakes and underground nuclear explosions in various geologic settings (with list of references cited); by Patrick J. Barosh. 1969. v+93 p. il. [Prepared on behalf of Atomic Energy Commission. Summary of various factors that determine effects of seismic disturbance at particular location and their utilization in predicting these effects.] * Paper, 45c.

L.C. card 77-601453

Geologic story of Mount Rainier, a look at the geologic past of one of America's most scenic volcanoes [with list of publications for further reading in geology]; by Dwight R. Crandell, vi+43 p. il. [Some illustrations are colored.] * Paper, 65c.

L.C. card 79-601704

1312-G. Lead isotope guides for Mississippi Valley lead-zinc exploration [with list of references cited]; by Ralph S. Cannon, jr., and Arthur P. Plerce, 1969, iv+20 p. il. [Review of correlations of isotopic compositions of ore-lead and tonnages of known ore in Mississippi Valley lead-zinc deposits. Contributions to economic geology.] * Paper, 20c. 14333

14334

14336 Characteristics of streamflow in Colville River basin. Stevens County,

Wash. [with list of selected references]; by Walter R. Scott. Tacoma, Wash., 1969. [1]+iii+31 p. il. 4° (Water Resources Division.) [Prepared in cooperation with Public Utilities District no. 1 of Stevens County. Open-file report.] ‡

Circular.

14335

- 529-B. Movement of solute in Potomac River estuary at Washington, D.C. at low inflow conditions [with list of references]; by James F. Wilson, jr., Ernest D. Cobb, and Nobuhiro Yotsukura. 1969. iv+14 p. il. 1 pl. in pocket 4° † Item 620-A 14337
- 14338 Compilation of hydrologic data: Calaveras Creek, San Antonio River basin, Tex., 1967. [1968.] iii+47 leaves il. 4° (Water Resources Division, [Texas District].) [Prepared in cooperation with Texas Water Development Board, San Antonio River Authority, and U.S. Soil Conserva-tion Service.] † U.S. Geological Survey, Water Resources Division, Federal Building, 300 East 8th Street, Austin, TX 78701

I 19.58 : C 12/967

- Escondido Creek, San Antonio River basin, Tex., 1967. [1969.] iii+73 leaves, il. 4° (Water Resources Division. Texas district.) [Prepared in cooperation with San Antonio River Authority, Soil Conservation Service, and Texas Water Development Board.] ‡ 14339 _ I 19.58: Es 1/967
- Little Elm Creek, Trinity River basin, Tex., 1967. [1969.] iv+81
 leaves, il. 4° (Water Resources Division, Texas district.) [Prepared 14340 _ in cooperation with City of Dallas and Texas Water Development I 19.58: L 72/967 Board.] ‡
- 14341 Intern-training opportunities provided by U.S. Geological Survey for scientists and technicians from other countries; compiled by International Activities Committee, United States Geological Survey. [1969.] [1]+i+54 p. 4° ([Project report D.C. Investigations (IR) DC-8.]) I 19.2: In 8
- 14342 John Wesley Powell, soldier, explorer, scientist [with list of selected references]. [1969.] 24 p. il. † • Item 621 I 19.2: P 87/2 L.C. card 71-603443
- 14343 Preliminary evaluation of corrosion and encrustation mechanisms in tube wells of Indus plains, west Pakistan [with list of references]; by Frank E. Clarke and Ivan Barnes. Lahore, West Pakistan, July 1964. vi+81+3 p. il. 4° [Open file report. Prepared in cooperation with West Pakistan Water and Power Development Authority under auspices of United States Agency for International Development mission to I 19.2: In 2/3 Pakistan.

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- 14344 Preliminary study of water-well corrosion, Chad Basin, Nigeria [with list of references]; by Frank E. Clarke and Ivan Barnes. July 1965. iv+36+[1] p. il. 4° [Prepared in cooperation with Geological Survey of Nigeria under auspices of Agency for International Development. I 19.2: N 56/3 Open file report.]
 - Item 624 Professional papers. I 19.16:(nos.)
- 14345
- 14346
- Professional papers. Item 624

 119.16:(nos.)

 437-B. Land subsidence due to ground-water withdrawal, Tulare-Wasco area, Calif. [with list of references cited]; by B. E. Lofgren and R. L. Klausing. 1969. vii+103 p. il. 4° [Prepared in coooperation with California Department of Water Resources. Study of land subsidence caused by water-level changes in complex aquifer systems, including analysis of stresses and appraisal of parameters for estimating subsidence. coece. Studies of land subsidence. ence. Studies ence. 14347
- L.C. card 78-603048

 Foraminfera and stratigraphy of upper part of Pierre shale and lower part of Fox Hills sandstone (Cretaceous), north-central South Dakota [with list of references cited]; by James F. Mello, 1969, iv+121+[2] p. il. 11 pl. 4º [Description, flustration, and interpretation of Late Cretaceous foraminiferal faunas of parts of Pierre shale and Fox Hills sandstone, and discussion of stratigraphy of these lithologic units.] 14348 611. * Paper, \$2.25. L.C. card 75-603460
- Geology of Empire quadrangle, Grand, Gilpin, and Clear Creek Counties, Colo. [with list of references]; by William A. Braddock, 1969, iv+56 p. 1l. 3 pl. in pocket, 4° [One plate is colored.] * Paper, \$1.75.

 L.C. card 78-650226 14349 616.
- L.C. card 78-650226

 625-A. Distribution of gold and other metals in Cripple Creek district, Colo. [with list of references cited]; by Garland B. Gott [and others]. 1969. 17 p. il. 4° 2 pl. in pocket [Northwest-trending geochemical anomalies in surface rocks of Cripple Creek district are favorable areas for exploration for large low-grade gold deposits. Shorter contributions to economic geology.] *Paper, \$1.00.

 634. Diagenesis of tuffs in Barstow Formation, Mud Hills, San Bernadino County, Calif. [with list of references]; by Richard A. Sheppard and Arthur J. Gude, 3d. 1969. iv+35 p. il. 4° [Physical properties, chemistry, and origin of silicate minerals former in silicic tuffs of lacustrine deposit.] *Paper, 50c.

 L.C. card 79-650237

 650-C. Geological Survey research 1969. chan C. [papers with lists of seconds.] 14350
- 14351
- 650-C. Geological Survey research 1969, chap. C [papers, with lists of references]. 1969. v+247 p. il. 4° [Scientific notes and summaries of investigations in geology, hydrology, and related fields.] * Paper, 14352 summaries of \$3.00. L.C. card 68-46150
- 680-D. Electrical resistivity measurements, Midway and Kure Atolls [with list of references cited]; by George V. Keller. 1969. iii+8 p. ii. 4° [Electrical resistivity measurements are used to estimate porosity of reef sediments at various depths. Geology of Midway area, Hawaiian 14353 trical resistant various sediments at various relands 1 * Paper, 25c.
- 14354 Quality of shallow ground water in Rincon and Mesilla Valleys, N. Mex. and Tex.; J. A. Basler and L. J. Alary. Aug. 1968. 30 leaves il. 4° [Prepared in cooperation with New Mexico State Engineer.] I 19.2: R 47
- 14355 Records of observation wells and water-level fluctuations in Aberdeen-Springfield area, Bingham and Power Counties, Idaho, in 1966; by H. G. Sisco and R. L. Whitehead. Boise, Idaho, June 1967. iii+27+16 leaves, il. 4° (Water Resources Division.) [Open-file report. Prepared in cooperation wiith Idaho Department of Reclamation and Water District 36. Includes list of other reports in this series.] ‡

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I 19.2: W 46/7/966

- 14356 References for well data and water levels in California by Geological Survey [with list of References for well data and water levels]; compiled by J. S. Bader. Menlo Park, Calif., Feb. 12, 1969. 13 p. il. 4° (Water Resources Division.) [Basic-data compilation. Prepared in cooperation with California Department of Water Resources.] ‡ I 19.2: W 46/9
- 14357 Selection of metal components for long-term development of Egypt's corrosive ground waters [with list of references]; by Frank E. Clarke. July 1964. iv+39 p. il. 4° [Prepared in cooperation with Egyptian General Desert Organization under auspices of Agency for International Development, Mission to United Arab Republic. Open file report.] ‡ I 19.2: Eg 9
- 14358 Some hydrologic effects of Canal 111 near Homestead, Fla. [with list of references]; by Harry H. Barnes, jr., Frederick W. Meyer, and James H. Hartwell. Tallahassee, Fla., 1968. cover title, 17 leaves, il. 4° [Prepared by United States Geological Survey in cooperation with National Park Service and Corps of Engineers.] ‡ 119.2; H 75
- 14359 Test wells in Post Area, White Sands Missile Range, Dona Ana County, N. Mex. [with list of references cited]; by Gene C. Doty. June 1968. 50 leaves, il. 16 pl. in pocket, 4° (Water Resources Division.) [Prepared in cooperation with U.S. Army, White Sands Missile Range, N. Mex. Open-file report.] ‡ I 19.2: W 58/2
- 14360 U.S. Geological Survey tracer study, Amargosa Desert, Nye County, Nev.: pt. 1, Exploratory drilling, tracer well construction and testing, and preliminary findings [with list of references]; by Richard H. Johnston. 1968. [1]+iv+64 p. il. 4° [Prepared in cooperation with Atomic Energy Commission. Open-file report.] † I 19.2: Am 1/2/pt.1
- 14361 Utah basic-data release no. 16, Selected hydrologic data, Southern Utah and Goshen Valleys, Utah; by R. M. Cordova. 1969. iii+35 p. ii. 1 pl. in pocket 4° [Prepared in cooperation with Utah Department of Natural Resources, Division of Water Rights, Salt Lake City, Utah. Text on p. 2 of cover.] ‡ I 19.2: Ut 1/no.16
- 14362 Water resources data for Florida, 1966: pt. 1, Surface water records, v. 2, Streams-southern Florida, Lake Okeechobee and Everglades. [1968.] cover title, viii+226 p. il. 4° ([Water Resources Division.]) [Prepared in cooperation with State of Florida and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, P.O. Box 2315, Tallahassee, FL 32304
 L.C. card 67-65945
- 14363 Water resources data for Florida, 1967: pt. 1, Surface water records, v. 1, streams, northern and central Florida. [1968.] xi+299 p. il. 4° [Prepared in cooperation with State of Florida and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, P.O. Box 2315, Tallahassee, FL 32304

 L.C. card 67-65945

 I 19.53/2: F 66/967/pt.1/v.1
- 14364 Water resources data for Florida, 1967: pt. 1, Surface water records, v. 3, Lakes. [1968.] cover title, ix+144 p. il. 4° ([Water Resources Division.]) [Prepared in cooperation with State of Florida and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, P.O. Box 2315, Tallahassee, FL 32304
 L.C. card 67-65945
 I 19.53/2: F 66/967/pt.1/v.3
- 14365 Water resources data for Florida, 1967: pt. 2, Water quality records. [1968.] vii+313 p. il. 4° [Prepared in cooperation with State of Florida and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, P.O. Box 2315, Tallahassee, FL 32304 L.C. card 67-65945 I 19.53/2: F 66/967/pt.2

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- 14366 Water resources data for Montana, 1968: pt. 1, Surface water records. [1968.] cover title, ix+271 p. il. 1 map. 4° ([Water Resources Division.]) [Prepared in cooperation with State of Montana and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 421 Federal Building, Helena, MT 59601 L.C. card 68-60744 I 19.53/2: M 76/968/pt.1
- 14367 Water resources data for Nebraska, 1968: pt. 1, Surface water records. [1969] x+224 p. 2 maps 4° (Water Resources Division.) [Prepared in cooperation with Nebraska Department of Water Resources and wiith other State and Federal agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, Room 127 Nebraska Hall, 801 North 17th Street, Lincoln, NB 68508 L.C. card 68-60775 I 19.53/2: N 27/968/pt.1
- 14368 Water resources data for New Jersey, 1968: pt. 1, Surface water records. [1969.] x+143 p. il. 4° (Water Resources Division.) [Prepared in cooperation with State of New Jersey and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 420 Federal Building, P.O. Box 1238, Trenton, NJ 08607 L.C. card 70-603649 I 19.53/2: N 42 j/968/pt.1
- 14369 Water resources data for New Mexico, 1968; pt. 1, Surface water records. [1969.] cover title, ix+271 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/968/pt.1
- 14370 Water resources data for North Dakota, 1968: pt. 1, Surface water records. [1969.] cover title, ix+172 p. il. 4° ([Water Resources Division.]) [Prepared in cooperation with State of North Dakota and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, Room 348, Federal Building, Bismarck, ND 58501 L.C. card 68-60777 I 19.53/2: N 81 d/968/pt.1
- Water supply papers. Item 625 14371
- 14372
- 14373
- 14374
- Vater supply papers. Item 625

 I 19.13:(nos.)

 1535-O. Water load of uranium, radium, and gross beta activity at selected garing stations, water year 1960-61 [with list of references cited]; by E. C. Mallory, jr., J. O. Johnson, and R. C. Scott. 1969. iii+31 p. ii. Geochemistry of water.] Paper, 65c.

 Feasibility study of use of acoustic velocity meter for measurement of net outflow from Sacramento-San Joaquin delta in Calif. [with list of references cited]; by Winchell Smith. 1969. vi+54 p. ii. [Prepared in cooperation with California Department of Water Resources and Army Corps of Engineers.] Paper, 40c.

 1879-E. Variations in low-water streambed elevations at selected stream-gaging stations in northwestern California; by John J. Hickey. 1969. iii+33 p. ii. 1 pl. in pocket. [Prepared in cooperation with California Department of Water Resources. Contributions to hydrology of United States.] Paper, 66c.

 1879-H. Water quality and discharge of streams in Lehigh River basin, Pa. [with list of references]: by Edward F. McCarren and Water B. Keighton. 1969. iv+48+[3] p. ii. [Prepared in cooperation with Commonwealth of Pennsylvania Department of Forests and Waters. Contributions to hydrology of United States, Includes title page and contents of water-supply paper 1879.] Paper, 35c.

 Surface-water supply of United States, 1961-65, pt. 6, Missouri River basin, v. 4, Missouri River basin below Nebraska City, Nebr. 1969. ix+895 p. ii. 1 pl. in pocket. [Prepared in cooperation with States of Colorado, Lewa, Kansas, Missouri and Nebraska, and with other agencies.] Paper, \$3.75.

 L.C. card 46-40712

 Quality of surface waters of United States, 1964: pts. 5 and 6, Hudson 14375
- C. C. card 46-40712

 Quality of surface waters of United States, 1964: pts. 5 and 6, Hudson Bay and upper Mississippi River basins and Missouri River basin [with list of literature cited.] 1969. xi+462 p. il. [Prepared in cooperation with States of Colorado, Illinois, Iowa. Kansas, Missouri, Minnesota, Montana, Nebraska, South Dakota, Wisconsin, and Wyoming, and with other agencies.] Paper, \$2.00. 14376 1956.

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

Water supply papers-Continued

Ground-water levels in United States. 1962-66, north-central States; prepared under direction of C. L. McGuinness. 1969, v+117 p. ii. Prepared in cooperation with States of Iowa, Kansas, Minnesota, Other agencies. Paper, 55c. L.C. card GS 60-161 14377

HEALTH, EDUCATION, AND WELFARE DEPARTMENT Washington, DC 20201

- 14378 Bibliography on early childhood. July 30, 1969. [1] +16+[1] p. 4° of Child Development, Project Head Start.) † • Item 444-B L.C. card 74-603693 FS 1.18: C 43
- 14379 Career development, selected references; compiled by Dorothy M. Jones and Laura A. Miles. [2d edition], revised Aug. 1968. 1968. cover title. [6]+34 p. 4° (Division of Career Development.) ‡ FS 1.18: C 18/968
- 14380 Personnel qualifications for Medicare personnel. Dec. 1968. [1]+4 leaves +[3]+66 p. 4" ‡ FS 1.2: M 46/7
- 14381 Role of public welfare in housing, report to House Committee on Ways and Means and Senate Committee on Finance. Jan. 1969. cover title, [32] p. il. 4° • Item 445 L.C. card 75-603558

HOUSING AND URBAN DEVELOPMENT DEPARTMENT Washington, DC 20410

- 14382 Address by William B. Ross, Acting Assistant Secretary for Mortgage Credit, U.S. Department of Housing and Urban Development, and Acting Commissioner, Federal Housing Administration, before annual convention of National Association of Real Estate Brokers, Inc., St. Louis, Mo., Aug. 19, 1969. [1]+13 p. 4° †
- 14383 Address prepared for delivery by Floyd H. Hyde, Assistant Secretary for Model Cities and Governmental Relations, Department of Housing and Urban Development, [to] Texas State Governor's Conference on Model Cities Program, Austin, Tex., Aug. 28, 1969. [1] +7 p. 4° † HH 1.7: H 99/2
- 14384 Address prepared for delivery by Samuel J. Simmons, Assistant Secretary for Equal Opportunity, Department of Housing and Urban Development before National Association of Real Estate Brokers, St. Louis, Mo., Aug. 18, 1969. [1] +14 p. 4° † HH 17: Si 4
- 14385 Balanced programs for balanced budgets, address by Marie C. McGuire, Assistant for Problems of Elderly and Handicapped, at Michigan Nursing Home Association Convention, Detroit, Mich. June 2, 1969. [1969.] [1]+18 leaves, 4° † HH 1.7: M 17/12

HUD handbook.

14386 RHA 7100.1. Workable program for community improvement. Oct. 1968 [1969.]

[41] p. 4° [Issued with perforations. Includes transmittal notices 1 and 2.] † • Item 582-E

HH 1.6/6: RHA 7100.1/rep.

IP (series). • Item 582-G

HH 1.27: (nos.) 14387 14388

Home mortgage insurance. [June 1969.] [3] +14 [1] p. narrow 8° † Dealer and contractor guide to property improvement loans. [June 1969.] [10] p. narrow 8° * Paper, 10c. 14389

108. Nonproit sponsors of housing for lower income families. [June 1969.] [10]
p. narrow 8° †

14390 116. Nonmetropolitan district planning assistance. [June 1969.] [8] p. narrow

14391 118. What is relocation all about. [June 1969.] [8] p. narrow 8° † 127. Neighborhood facilities program. [June 1969.] [7] p. narrow 8° † 14392

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HH 1.28:(nos.) MP-(series).

178. Programs of HUD. June 1969. iii+89 p. ‡
192. Directory of urban transportation research and planning projects, financed by U.S. Department of Housing and Urban Development, HUD [1969.] cover title, [9]+45 p. 4° ([Office of Urban Transportation Planning and Liaison, Division of Systems Research and Development.]) *Paper, 55c.
104. Comparison of 2 techniques for obtaining housing vacancy and turnover data, [June 1969.] cover title, [2]+22+[26] p. 4° ([Contract H-819.]) [Published in cooperation with Center for Real Estate and Urban Economics at University of California, Berkeley.] †
107. Cost and time associated with new multifamily housing construction in New York City. 1969. cover title, [1]+vii+86 p. il. 4° (Office of Urban Technology and Research.) † Item 582-H 14393 14394

14395

14397 State laws enacted in 1968 of interest to Department of Housing and Urban Development, as reported by Commerce Clearing House and other unofficial sources. July 1969. cover title, [1]+122 p. (Office of General HH 1.5: St 2/2 Counsel.) • Item 583

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

14398 Supplemental index 1 to v. 12 of Administrative decisions under immigration and nationality laws of United States [for Interim decisions nos. 1901-1966 covering period Aug. 11, 1967-May 1, 1969.] [July 1, 1969.] J 21.11/3: 12/ind.1 [1]+6 p. * Paper, 10.

INDIAN AFFAIRS BUREAU, Interior Dept. Washington, DC 20240

14399 Adult vocational training, approved courses. [Nov. 30, 1968.] cover title, [2]+133 leaves, il. oblong 8° ‡ I 20.2: V 85

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.

14400 Decisions of Department of Interior, Jan.-Dec. 1968; edited by Vera E. Burgin, Mildred B. Harper. 1969. v. 75, lxvii+475 p. * Cloth, \$3.50. • Item 602

L.C card 7-23651 I 1.69:75

14401 Guide to Department of Interior research and development contracts and grants. [1968.] 8 p. il. 4°, folded into narrow 8° size. (Office of Science Adviser, Office of Secretary.) ‡ I 1.77/2: R 31

Native American arts (series).

- Graphic arts of Alaskan Eskimo; [by Dorothy Jean Ray]. [1969.] 88 p. il. 4° (Indian Arts and Crafts Board.) * Paper, \$1.00.
 Item 603-E
 L.C. card 72-603663 14402
 - [Saline water] research and development progress reports. (Office of Saline Water.) • Item 604-A-1 I 1.88: (nos.)
- 14403
- 309. Continuous counter-current ion exchange removal of calcium from sea water to prevent scaling of distillation equipment, by Chemical Separations Corp, Oak Ridge, Tenn, Nov. 1967 [errata]. [1969.] 1 p. 4° † 450. Report on sea water desalination analytical procedures [with list of references]; by John R. Newton, and M. E. Atkins, Office of Saline Water, Wrightsville Beach Test Facility. May 1969. ix+[1]+133 p. il. 4° 14404
- 14405
- Wrightsville Beach Test Facility. May 1969. ix+[1]+133 p. ll. 4°
 *Paper, \$1.25.

 452. Research on plezodialysis; by F. B. Leitz, S. S. Alexander, and A. S. Douglas, Ionics Incorporated, Watertown, Mass. July 1969. iii+147 p. il. 4°
 (Contract 14-01-0001-611.) *Paper, \$1.25.
 L.C. card 79-603662

 453. Test of 10,000 GPD reverse osmosis (spiral module) pilot plant, San Diego, Calif. [with list of references]; by R. G. Sudak, Gulf General Atomic Incorporated, San Diego, Calif. [1969.] iv+39 p. il. 4° (Contract 14-01-0001-1204.) *Paper, 50c.

 454. Disposal of brine effluents from inland desalting plants, review and bibliography; [by] G. W. DePuy. July 1969. iv+211 p. il. 4° (Contract 14-01-0001-1306, work order 3.) *Paper, \$1.75.
 L.C. card 73-603666 14406
- 14407 L.C. card 73-603666

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- 14408 Sea water conversion, Wrightsville Beach Test Facility, Wrightsville Beach, N.C. [1969.] [8] p. il. (Office of Saline Water.) † • Item 604-A I 1.87: W 93/969
- 14409 Transmission study 190, Steering Committee report, Feb. 1968. [1968.] cover title, [144] p. il. 4° (Reclamation Bureau, Bonneville Power Administration, Southwestern Power Administration.) ‡ I1.2: T68

INTERNAL REVENUE SERVICE, Treasury Dept. Washington, DC 20224

- 14410 Description of available forms relating to Alcohol, Tobacco and Firearms Division activities. May 1969. cover title, [2]+17 p. il. 4° (Publication T 22.2: Al 1/4/969 480 (Rev. 5-69).) * Paper, 30c. • Item 956
- 14411 Highlights of 1968 changes in tax law. [1968.] 4 p. 4° (Publication 553 (10-68).) * Paper, \$2.00 per 100; single copy, 5c. T 22.44/2:553
- 14412 Income tax deduction for taxes. [1968.] 7 p. 4° (Publication 546 (10-68).) • Paper, \$6.00 per 100; single copy, 10c. T 22.44/2:546
- 14413 Index-digest supplement system: Service 4, Excise taxes, supp. 1, Jan.-June 1969. [1969.] 9 p. 4° (Publication 644.) * Paper, \$1.50 (including basic volume and supplementary material for an indefinite period); 50c • Item 960 T 22.25/8: 965-68/supp.1 additional for foreign mailing.
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- 14416 Statistics of income, 1967, preliminary: Business income tax returns [with accounting periods ended mainly Dec. 1967]. [1969.] [2]+ii+34 p. il. 4° (Publication 453 (7-69).) * Paper, 35c. • Item 964 T 22.35/3: B 96/967
- 14417 Tax information on deduction for bad debts. [1968.] 8 p. 4° (Publication 548 (10-68).) * Paper, \$6.00 per 100; single copy, 10c. T 22.44/2:548

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- 14421
- [Annual.] 69-92. Canada. Sept. 3, 1969. 10 p. il. 4° (American Embassy, Ottawa.) [Semiannual.] 69-94. Belgium. Sept. 5, 1969. 8 p. 4° [Semiannual.] 14422
- 14423
- 14424 Foreign products available for production in United States under licensee agreements. Aug. 1, 1969. 13 p. 4° (USCOMM-DC.) ‡ C42.2: F 76/5

INTERNATIONAL DEVELOPMENT AGENCY, State Dept. Washington, DC 20523

- 14425 Rural income and expenditure sample survey of Vietnam, initial report; by Robert H. Stroup. July 1967. [396] p. il. 4° (AID/fe-257.) [Some pages are issued as leaves.] 1 L.C. card 79-603532 S 18.2: V 67/6
- 14428 U.S. foreign aid and Alliance for progress, proposed fiscal year 1970 program. [1969.] [1]+77 p. [Excerpt from Agency's program presentation to Congress outlining President's foreign aid request for fy 1970. [Text and map on p. 1-3 of cover.] ‡ S 18.28/a: Al 55

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- 14427 U.S. foreign aid in Africa, proposed fiscal year 1970 program. [1969.] cover title, 52 p. [Excerpt from Agency's program presentation to Congress outlining President's foreign aid request for fy 1970. Text and map on p. 1-3 of cover.] ‡ S 18.28/a: Af 83
- 14428 U.S. foreign aid in east Asia; proposed fiscal year 1970 program. [1969.] S 18.28/a: Ea 7a cover title, 39 p. [Text on p. 2-3 of cover.] ‡
- 14429 U.S. foreign aid in Near East and South Asia, proposed fiscal year 1970 program. [1969.] cover title, 32 p. [Excerpt from Agency's program presentation to Congress outlining President's foreign aid request for fy 1970. Text and map on p. 2-3 of cover.] ‡ S 18.28/a: N 27

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14430 Decisions of Interstate Commerce Commission, Apr.-Sept. 1966 (number of older cases included). 1969. xvii+802 p. il. (Interstate Commerce Commission reports, v. 102, Motor carrier cases.) * Cloth, \$5.25. • Item IC 1 mot.8: 102 L.C. card 8-30656

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 36. Member of Congress, appointment to civil office prior to pay increase; Jan. 3, 1969. [1969.] 3 p. * Paper, 10c. 14432
- 14433
- 14434 Report of Attorney General to Congress of United States on administration of Foreign agents registration act of 1938, as amended, for calendar year 1968. [1968.] cover title, [1]+197 p. 4° * Paper, \$1.50. ● Item 719-C J 1.30:968 L.C. card 45-36591

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- 14435 ESARS handbook. Sept. 1969. cover title, [2]+163 p. 4° (Manpower Administration.) † 6 Item 745-A L1.7/2: Es1
- 14436 Guidelines for submission of applications for manpower research institutional grants under Manpower development and training act of 1962, as amended. [1969.] 12+10+[1]+6 p. 4° (Manpower Administration.) • Item 745-A L 1.7/2: M 31/3
- 14437 Labor Day, how it came about, what it means. [1969.] [5] p. narrow 8° † L 1.2: L 11/10/969
- 14438 Labor statistics for national decision making, address by Secretary of Labor George P. Shultz to American Statistical Association, Aug. 19, 1969, New York, N.Y. [1969.] 18 p. 4°
- 14439 Manpower research institutional grant program, first three years, 1966-69; [prepared by Linda Buss]. [1969.] [3]+43 p. 4° (Manpower Administration; [Office of Manpower Research].) † • Item 745 L.C. card 70-603673 L 1.2: M 31/43/966-69
- 14440 Manpower technical exchange. (Manpower Administration.) [Biweekly.] L 1.39/10:(date) Aug. 15, 1969-

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MDTA experimental and demonstration findings.

- 4. Job development for hard-to-employ; [by ouis Ferman]. June 1968. [1] + iv + 119 p. 4° (Manpower Administration.) [Contract 82-24-68-20; Institute of Labor and Industrial Relations, University of Michigan-Wayne State University.] † Item 746-M L 1.56:4 14441 University.]
- 14442 Work incentive program, from welfare to wages. [July 1969 (revised).]
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- Bulletins. • Item 768 L 2.3: (nos.) 1425-10. Major collective bargaining agreements: Plant movement, transfer, and relocation allowances; [prepared by staff of Division of Industrial Relations, Office of Wages and Industrial Relations]. July 1969, vi+116 p. 4° [Includes list of available Bulletins of 1425 series on major collective bargaining agreements.] * Paper, \$1.25. 14451 vi+116 p. 4° [Includes list of available B on major collective bargaining agreements.] L.C. card L 65-11 rea wage survey: Richmond, Va., metropol
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 Industry wage survey: Iron and steel foundries, Nov. 1967 [prepared by Robert G. Bryan]. June 1969. vi+84+[2] p. 4° * Paper, \$1.00.
 L.C. card L 64-45

 Employee compensation in private nonfarm economy, 1966: Interpared by Loc. cared L 628. 14457
- Employee compensation in private nonfarm economy, 1966; [prepared by John Litsas]. June 1969. vi+54 p. 4° * Paper, 60c. L.C. card 76-603593 14458
- Summaries of manpower surveys and reports for developing countries, 1958-68 (with list of selected readings; prepared by Evelyn R. Kayl. June 1969, viii + 231 p. 4° * Paper, \$1.75.

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- Handbook of labor statistics 1969 [compiled in Office of Publications].
 July 1969. xi+407 p. 4° * Paper, \$3.75.
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- Planning and administrative personnel in local government, pilot study. June 1969. [1969.] [38] p. 4° * Paper, 45c. L.C. card 76-603455 14461 1631.

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- 14462 Changing patterns of costs and structure in health sector, [address] by Herbert Bienstock, Regional Director, Department of Labor, Bureau of Labor Statistics, 341 9th Ave., New York, N.Y., before New York Academy of Sciences, New York, N.Y., Mar. 28, 1969. [1969.] 15 leaves, 4°
- 14463 Labor conditions and labor organizations in Turkey. [Aug. 1969.] [1]+11 p. il. 4° [Issued with perforations.] † L 2.72/4: T 84

Monthly labor review reprints.

2632. Raising construction costs and anti-inflation policies, report on Western Europe; [by] E. Jay Howenstine. [1969.] 3-10 p. 4° [From June 1969 issue.] † L2.6/a: 2632 14464

North central regional reports. ‡ L 2.71/4: (nos.)

- 14465
- 6. Union contract expirations in north central region, July 1969-70; [prepared by George P. Hunt]. [1969.] cover title, [1] + 62 p. 4°
 7. Occupational trends in sanitary services, warehouses, and stockrooms of northern Illinois [with list of references]. [July 1969.] cover title, [3] leaves+28 p. il. 4° 14466
- 14467 Occupational earnings and wage trends in metropolitan areas, 1968-69, July 1969. 10 p. 4° (No. 2 of 3 (30 areas).) † L 2.86: 968-69/no.2

Regional reports. (Middle Atlantic Regional Office.)

- 12. Charting New York City economy; graphic summary of recent trends, May 1969, cover title, [3] +28 p. il. oblong 8° ‡ L. 14468
- 14469 [This entry number not used.]
- 14470 Some aspects of changing patterns of work and workers in new urban environment. [1969.] [1]+29 p. il. 4° (Middle Atlantic Region.) L 2.92: W 89
- 14471 Some background material relating to food prices and living costs. May 1969. [1]+8 p. il. 4° [Prepared for presentation before hearings at New York City Department of Consumer Affairs, May 26, 1969.] L 2.92: F 73
- 14472 Some facts relating to dimension of urban poverty. Apr. 1969. [1]+11 p. il. 4° (Middle Atlantic Region.) L 2.92: P 86
- 14473 Some facts relating to economic climate for collective bargaining, for presentation by Alan E. Gould, Community Services Coordinator, Seminar on Emerging characteristics of collective bargaining, 1969, sponsored by Fairleigh Dickinson University, College of Business Administration and Federal Mediation and Concilation Service, Madison Campus, N.J., Apr. 10, 1969. [1969.] [1]+23 p. il. 4° (Middle Atlantic Region.) ‡ L 2.92: C 68
- 14474 Some facts relating to employment, unemployment, and living conditions in New York [charts and tables]. New York, N.Y. June 1969. [6] p. il. narrow large 8° ‡ L 2.92; N 42 y/3/969-2 narrow large 8°
- 14475 Some facts relating to job situation in New York [charts and tables], Dec. 18, 1967. [1968.] [1]+29 p. il. 4° (Middle Atlantic Regional L 2.92: N 42 y/967 Office.)
- 14476 Some facts relating to job situation in New York [charts and tables], for presentation by Samuel M. Ehrenhalt, Assistant Regional Directors, at South Bronx Community Corporation, Bronx, N.Y., Apr. 4, 1968. [1968.] [1]+31 p. il. 4° (Middle Atlantic Regional Office.) ‡ L 2.92: N 42 y/968-2
- 14477 Some facts relating to job trends in New York City [charts and tables], for presentation by Samuel M. Ehrenhalt, Assistant Regional Director, at Cornell University, New York State School of Industrial and Labor Relations, New York, N.Y., Mar. 12, 1968. [1968.] [1]+31 p. il. 4° (Middle Atlantic Region.) ‡ L 2.92: N 42 y/4
- 14478 Some facts relating to occupational outlook in late 1960's. Mar. 1968. [6] p. narrow 4° il. (Middle Atlantic Region.) † Bureau of Labor Statistics, L 2.92: Oc 1 341 Ninth Ave., New York, N.Y. 10001

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- 14479 Some facts relating to the Puerto Rican and labor market [charts and tables]. May 1968. [1]+20 p. il. 4° (Middle Atlantic Region.) ‡ L 2.92: P 96
- 14480 U.S. Department of State living quarters allowances. [1969.] 7 p. 4° [From Labor development abroad, May 1969.] L 2.32/2 a: L 76/2/969
- 14481 Wage trends for occupational groups in metropolitan areas, Aug. 1967-L 2.86/2:967-68-2 Aug. 1968. Aug. 1969. 4 p. 4° †

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- 14482 Classification, class K, subclass KF, Law of United States; [prepared by Werner B. Ellinger, with assistance of John Fischer]. Preliminary edition. 1969. xii+333 p. large 8° (Processing Department, Subject Cataloging Division.) † Paper, \$5.00, Card Division, Library of Congress, Building 159, Navy Yard Annex, Washington, D.C. 20541 • Item 819 LC 26.9: KF L.C. card 69-60005
- 14483 Ghana, guide to official publications, 1872-1968; compiled by Julian W. Witherell and Sharon B. Lockwood. 1969. xi+110 p. 4° (General Reference and Bibliography Division, Reference Department.) * Paper, \$1.25. • Item 806-B L.C. card 74-601680 LC 2.8: G 34/872-968

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Fleet Marine Force manual FMFM (series).

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- 14485 Containerships under construction and on order (including conversions) in United States and foreign shipyards, oceangoing ships of 1,000 gross tons and over as of June 30, 1968. Nov. 20, 1968. [1]+8+[1] leaves, 4° (Office of Maritime Promotion, Division of Trade Studies.) C 39.231: 968
- 14486 Containerships under construction and on order (including conversions) in United States and foreign shipyards, oceangoing ships of 1,000 gross tons and over as of Dec. 31, 1968. June 12, 1969. [21] leaves, oblong 8° (Office of Government Aid, I ivision of Trade Studies.) C 39.231: 968-2

MA SP (series). † C 39.210/2:(nos.)

- 14487
- 69-12. Remarks by A. E. Gibson, Maritime Administrator, Department of Commerce, at Maritime Administration Research and Development Conference, Washington, D.C., Sept. 10, 1969, 1969, 3 p. 4°
 69-13. Partners in the future, ships and ports, remarks by A. E. Gibson, Maritime Administrator, Department of Commerce, before Pacific Coast Assn. of Port Authorities at Honolulu, Hawnii, Sept. 22, 1969, 1969, 10 p. 4° ([US-COMM-DC 43184.]) 14488
- 14489 Oceangoing foreign flag merchant type ships of 1,000 gross tons and over owned by United States parent companies as of Dec. 31, 1967; prepared by Office of Maritime Promotion, Division of Trade Studies. [1968.] [2]+34 leaves, 4° (Report MAR-560-22.)
- 14490 Oceangoing foreign flag merchant type ships of 1,000 gross tons and over owned by United States parent companies as of June 30, 1968; prepared by Office of Maritime Promotion, Division of Trade Studies. [1969.] 35 leaves, 4° (Report MAR-560-22.) ‡ C 39.230: 968

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- 14491 Oceangoing merchant ships of 1,000 gross tons and over, lost and scrapped during calendar year 1967 (excludes vessels operating exclusively on Great Lakes and Inland waterways and special types such as channel ships, icebreakers, cable ships, etc., and merchant ships owned by any military force); prepared by Office of Maritime Promotion, Division of Trade Studies. Revised July 18, 1968. [1968.] [1]+vi+22 leaves, 4° (Report MAR-560-23.) L.C. card 70-600595
- 14492 Oceangoing merchant ships of 1,000 gross tons and over, lost and scrapped during calendar year 1968 (excludes vessels operating exclusively on Great Lakes and Inland Waterways and special types such as channel ships, icebreakers, cable ships, etc., and merchant ships owned by and military force); prepared by Office of Government Aid, Division of Trade Studies. June 6, 1969. [1]+viii+22 leaves, 4° (Report MAR-560-23.) L.C. card 70-600595 C 39.229: 968
- 14493 United States flag containerships and United States flag ships with partial capacities for containers and/or vehicles [as of Dec. 31, 1968]; prepared by Office of Government Aid, Division of Trade Studies. Apr. 25, 1969. [1]+8 leaves, oblong 8° ± C 39.232: 968-2
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- 1019. Stability of Edwards personal preference schedule need scale scores and profiles over 7-week interval [with list of references; by] Lawrence K. Waters. Oct. 18, 1967. [1]+ii+5+2+[1] p. ii. 4° ([Project] MF 022.01.02-5001.55.) [Abstract cards attached.] 14495
- 022.01.02-5001.55.) [Abstract cards attached.]

 1032. Repeated or continual measurements of cardiac output in squirrel monkey (Saimiri sclureus) by thermodilution [with list of references; by Hassan H. Khalil, Mar. 8, 1968. [1] + ii + 18 + 2 + [1] p. il. 4° ([Project] MR 011.01.4.) [Abstract cards attached.]

 1035. Simple method for percutaneous introduction of cardiac catheters [with list of references; by] Hassan H. Khalil. Mar. 29, 1968. ii + 4 + 2 + [2] p. il. 4° ([Project] MR011.01.5) [Abstract cards attached.]

 1037. Relationship of Naval aviator's speech discrimination test to pure tone audiogram [with list of references; by] James W. Greene. Apr. 9, 1968. ii + 12 + [6] p. il. 4° ([Project] MF022.03.02-5021.2; NASC A34-531-061/5611/F022-01-03.) [Abstract cards attached.]

 1038. Expansion of Naval flight officer student prediction system [with one reference; by] Richard F. Booth and Floyd E. Peterson. May 20, 1968. ii + 5 + 2 + [2] p. 4° ([Project] MF022.01.02-5002.10.) [Abstract cards attached.] 14496
- 14497
- 14498
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 1039. Optimal weighting of course grades for 2 naval air training schoools [with list of references; by] Richard F. Booth. May 3, 1968. ii+13+2+[2] p. 4° ([Project] MF022.01.02-5009.1.) [Abstract cards attached.]

 1045. Sixty-minute vigilance task with 100 scoreable responses [with list of references; by] Robert S. Kennedy. July 16, 1968. ii+10+[2] p. ii. 4° ([Project] MF 12.524.002-5002.11.) [Abstract cards attached.]

 1047. Development of avlation combat criterion, preliminary report [with list of references; by] George M. Rickus, jr., and James R. Berkshire. Aug. 6, 1968. ii+6+2+[2] p. 4° ([Project M4305.09-3002.1.) [Abstract cards attached.] 14502
- 1049. Manikin measurements of noise attenuation provided by flight helmets; [by] John R. Forstall. Aug. 23, 1968. ii+17+2+[2] p. ii. 4° ([Project] MF 12.524.005-5020.i; NASC A34-531-561/69F12524402.) [Abstract cards attached.] 14503
 - Naval Medical Field Research Laboratory, Camp Lejeune N.C.: [Reports]. ‡ D 206.19: (nos.)
- v. 18, no. 3. Serum enzyme changes after physical exertion [with list of references; by] I. Dodd Wilson. Mar. 1968. v+13+[4] p. 4° (Work 14504 unit MR005.04-0082.1.)

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14505	v. 18, no. 6.	Physical fitness test standards for women marines [with list of references]; by Ann Jewett. June 1968. v+8+[4] p. 4° (Work
14506	v. 18, no. 7.	unit MW022.01.04-8003.5.) Evaluation of physical training platoon, Officer candidate schools, Quantico, Va., report 1 [with list of references]; by Philip J. Rasch July 1968. v+12+[4] p. 4° (Work unit MF12.524.004-8002.7.)
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14508	v. 18, no. 10.	Serum uric acid levels and leadership in Marine Corps [with list of references]; by Phillip J. Rasch [and others]. July 1968. v+10+[4] p. 4° (Work unit MF12.524.004-8002.8.)
14509	v. 18, no. 11.	Proceedings of Conference on military importance of Mediterranean Snail complex, Host, Entomology Division, Oct. 10-12, 1967. July 1968. vi+96+7+[6] p. 4° (Work unit MF12.524.009-8010.1.)
14510	v. 18, no. 14.	Effect of selected soft drink mixes on germicidal properties of iodine tablets [with list of references; by] Ned S. Hurst and James S. Bird. Aug. 1968. v+15+[4] p. 4° (MF12.524.007-8007.1.)
14511	v. 18, no. 15.	Nongonococcal urethritis associated with T strains of mycoplasma

v. 18, no. 15. Nongonococcal urcthritis associated with T strains of mycoplasma [with list of references; by] Maurice C. Shepard. Sept. 1968. v+17+[4] p. 4° (Work unit MF12.524.0009.8003.12.)
v. 18, no. 16. Body armor in hot humid environment: pt. 1, Studies in unacclimatized men [with list of references]; by W. E. Yarger, L. H. Cronau, jr., and R. F. Goldman. Sept. 1968. v+12+[4] p. 4° (Work unit MF12.524.007-8008.1.) 14512 14513 v. 19. no. 2.

(Work unit MF12.524.007-8008.1.)

Development of NMFRL telemetry system, 2d report [with list of references]; by Wade G. Holcomb and Philip J. Rasch. Jan. 1969. v+14+[4] p. 11. 4° (Work unit MF12.524.004-8002.)

Reevaluation of physical fitness test [with list of references]; by Philip J. Rasch. Feb. 1969. v+20+[3] p. 4° (Work unit MF12.524.004-8002.9.) 14514 v. 19, no. 5.

U.S. Naval Submarine Medical Center, Submarine Base, Groton, Conn.: Reports. D 206.10:(nos.)

574. Speech intelligibility in stationary multipath channel [with list of references]; by Murray B. Sachs [and others]. [1969.] ill+6+2 p. il. 4° (Bureau of Medicine and Surgery research work unit MF12.524.004-9011D.03 and NavShips Systems Command task 5-23-18-08622 (USL-9-A-611-03-00).) [Joint report by personnel of Naval Underwater Sound Laboratory and Naval Submarine Medical Center.] 14515

577. Self-preparation stannous fluoride prophylactic technique in preventive dentistry, report after 2 years [with list of references]; by Francis P. Scola, Apr. 18, 1969. cover title, iii+5+2 p. ii. 4° (Research work unit MR005.19-6027.02.) [This report has been designated Submarine Medical Research Laboratory report 577.] 14516

14517

582. TRIC Agent urethritis, report of serological fluorescent antibody and associated findings [with bibliography]; by T. S. Kent. May 21, 1969. cover title, vii+22+2 p, 4° (Project MF099.01.01.01.)

583. Step Test of motivation to excell [with list of references]; by Jimmie II. Johnson. May 26, 1969. cover title, 421-424+2 p. 4° (Research work unit MF12.524.003-9007.01.) [Reprinted from Aerospace medicine, v. 40, 14518 no. 4, Apr. 1969. Text on p. 2 of cover.]

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USMA library bulletins. D 109.10: (nos.)

7. Bibliography of military history, selected, annotated listing of references sources in United State Military Academy Library; compiled by J. Thomas Russell, 1969. [1] + xvii + 57 p. 14519

8. Landmarks in science, great rare books from USMA library collections, by Edward P. Rich and Marie T. Capps. Spring 1969, [12] p. il. 14520

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- 14521 Asbestos; [by Paul W. Icke.] [1969.] [2]+10 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: As 15/968
- 14522 Barite; [by W. Gene Diamond.] [1969.] [2]+6 p. [Preprint from Minerals yearbook 1968.] * Paper, 10c. I 28.37/a: B 239/968
- 14523 Beryllium; [by Henry C. Meeves]. [1969.] [2]+5 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: B 463/968

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- 14525 Boron; [by J. M. West]. [1969.] [2]+4 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: B 645/968
- 14526 Diatomite; [by Benjamin Petkof]. [1968.] [2]+3 p. [Preprint from Minerals yearbook, 1967.] * Paper, 5c. I 28.37/a: D 543/967
- 14527 Graphite; [by Lewis K. Weaver]. [1969.] [2]+7 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: G 767/968
- 14528 Helium; [by Billy J. Moore.] [1969.] [2]+4 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: H 367/968
 - Information circulars. • Item 637-A I 28.27: (nos.)
- 8418. Statistical analysis of U.S. demand for phosphate rock, potash, and nitrogen [with bibliography]; by Olman Hee. [1969.] iv+55 p. il. 4° * Paper, L.C. card 70-603668 14529
- 14530
- 8422. Mineral resource valuation for public policy; by Donald S. Colby and David B. Brooks. [1969.] [3] + 34 p. 4° * Paper, 45c.

 8423. General computer program for solving nonlinear regression problems; by Jarrell C. Grout. [1969.] [3] + 35 p. il. 4° * Paper, 45c. 14531
- 14532 Kyanite and related minerals; [by James D. Cooper]. [1968.] [2]+4 p. [Preprint from Minerals yearbook, 1967.] * Paper, 5c. I 28.37/a: K 98/967
- 14533 Laramie Petroleum Research Center, welcome. [1969.] cover title, 17 p. il. 4° † I 28.2: L 32
- 14534 Magnesium; [by John W. Cole]. [1969.] [2]+6 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: M 274/2/968
- 14535 Magnesium compounds; [by John W. Cole.] [1969.] [2]+7 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: M 539/968
- 14536 Mercury; [by J. M. West]. [1969.] [2]+9 p. [Preprint from Minerals year-* Paper, 10c. book, 1968.1 I 28.37/a: M 539/968
- 14537 Mineral industry of Bolivia; [by Robert A. Whitman]. [1969.] [2]+6 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a 2: B 638/968
- 14538 Mineral industry of Burma; [by Arnold M. Lansche and K. P. Wang.] [1969.] [2]+4 p. [Preprint from Minerals yearbook, 1968.] * Paper, I 28.37/a 2: B 927/968
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- 14541 Mineral industry of Pakistan; [by Charles L. Kimbell.] [1969.] [2]+7 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a 2: P 17/968
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- 14544 Minor nonmetals; [by Benjamin Petkof.] [1969.] [2]+8 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: N 731/968
- 14545 Molybdenum; [by John L. Morning]. [1969.] [2]+9 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: M 739/968 I 28.37/a: M 739/968
- 14546 Nitrogen; [by John R. Lewis.] [1969.] [2]+13 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: N 638/968

- 14547 Peat; [by Joseph J. Gallagher]. [1969.] [2]+10 p. il. [Preprint from 1 28.37/a: P 329/968 Minerals yearbook, 1968.1 * Paper, 10c.
- 14548 Petroleum refineries in United States and Puerto Rico, Jan. 1, 1969. Aug. 29, 1969. 15 p. il. 4° (Mineral industry surveys; Petroleum refineries, annual.) † Mines Bureau, Pittsburgh, PA 15213 I 28.17/2: 969 I 28.17/2:969
 - I 28.23:(nos.) Report of investigations. • Item 637-A
- 14549
- 14550
- 7283. Materials handling research, hydraulic transportation of coarse solids [with bibliography]; by R. S. Fowkes and G. A. Wancheck. [Aug. 1969.] [2]+ii+36 p. il. 4° † Mines Bureau, Pittsburgh. PA 15213

 7285. Tensile and stress-rupture properties of rolled Pb-Cd-Sb alloys [with list of references]; by M. M. Tilman. [1969.] [3]+11 p. il. 4B † Mines Bureau, Pittsburgh, PA 15213

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- 14555
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- 14557
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 7295. Bureau of Mines coal-fired gas turbine research project, test of combustor and ash separators for open-cycle plant; by Donald C. Strimbeck [and others]. [Sept. 1969.] [3]+12 p. il. 4B † Mines Bureau, Pittsburgh, PA 15213 14558 others]. PA 15213
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- 14560 Salt; [by Benjamin Petkof.] [1969.] [2]+9 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: Sa 37/968
- 14561 Slag-iron and steel; [by John W. Thatcher.] [1969.] [2]+5 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: Sl 1/968
- 14562 Zirconium and hafnium; [by John G. Parker]. [1969.] [2]+7 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: Z 68/968

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

14563 1968 analysis of motor carrier accidents involving vehicle defects or mechanical failure. Aug. 1969. [5] +17 p. 4° † TD 2.312:968

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

Note.—The Narcotics and Dangerous Drugs Bureau was transferred from the Treasury Department to the Justice Department by Reorganization Plan 1 of 1968, effective Apr. 8, 1968.

14564 BNDD bulletin; [Robert J. Funesti, editor]. [Irregular.] † • Item J 24.3: (v.nos.& nos.) 968-B

v. 1, no. 2-Aug. 1969-

NATIONAL ACADEMY OF SCIENCES Washington, DC 20418

14565 Drug efficacy study, report to Commissioner of Food and Drugs, Erratum sheet. [1969.] 1 p. 4° † • Item 475 NA 1.2: D 84/erratum

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- NASA contractor report CR (series). 14567
- 1330. Vaporization and decomposition kinetics of candidate re-entry blackout suppressants in low-pressure flames [with list of references]; by Shelby C. Kurzius and Fredrik H. Raab. Aug. 1969. cover title, x+58 p. il. 4° [Prepared under contract NAS 1-7169 by Aerochem Research Laboratories, Inc., Princeton, N.J. Issued by originator as TP-181.] Paper, 14568
- 14569
- Prepared under contract NAS 1-7169 by Aerochem Research Laboratorles, Inc., Princeton, N.J. Issued by originator as TP-181.] 4 Paper, \$3.00.

 1332. Method for analyzing aeroelastic stability of helicopter rotor in forward fight [with list of references]; by Peter Criml. Aug. 1969. cover title, ill+107 p. fl. 4° [Prepared under contract NAS 1-7411 by Rochester Applied Science Associates, Inc., Rochester, N.Y. Issued by originator as RASA report 68-10.] 4 Paper, \$3.00.

 1339. Aerodynamic effects of bulbous bases [with list of references]; by Lars E. Ericsson and J. Peter Reding, Aug. 1969. cover title, ix+110 p. fl. 4° [Prepared under contract NAS 1-040] by Lockheed Missiles & Space Company, Lockheed Aircraft Corporation, Sunnyvale, Callf. Issued by originator as LMSC report 4-17 erolection, Sunnyvale, Callf. Issued by originator as LMSC report 4-17 erolecting noise attenuation in acoustically treated ducts for tredicting noise attenuation in acoustically treated ducts for under contract NAS 1-7129 by Pratt and whitney Aircraft Division, United Aircraft Corporation, East Hartford, Conn. Issued by originator as report PWA-3488.] 4 Paper, \$3.00.

 1331. Characteristics of thermionic converter with fluoride vapor deposited tungsten emitter etched to perforentially expose 110 crystal planes [with list of references]; by V. C. Wilson and J. Lawrence. Aug. 1969. cover title, Flectric Company, Schenectady, N.Y.] 4 Paper, \$3.00.

 1333. Experimental study of electron transmission and bremsstrahlung production [with lists of references]; by D. H. Rester. Aug. 1969. cover title, V+111 p. 11. 4° [Prepared under contract NAS 3-2511 by General Research and Paper, \$3.00.

 1335. Manipulation errors in finite element analysis of structures [with list of references]; by D. H. Rester. Aug. 1969. cover title, V+111 p. 11. 4° [Prepared under contract NAS 8-21055 by Ling-Prepared under contract NAS 8-21055 by Ling-Prepared under contract NAS 1-0160 by Philo-Ford William S. Beobec. Aug. 1969. cover title, v+1475 p. 14. 4° [Prepared unde 14570
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 1401. Design of Brayton rotating unit on rolling-element bearings; by R. Cohen and J. Clausi. Aug. 1969. cover title, ix + 89 p. il. 4° [Prepared under contract NAS 3-10949 by Pratt & Whitney Alrcraft Division of United Aircraft Corporation, East Hartford, Conn.] & Paper, \$3.00.

 1407. Study of ferromagnetic liquid [with list of references]; by Robert Kaiser and Ronald E. Rosenweig. Aug. 1969. cover title, x + 91 p. il. 4° [Prepared under contract NASW-1581 by Avco Corporation, Lowell, Mass.] L.C. card 70-603282

 1408. Requirements study for hiotechnology laboratory for manual earth orbits. 14579
- 14580
- L.C. card 70-603282

 1408. Requirements study for biotechnology laboratory for manned earth orbiting missions: v. 1, Results, recommendations, and requirements; by L. T. Kail. Aug. 1969. cover title, xiii+160 p. il. 4° [Prepared under contract NAS 7-518 by McDonnell Douglas Corporation, Huntington Beach, Calif. Issued by originator as report DAC 58155.] \$\phi\$ Paper, \$3.00.

 1409. Requirements study for biotechnology laboratory for manned earth orbiting missions: v. 2, Summary of individual experiments requirements; by L. T. Kail. Aug. 1969. cover title, vii+200 p. 4° [Prepared under contract NAS 7-518 by McDonnell Douglas Corporation, Huntington Beach, Calif. Issued by originator as report DAC-58156.] \$\phi\$ Paper, \$3.00. 14581

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- 3049. Computer-aided filter design manual [with bibliography]: Sidney Gussow and Glenn Weathers. 1969. vi+101 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) [Prepared under contract for NASA by Sperry Rand Corporation, Huntsville, Ala.] Φ Paper, \$1.25.

 Item 830-I

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- 14601 NASA special publications, currently available, fall 1969. [1969.] cover title, 48 p. il. [Text on p. 2 of cover.] † NAS 1.9/2: Sp 3/969-2
- NASA technical note TN (series) NAS 1.14: D-(nos.) 14602
- D-4342. Errata 2, Computing program for axial distribution of aerodynamic normal-force characteristics for axisymmetric multistage launch vehicles, by Ragan B. Madden, Mar. 1968. [June 27, 1969.] 1 p. 4° †
 D-5091. FORTRAN program for calculating velocities in magnified region on blade-to-blade stream surface of turbo-machine; by Theodore Katsanis and William D. McNally, Apr. 1969. Errata. [June 6, 1969.] 1 p. 4° †
 D-5166. Infrared spectral irradiance measurements in space environment simulator, John F. Rogers, June 1969, erratum. [July 31, 1969.] [4] p. 11. 14603
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146-	40 D-5398	Red-shift-magnitude relation and observational data [with list of references]; by Windsor L. Sherman. Aug. 1969. cover title, [1]+25 p. il. 4° Φ Paper, \$3.00.
146		FORTRAN program for machine computations of group tables of unite groups [with list of references]; by Gabriel Allen, David D. Evans, and Paul Swigert. Sept. 1969. cover title, ii+41 p. il. 4° \$\phi\$ Paper,
146	42 D-5404	4. Experimental measurements of expanding storable-propellant products simulated by combustion of gaseous reactants [with list of references]; by Robert Friedman, Raymond B. Gaugler, and Erwin A. Lezberg. Sept. 1969. cover title, ii+25 p. il. 4° Paper, \$3.00.

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

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14643	D-5405.	Performance characteristics of 14.3-kilovolt-ampere modified Lundell alternator for 1200 Hertz Brayton-cycle space-power system [with list of references]; by David S. Repas and Richard A. Edkin. Sept. 1969. cover title, ii+25 p. il. 4° \$\Paper\$, \$8.00. Evaluation of volume-ratio system for vacuum gage calibration from 10-4 to tox truth the control of the control
14644	D-5406.	cover title, ii+26 p. il. 4° \$\Paper\$, \$3.00. Evaluation of volume-ratio system for vacuum gage calibration from 10-8 to 10 torr [with list of references]; by Raymond Holanda. Sept. 1969 cover title 11-21 il 48 \$\frac{1}{2}\$ \$
14645	D-5407.	10-8 to 10 torr [with list of references]; by Raymond Holanda. Sept. 1969, cover title, ii+21 p. il. 4° \$\Phi\$ Aper, \$3.00. Computer plotting description of ion-molecule collisions with long-lived capture complexes [with list of references]; by John V. Dugan, jr., and James H. Rice, Sept. 1969, cover title, ii+28 p. il. 4° \$\Phi\$ Aper, \$3.00.
14646	D-5408.	James H. Rice. Sept. 1969. cover title, ii + 28 p. il. 4° \$\phi\$ Paper, \$3.00. Static and dynamic stability derivatives of model of jet transport equipped with external-flow jet-augmented flaps [with list of references]; by Delma C. Freeman, jr., Sue B. Grafton, and Richard
14647	D-5411.	James H. Rice. Sept. 1969. cover title, ii+28 p. il. 4° \$\phi\$ Paper, \$3.00. Static and dynamic stability derivatives of model of jet transport equipped with external-flow jet-augmented flaps [with list of references]; by Delma C. Freeman, jr., Sue B. Grafton, and Richard D'Amato. Sept. 1969. cover title, [1]+50 p. il. 4° \$\phi\$ Paper, \$3.00. Torque and lenkage rates of various lubricated lip seal designs at peripheral velocity of 120 feet per second [with list of references]; by Lawrence P. Ludwig, Thomas N. Strom and Robert L. Johnson. Sept. 1969. cover title, ii+14 p. il. 4° \$\phi\$ Paper, \$3.00.
14648		conditions [with list of references]; by Thomas L. Labus. Sept. 1969. cover title, it +28 p. il. 4° Paper. \$3.00.
14649	D-5420.	Lubricants for inerted lubrication systems in engines for advanced alreraft [with list of references]; by William R. Loomis, Dennis P. Townsend, and Robert L. Johnson. Sept. 1969. cover title, ii+20 p. il. 4° Φ Paper, \$3.00.
	NASA tec	hnical translation TT (series). NAS 1.13/2: F-(nos.)
14650	F-534. M	fechanisms with elastic couplings, dynamics and stability [with list of references]; by A. Ye. Kobrinskiy, June 1969, cover title, vii+[2]+306, p. il. 4° [Translation of Mekhanizmy's Unrugini Syvazzmi Ding.
14651	F-537. T	fechanisms with elastic couplings, dynamics and stability [with list of references]; by A. Ye. Kobrinsky, June 1969. cover title, vii+[2]+306 p. il. 4° [Translation of Mekhanizmy s Upruginii Syvazyami, Dinamika i ustoychivost, Nauka Press, Moscow, 1964.] Φ Paper, \$3.00. Cransactions of 10th scientific conference of Institute of History of Natural Science and Technology [articles, with lists of references]; by Yu. V. Biryukov et al. Sept. 1969. cover title, v+[1]+62 p. il. 4° [Translation of Trudy X nauchnoy konferentsii aspirantoy i mladshikh sotrudnikov instituta. Section of History of Aviation and Cosmonautics. Institute of History of Natural Science and Technology, Academy of Sciences USSR, Moscow, 1967.] Φ Paper, \$3.00. nsciences USSR, Moscow, 1967.] Φ Paper, \$3.00. for the proposed stability of aircraft engine components [with list of references]; by G. S. Skubachevskiy, editor. Aug. 1969.
14652	F-547. I	nvestigation of vibration and stability of aircraft engine components [with list of references]; by G. S. Skubachevskiy, editor. Aug. 1969. cover title, viii+[2]+117 p. il. 4° [Translations of Moscow Institute, no. 172, Mashinostroyeniye Press, Moscow. 1967.] \$\tilde{P}\$ Paper, \$3.00. L.C. card 72-603403
14653	\$030.1A \$1.75 (ties for participation in space flight investigations, NHB: Memorandum change 25. Aug. 25, 1969. [1] p. 4° * Paper, including basic handbook and supplementary material for one 50c. additional for foreign mailing. • Item 830-F NAS 1.18: Sp 1/2/ch.25
	NATIONA	AL ARCHIVES AND RECORDS SERVICE, General Services Administration, Washington, DC 20408
	General in	nformation leaflet.
14654		logical records in National Archives. [1969.] [2]+12+[2] p. narrow 8° publication 70-1.]) † (Limited distribution). • Item 569
	27.11	GS 4.22 : 5
	copy. (Archives microfilm publications: Pamphlet accompanying micro- National Archives.)
14655	28.	Diplomatic and consular instructions of Department of State, 1791-1801. 1969, cover title, 21 p.
14656	64.	Letters sent by Director of United States Mint at Philadelphia 1795-
14657	74.	1817. 1969. cover title, 2 p. Letters of Tench Coxe, Commissioner of Revenue, relating to procurement of military, naval, and Indian supplies, 1794-96. 1969.
14658	259.	cover title, 3 p. Passenger lists of vessels arriving at New Orleans, 1820-1902; [prepared
14659	265.	by Joyce D. Ciarrocchi.] 1969 cover title, 6 p. Index to passenger lists of vessels arriving at Boston, 1848-91; [prepared by Joyce D. Ciarrocchi]. cover title, 8 p.
14660	284.	Despatches from United States consuls in Guaymas, Mexico, 1832-96;
14661	716, 717.	[prepared by Ralph E. Huss]. 1969. cover title, 5 p. Records of Department of State relating to political relations between United States and Persia, 1921-29, and between Persia and other States, 1918-29; [prepared by Frank S. Soriano]. 1969. lil+9 p.

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

Building science series.

14662 23. Hail resistance of roofing products [with list of references; by] Sidney H. Greenfeld, Aug. 1969. [3] +9 p. il. 4° (Building Research Division, Institute for Applied Technology.) * Paper, 25c. ● Item 241-A C 13.29/2:23

Handbook.

- 44. [Specification, tolerance, and other technical requirements for commercial 14663 weighing and measuring devices adopted by National Conference on Weights and Measures, 3d edition 1965], 1969 replacement sheets. [1969.] [116] p. 12° [Issued in looseleaf form.] † • Item 245 L.C. card 14-10563 C 13.11:44/3/rev.pages 969
- 14664 Measurements users bulletin, no. 7: A, Mechanics; B, Heat: supplement to NBS special publication 250, 1968 edition. Aug. 1969. [27] p. 4° [Issued with perforations.] † • Item 247 C 13.10: 250/3/supp.6

Monograph.

- 25. Standard X-ray diffraction powder patterns: sec. 7 [Data for 81 substances, with list of references; by] H. E. Swanson [and others]. Sept. 1969. iv+186 p. il. 4* [Includes cumulative index to Circular 539, v. 1-10, and Monograph 25, sec. 1-7.] * Paper, \$1.50. Item 247-A C 13.44: 25/sec.7 14665
 - National standard reference data series, NSRDS-NBS Item 248-B C 13.48:(nos.)
- 28. Molten salts, v. 2: sec. 1, Electrochemistry of molten salts. Gibb free energies and excess free energies from equilibrium-type cells [with list of references, by] G. J. Janz and Chr. G. M. Dijkhuis; sec. 2, Surface tension data [with list of references, by] G. J. Jan [and others]. Aug. 1969. v+111 p. il. 40 [Report was prepared at Molten Salts Data Center, Rensselaer Polytechnic Institute, Troy, N.Y.] Paper, \$2.75. 14666 L.C. card 68-60051
- hoton cross sections, attenuation coefficients, and energy absorption coeffi-cients from 10 keV to 100 GeV [with list of references; by] J. H. Hubbell. Aug. 1969, iv +80 p. il. 4° (Center for Radiation Research.) * Paper. 75c. L.C. card 73-600412 14667 29. Photon cross sections,
 - Product standard PS (series). ([Office of Engineering Standards Services.]) ‡ • Item 243 C 13.20/2:(nos.)
- 14668 1-66. Softwood plywood, construction and industrial, amendment 1. [1969.] 5 p.
- [Effective Sept. 20, 1969.]

 1-66. Softwood plywood, construction and industrial, amendment 2. [1969.]

 2 p. 4° [Effective Sept. 20, 1969.] 14669
 - Special publications. Item 247
- 236. Errata, to accompany 1969 edition, NBS frequency and time broadcast services, radio stations WWV, WWVH, WWVB, WWVL. [1969.] 1 p. † 304A. Brief history and use of English and metric systems of measurement with 14670 14671 chart of modernized metric system. 1968, revised 1969. [1969.] [4] p. il. 40 * Paper, 20c.
 - Technical notes. • Item 249-A C 13.46:(nos.)
- 379. Standard time and frequency, its generation, control, and dissemination from National Bureau of Standards Time and Frequency Division: [by] John B. Milton. Aug. 1969. iv +27 p. il. 4° (Frequency-Time Broadcast Services Section, Time and Frequency Division, Institute for Basic Standards.)

 * Paper, 35c.

 L.C. card 70-603681 14672
- 489. Tables of response functions for silicon electron detectors [with list of references; by] M. J. Berger [and others]. Aug. 1969. v+57 p. il. 4° (Center for Radiation Research.) [This work was supported by National Aeronautics and Space Administration under contract R-80.] * Paper, 14673
- L.C. card 76-603656 14674
- 490. Thermal gradient effects on 13 flush mounted pressure transducers; [by]
 Leon Horn. Aug. 1969. ii+21 p. il. 4° (Electronic Technology Division,
 Institute for Applied Technology.) * Paper, 30c.

 491. Gravity measurements and standards laboratory [with list of references; by]
 D. R. Tate, Aug. 1969. [31+8 p. 4° (Mechanics Division, Institute for
 Basic Standards.) * Paper, 25c. 14675

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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.

14676 Statistical report on social services, Form FS-2069, quarter ended Sept. 30, 1968. [1969.] [8] p. 4° (NCSS report E-1 (7-9/68).) [Issued with perforations.] † FS 17.628: 968-2

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

14677 Werner Drewes woodcuts [exhibition, Aug. 15-Oct. 5, 1969], catalogue; by Caril Dreyfuss. Smithsonian Institution Press, 1969. 32 p. il. 4° [Department of] Prints and Drawings.) [Illustration on cover, Shimmering waters, is colored. Exhibition will be circulated by Smithsonian Institution Traveling Exhibition Service.] * Paper, 50c. • Item 916 I..C. card 70-603440

NATIONAL ENDOWMENT FOR THE HUMANITIES, National Foundation on the Arts and the Humanities, Washington, DC 20506

- 14678 Fellowships and summer stipends for younger humanists. 1969. 1 p. f°, folded into oblong 16° (Division of Fellowships and Stipends.) †

 Item 831-B-1

 NF 3.2: F 33/3
- 14679 Senior fellowships for 1970–71 [announcement; all lettered poster]. 1969. 1 p. 4° \dagger Item 831–B-1 NF 3.2: F 33/2/970–71

NATIONAL GALLERY OF ART, Smithsonian Institution Washington, DC 20560

14680 Report and studies in history of art 1968. [1969.] vi+[2]+235 p. il. 4°
[Other illustrations on p. 1 and 4 of cover.] * Paper, \$2.75. ● Item 917
L.C. card 68-60053

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

14681 Highway safety literature, compilation of issues numbered 1–52 issued Dec. 1967–Dec. 1968. July 1969. cover title, ii+430 p. 4° (HS 820 030.) [Pages number 13,204–211, 237–247, and 398–402 are intentially left blank. Text on p. 2 of cover.] † • Item 982–D–4 TD 2.210/3: 1–52

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

- 14682 Acquisition and development of values, perspectives on research, report of conference, May 15-17, 1968, Washington, D.C.; [prepared by Leora Wood Wells.] [1969.] xiv+65 p. (National Institute of Child Health and Human Development.) † Item 507

 L.C. card 78-603678 FS 2.22: V 24
- 14683 Biomedical engineering, development and production, report by B.E.R.C., Biomedical Engineering Resource Corporation, Ill., to National Institute of General Medical Sciences. [July 1969.] [5]+45+[1]+46-86 p. 4° ([Contract PH-43-68-1271.]) † Item 507 FS 2.22: B 52/10
- 14684 Chemotherapy fact sheet: Streptozotocin (NSC-85998) [with bibliographies]. Aug. 1969. 18 p. il. 4° (Program Analysis Branch, Chemotherapy, National Cancer Institute.) † Item 507 FS 2.22/63: St 8
- Danger, cancer quacks. [1969.] 12 p. narrow 8° † Research Information
 Branch, National Cancer Institute, National Institutes of Health,
 Bethesda, MD 20014
 FS 2.22: C 16/31

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

- 14686 Dietetic manual for metabolic kitchen units [with bibliography; by Edith A. Jones]. [Mar. 1969.] cover title, [5] +66 p. (Nutrition Department, Clinical Center.) * Stiffboard, \$3.50. Item 507-H FS 2.22/15: D 56/2
- 14687 Film guide on reproduction and development, guide to selected films on reproductive and developmental biology for graduate and undergraduate programs in biomedical sciences [with list of references to literature]; prepared by National Institute of Child Health and Human Development. [1969.] [5] leaves+66 p. il. 4° * Paper, \$1.25. Item 507-H L.C. card 76-603672 FS 2.22/15: R 29
- 14688 Gerontology Research Center, National Institute of Child Health and Human Development. [Revised Aug. 1969.] [1969.] cover title, [12] p. il. † Item 507 FS 2.22: G 31/5
- 14689 Health professions, scholarship program, career information. [Revised Apr. 1969.] [1969.] [6] p. il. narrow 8° ([Publication 1460; Bureau of Health Professions Education and Manpower Training, Division of Health Manpower, Educational Services, Student Loan and Scholarship Branch.]) † Item 507 FS 2.22: Sch 6/969
- 14690 Mental health considerations in public health, guide for training and practice, [with bibliographies]; edited by Stephen E. Goldston. May 1969.

 xv+252 p. ([Public Health Service publication 1898].) * Paper, \$1.25.

 Item 507-H

 L.C. card 72-602903

 FS 2.22/15: M 52/3
- 14691 National Heart Institutes national blood resource program; [prepared by Heart Information Center, National Heart Institute]. [1969.] [2]+33 p. il. † Item 507 FS 2.22: B 62/2
- 14692 NIH quarterly publications list. ([Publications and Reports Branch. Office of Information, Office of Director], Public Health Service.) †

 Item 506-A

 July 1909—
- Perspectives on human deprivation, biological, psychological, and sociological [papers with bibliographies]. [1968.] xvii+346 p. 4° (National Institute of Child Health and Human Development.) [Detail from Mother, lithograph by Kathe Kollwitz, on cover.] * Paper, \$2.75.

 © Item 507 (A 1969 reprint, xii+[1]+323 p. 8°, was sent to depository libraries.)

 L.C. card 70-603475

 FS 2.22: D 44
- 14694 Research advances in human transplantation. [1969.] cover title, 24 p. il. 4°
 * Paper, 35c. Item 507
 FS 2.22: T 68/6

Resources analysis memo (series).

- 14695

 12. Foundations and nonprofit research institutes, support of medical research and education, 1966, 1969. June 1969, 13 p. 4° (Office of Resources Analysis, Office of Associate Director for Program Planning and Evaluation.) †

 FS 2.22/27:12
- 14696 Smallfry smiles, guide for teaching dental health in community care programs; [prepared by Alice M. Johnson, Robert L. Weiss, Miki Wilson]. [1969.] cover title, [5]+54 p. il. ([Bureau of Health Professions Education and Manpower Training, Division of Dental Health.]) ‡
 FS 2.22/15; Sm 4

NATIONAL LABOR RELATIONS BOARD Washington, DC 20570

- 14697 Court decisions relating to National Labor relations act, v. 14, May 1, 1963-June 30, 1964. 1969. xlvi+1947 p. * Cloth, \$8.50. Item 825
 L.C. card 44-41303
 LR 1.14: 14
- 14698 33d annual report of National Labor Relations Board, fiscal year 1968. 1969. xi+244 p. il.* Paper, \$1.00. Item 824 L.C. card 37-26047 LR 1.1:968

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

14699 Dentistry, selected list of audiovisuals. Mar. 1968. cover title, 81+[29] p. (National Medical Audiovisual Center, Atlanta, Ga.) ‡ L.C. card 71-603419 FS 2.211/3: D 43

NATIONAL PARK SERVICE, Interior Dept. Washington, DC 20242

- 14700 Canyonlands National Park, Utah. [Revised 1969.] [1969.] [2] p. il. 4°, folded into narrow 24° size. † Item 651 I 29.6: C 16/969
- 14701 Fort Point [National Historic Site, Calif., a proposal]. [June 1968.] 24 p. il. oblong 8° ‡ I 29.21: F 77 po/968
- 14702 Glacier Bay [National Monument, Alaska]. [1969.] 1 sheet (map on verso) il. oblong f° folded into oblong 48° * Paper, 15c. Item 650 I 29.21: G 45/969

Historical handbook series.

- 14704 History of Star Spangled Banner from 1814 to present [with bibliography]; by George J. Svejda. Feb. 28, 1969. [4]+vii+525 p. il. 4° (Division of History, Office of Archeology and Historic Preservation.) [Includes lists of references in footnotes, Pages numbered 465-490 include 19 plates. Page numbered 490a has been duplicated. Title on cover is: Fort McHenry National Monument and Historic Shrine, Baltimore, Md.] ‡

 L.C. card 76-603542

 1 29.2; F 77 mc
- 14705 National Park Service Iowa Governor's book, 1969 [report to Governor Robert D. Ray; prepared by Midwest Regional Office, National Park Service, Omaha, Nebr.]. [1969.] cover title, 28 p. il. 4° ‡
- 14706 National Park Service Minnesota Governor's book, 1969 [report to Governor Harold E. LeVander; prepared by Midwest Regional Office, National Park Service, Omaha, Nebr.]. [1969.] cover title, 28 p. il. 4° ‡ I 29.75: M 66/969
- 14707 National Park Service Missouri Governor's book, 1969 [report to Governor Warren E. Hearnes; prepared by Midwest Regional Office, National Park Service, Omaha, Nebr.] [1969.] cover title, 28 p. il. 4° ‡
 I 29.75; M 69 o/969
- 14708 National Park Service Montana Governor's book [report to Governor Forrest H. Anderson; prepared by Midwest Regional Office, National Park Service, Omaha, Nebr.]. [1969.] cover title, 28 p. il. 4° ‡

 I 29.75: M 76/969
- 14709 National Park Service Nebraska Governor's book, 1969 [report to Governor Norbert T. Tieman; prepared by Midwest Regional Office, National Park Service, Omaha, Nebr.]. [1969.] cover title, 28 p. il. 4° ‡ I 29.75: N 27/969
- 14710 National Park Service North Dakota Governor's book, 1969 [report to Governor William L. Guy; prepared by Midwest Regional Office, National Park Service, Omaha, Nebr.]. [1969.] cover title, 28 p. il. 4° ‡ 129.75: N 81 d/969
- 14711 National Park Service South Dakota Governor's book, 1969 [report to Governor Frank L. Farrar; prepared by Midwest Regional Office, National Park Service, Omaha, Nebr.]. [1969.] cover title, 28 p. il. 4° ‡ I 29.75: So 8 d/969

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- 14712 North Cascades National Park, Ross Lake & Lake Chelan National Recreation Areas, Wash. [1969.] [2] p. il. large 8° folded into narrow 24° size.

 † Item 651 I 29.6: N 81 c/2/969
- 14713 North Rim, Grand Canyon National Park, Ariz. [Revised 1969.] [1969.] [2] p. il. large 8°, folded into narrow 24° size. † Item 651 I 29.6; G 76/16/969
- Public use of National Park System, 1872-2000; by Ronald F. Lee, with foreword by George B. Hartzog, jr. Jan. 1, 1968. [5]+93 p. 4° ‡
 L.C. card 77-603545
 I 29.2: P 96/2/872-2000
- 14715 Rocky Mountain [National Park, Colo.]. [1969.] 1 sheet (with map on verso) il. oblong f°, folded into narrow 8° size. *Paper, 15c. Item 651

NATIONAL SCIENCE FOUNDATION Washington, DC 20550

14716 R & D in aircraft and missiles industry; [prepared by John R. Chirichiello]. [May 1969.] viii+17 p. il. 4° (NSF 69-15; [Office of Economic and Manpower Studies.]) *Paper, 40c. • Item 834-C NS 1.2: Ai 7/957-68

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

- 14717 Aircraft accident report: Ozark Air Lines, Inc., DC-9, N970Z, and Interstate Airmotive, Inc., Cessna 150F, N8669G, St. Louis, Mo., Mar. 27, 1968; adopted June 30, 1969. [1969.] [33] p. il. 4° (File 1-0012.) [Issued with perforations.] Φ Paper, \$3.00.
- 14718 National Transportation Safety Board. Sept. 1968. 3 p. 4° $\,\ddagger\,$ TD 1.102; N 21
- 14719 National Transportation Safety Board anual report to Congress, 1968. [1969.] x+51 p. \ddagger L.C. card 68–61690 TD 1.101.968
- 14720 Study of collisions of radar-equipped merchant ships and preventive recommendations by National Transportation Safety Board [with bibliography]. [1969.] cover title, [1]+19 p.+[5] leaves il. 4° † TD 1.102: C 69/2
- 14721 Study of uniform reporting system for all modes of transportation in reporting incidents and accidents involving shipment of hazardous materials. Mar. 21, 1969. cover title, 15+[2] p. 4° ‡ TD 1.102: R 29

NAVAL FACILITIES ENGINEERING COMMAND, Defense Dept. Washington, DC 20360

Design manual DM (series). [Issued in looseleaf form.]

14722 4, 34. [4, Electrical engineering: 34, Administrative facilities], Changes 2
July 1968-June 1969. [1969.] [100] p. il. 4° (NAVFAC DMs 4, 34.)
* Paper, \$1.00. • Item 418-A
D 209.14/2:4,34/ch.2

NTTC course. [NAVFAC Technical Training Center, Navy Public Works Center, Norfolk, Va.]

14723 150. Basic pest control technology. Jan. 2, 1969. [1]+iv+238 p. il. 4° ‡
D 209.16: 150

NAVAL OBSERVATORY, Defense Dept. Washington, DC 20350

Publications of Naval Observatory, 2d series, v. 19.

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NAVAL OCEANOGRAPHIC OFFICE, Defense Dept. Washington, DC 20390

	Informal report IR (series).		
14725	69-28. Sul	omarine sediment investigation in vicinity of planned Sealab III labitat [with list of references; by Newell T. Stiles and Richard S. Kessler]. July 1969. cover title. v+14+A-2+[2] p. ii. 4° ([Project HF05-552-305, 709-EV-RMA.]) †	
	Publication	e e	
14726	10.	Change 6, Aug. 2, 1969, loose leaf change pages for correcting [1969], [445] p. il. 40 [Formerly 175, Includes list of effective pages.] † Paner, \$1.75	
14727	12.	Change 1, Aug. 2, 1969, loose leaf change pages for correcting Sailing directions for Nova Scotia, [Bay of Fundy and Cape Breton Island], 10th edition, 1967. [1969.] [329] p. 4° [Includes list of effective pages, Issued in looseleaf form.] † Paper, \$1.75. • Item	
14728	50.	Sailing directions for southwest coast of Africa, Cape Palmas to Cape of Good Hope, 5th edition, 1969, [1]+xiv+325+[2] p. il. 4° [Includes list of effective pages. Issued in looseleaf form.] † Paper, \$5.50 (including ring binder); \$4.00 contents only. • Item 378 L.C. card 52-61640	
14729	114.	Change 18, List of lights and fog signals, British Isles, English	
14730	220.	list of effective pages. † Paper, 50c. 153, [204] p. [10c) Navigation dictionary, 2d edition 1969, iv+292 p. * Cloth, \$3.00 L.C. card 71-603652	
14731	221(128).	Loran-A table, Gulf of Mexico, rate 3H1. 1968. cover title, xv+2-62 p. 11. 4° [Issued in looseleaf form.] † Paper, 70c. L.C. card 72-601216	
14732	221(223).	Loran-A table, South Pacific, rate 2L2. 1967. cover title, xv+2-113 p. 11, 4° [Issued in looseleaf form.] † Paper, 70c.	
14733		Loran-C table, East Coast, U.S.A., pair SS7-X. 1969. lxii+337 p. 40 [Issued in looseleaf form.] † Paper, \$2.25; with binder \$3.75.	
14734	221(2009).	Loran-C table, Northwest Pacific, pair SS3-Z. 1967, lviii+462 p. il. 40 [Issued in looseleaf form.] † Paper, \$2.25; with binder, L.C. card 72-603462	
14735	606-d.	Oceanographic Office observers manual: Ice observations. 2d edition, 1956, rev. 1968, [1968.] 42 p. il. 4° † Paper, 45c.	
14736	1301.	Bathymetric atlas of northwestern Pacific Ocean; prepared by Scripps Institution of Oceanography. 1969, [1]+50 leaves, il. oblong fo [Charts compiled under direction of T. E. Chase and H. W. Menard in cooperation with Undersea Surveillance Oceanographic Center.] † Paper, \$2.00.	
		NAVAL PERSONNEL BUREAU, Defense Dent.	

NAVAL PERSONNEL BUREAU, Defense Dept. Washington, DC 20390

- 14737 Abstracts of dissertations, theses, and research papers submitted by candidates for degrees, 1966–67. Dec. 1968. cover title, [3]+vii+143 p. 4° (Naval Postgraduate School, Monterey, Calif.)

 L.C. card 76–602892

 D 208.14/6: D 63/966–67
- 14738 Aviation structural mechanic S 3 & 2 [with reading list; prepared by Navy Training Publications Center]. [1969 edition.] [1969.] cover title, iv+414 p. il. 4° (Navy training course; NAVPERS 10308-B.) ‡

 L.C. card 61-60369

 D 208.11: Av 5/25/969
- 14739 Dental administration; Change 5. [1969.] [39] p. il. 4° (NAVPERS 10483.) [Issued in looseleaf form.] ‡ Item 403-A D 208.6/3: D 43/2/ch.5
- 14740 Manual of firefighting exercises; [prepared by Training Publications Division, Naval Personnel Program Support Activity, Wash., D.C., and Naval Damage Control Training Center, Naval Station, Philadelphia, Pa.]. June 1969. [1]+v+50 p. 4° (NAVPERS 92175C.) [Issued with perforations.] ‡ Item 403-A D 208.6/3: F 51/969

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NAVAL RESEARCH OFFICE, Defense Dept. Washington, DC 20390

- 14741 1968 annual report, Naval Research Laboratory, serving the Navy for 45 years [with list of contributions to science and technology]. [1969.] cover title, vi+138 p. il. 4° D 210.17/2: 968 L.C. card 51-60868
- D 210.8:(nos.) NRL reports. (Naval Research Laboratory.) 6828. Density gradients near liquid-air interface [with list of references; by]

 James A. Adams, and Lyle B. Meier. Mar. 31, 1969. cover title, 11+30 p.

 11. 4° (NRL problem G01-02C, project Airtask WF-08-125-703.])

 Paper, \$3.00 (AD 686659). 14742
- 6856. Tables of eigenvalues of wave equation in prolate spheroidal coordinates [with list of references; by] S. Hanish and B. King. Apr. 4, 1969. cover title, 11+60 p. 4° ([NRL problem S01-28, project RR 102-08-41-5225.]) Φ Paper, \$3.00 (AD 68658). 14743
- 6862. Corrosion of metals in tropical environments: pt. 9, Structural ferrous metals, 16 years' exposure to sea and fresh water [with list of references; byl C. R. Southwell and A. L. Alexander. Apr. 23, 1969. cover title, il+28 p. il. 4° ([NRL problem Co3-11, project RR 007-08-44-5506.]) Φ Paper, \$3.00 (AD 687705). 14744
- 6869. Dislocation pipe diffusion in silver single crystals [with list of references; by l R. G. Vardiman and M. R. Achter. Mar. 25, 1969. cover title, il+12 p. il. 4° ([NRL problem M01-09, project RR 007-01-46-5407.]) Φ Paper, \$3.00 (AD 686661). 14745
- 6872. Estimating diameter of plasma in propulsion motor plume [with list of references; by] J. P. Weston. May 22, 1969. cover title, il+26 p. il. overlay, 4° ([NRL problem R07-07; project RF 17-344-401-4503.])

 Paper, \$3.00 (AD 691199). 14746
- 6875. Fluorocarbon in epoxy plastics [with list of references; by] James E. Ouick and James R. Griffith. Apr. 7, 1969. cover title, ii+14 p. il. 4° ([NRL problem C03-14, project RR 007-08-44-5508.]) Φ Paper, \$3.00 (AD 686652). 14747
- 14748
- (AD 686652).

 6881. Upwind-downwind-crosswind sea-clutter measurements [with list of references; by] John C. Daley [and others]. Apr. 14, 1969. cover title, ii+16 p. il. 4° (NRL problem R02-37; project A 31533/652/69R00801020.]) * Paper, \$3.00 (AD 687403).

 6886. Fire-retardant paint systems for nuclear submarine interiors [with list of references: by] T. R. Walton. May 2, 1969. cover title, ii+22 p. il. 4° ([NRL problem C08-18, project SF 35-433-002-13213.]) * Paper, \$3.00 (AD 688413).

 6887. Study of hydrogen evolution during aqueous oxidation of mild steel [with list of references: by] S. H. Smith and M. C. Bloom. June 6, 1969. cover title, ii+16 p. il. 4° ([NRL problem M04-01, project SF 51-542-601-12430.]) * Paper, \$3.00 (AD 689738). 14749
- 14750
- 14751
- title, li+16 p. ll. 4° (INKL problem M04-01, project SF 51-542-601-12430.]) \$\phi\$ Paper, \$3.00 (AD 689738).

 6890. Solubility and nickel in liquid sodium of high oxide content [with list of references; by] T. A. Kovacina and R. R. Miller, May 20, 1969, cover title, ii+14 p. ll. 4° (INKL problem C06-01, project RR 001-05-42-4850.]) \$\phi\$ Paper, \$3.00 (AD 688780).

 6904. Optimum packing of hollow spheres in buoyancy materials; [by] P. W. Mast, L. A. Beaublen, and D. R. Mulville, June 30, 1969, cover title, iv+18 p. il. 4° (INKL problems B01-03, F01-14, and F01-17; projects RR 003-02-41-5060, RR 009-03-45-5805, \$4607-11896.])

 6905. Measurement of fluoride activity and concentration in seawater using lanthanum fluoride electrode [with references; by] Theodore B. Warner, July 1, 1969. cover title, 12 p. il. 4° (INKL problem G02-03, RR 104-03-41-5052.]) [Text on p. 2 of cover.] \$\phi\$ Paper, \$3.00 (AD 691201).

 6909. Microwave photodiodes, sensitivity as function of bias and geometry [with list of references; by] Alan C. MacPherson July 9, 1969. cover title, i1-10 p. il. 4° (INKL problem R08-43, project RR 008-03-46-5672.]) \$\phi\$ Paper, \$3.00 (AD 691202).

 6911. Surface chemistry of plastics reinforced by strong fibers [with list of references; by] W. A. Zisman, May 14, 1969, cover title, i1+28 p. il. 4° (INKL problem C02-10, project RR 001-01-43-4751.]) \$\phi\$ Paper, \$3.00 (AD 688103). 14752
- 14753
- 14754
- 14755

NAVY DEPARTMENT, Defense Dept. Washington, DC 20350

- 14756 Antarctic highlights, U.S. Navy Operation Deep Freeze [1969.] cover title,
 21 p. il. narrow 8° ([U.S. Naval Support Force, Antarctica.]) [Page
 21, on p. 3 of cover.] * Paper, 25c. Item 373-A D 201.15/2: An 8
- 14757 [This entry number not used.]

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

- 14758 Department of Navy RDT & E management guide [with annotated references lists]. [Revised] July 1, 1969. [1969.] cover title, [273] p. il. 4° (NAVSO P-2457 (Rev. 7-69).) [Text on p. 2-3 of cover. Issued with perforations.] * Paper, \$2.50. • Item 370-A D 201.6/12: M 31/969
- 14759 Report of Operation Deep Freeze 68 [operating season] 1967-68, U.S. Navy task force 43. [May 10, 1968.] cover title, [108] p. il. 4° ([U.S. Naval Support Force, Antarctica. 1) 1 L.C. card 76-603648 D 201.15/2: Op 2/968
- 14760 Report of Operation Deep Freeze 69 [operating season] 1968-69, U.S. Navy task force 43. [May 28, 1969.] cover title, [84] p. il. 4° ([U.S. Naval Support Force, Antarctica. 1) ± L.C. card 77-603691 D 201.15/2: Op 2/969

ORDNANCE CORPS (Army), Defense Dept. Washington, DC 20310

HDL [Harry Diamond Laboratories] technical disclosure bulletins.

D 105.14/4:(nos.)

11. Universal wire stripper; [by] George Lemberos. Aug. 29, 1968. 1 p. il. 4° ‡ 12. Transistor series amplifier; [by] Thomas D. McCall. Sept. 10, 1968. 1 p. il. 4° † Public Information Officer, U.S. Army Materiel Command, Wash-14761 14762 ington, DC 20438

 Flashbulb spotting round for testing proximity fuzes; [by] Thomas I. Hannold. May 28, 1969. 1 p. il. 4° † Public Information Officer, U.S. Army Materiel Command, Washington, DC 20438 14763

PACIFIC SOUTHWEST INTER-AGENCY COMMITTEE

Note.—The Pacific Southwest Inter-Agency Committee (PSIAC) was established in 1955, replacing the Pacific Southwest Inter-Agency Technical Committee. By executive action of President Johnson in 1966, PSIAC became a field committee of the Federal Water Resources Council. The nine Federal agencies on PSIAC are: Agriculture; Army; Commerce; Federal Power Commission; Health, Education. and Welfare; Housing and Urban Development; Interior; Labor; and Transportation.

14764 This land, this water, this west. [1969.] [12] p. il. narrow 8° ([Coordinated Planning Subcommittee.)] ‡ Y 3.P 11/2: 2 L 22

PATENT OFFICE, Commerce Dept. Washington, DC 20231

14765 Manual of patent examining procedure [3d edition, Nov. 1961, revised pages]. [Rev. July 21, 1969.] [1969.] [83] p. 4° [Includes instructions regarding revision no. 21. Issued in looseleaf form.] * Paper, \$8.50 (including basic manual and supplementary material for an indefinite period); \$2.50 additional for foreign mailing.

C 21.15: 961/rev.notice 21

14766 Q&A about plant patents, answers to questions frequently asked about plant patents. [1969.] [12] p. il. † • Item 254 C 21.2: P 69/2

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.

- 14767
- 6-cent football commemorative postage stamp will be first placed on sale Sept. 26, 1969, at New Brunswick, N.J. 1969. 10.5 x 8 in. P 1.26/2: F 73/2 6-cent professional baseball commemorative postage stamp will be first placed on sale at Cincinnati, Ohio, on Sept. 24, 1969. 1969. 10.5 x 8 in. P 1.26/2: B 29 14768
- 10-cent moon landing commemorative air mail postage stamp will be first placed on sale at Washington, D.C., on Sept. 9, 1969, 1969, 10.5 x 8 in. P 1.26/2: M 77 14769

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

14770 Directory of international mail; Sept. 5, 1969. [1969.] [473] p. (POD publication 42.) [Includes transmittal letter 74. Issued in looseleaf form.]
* Paper, \$5.00 (including basic book with binder and changes for an indefinite period); \$1.50 additional for foreign mailing; also sold without binder, \$2.50; \$1.00 additional for foreign mailing. • Item 839 P 1.10/5:969

[Public information] PI-(series).

14771 19. Mail fraud laws . . . protecting consumers, investors, businessmen, medical patients, students, [June 1969.] [3] + 20 p. il. (Chief Postal Inspector.)

* Paper, 15c. ● Item 837-B P 1.36/2:19/4

14772 Remarks by Postmaster General Winton M. Blount at 1st day ceremonies moon landing commemorative air mail stamp, Washington, D.C., at National Postal Forum III, Sept. 9, 1969. 1969. 4 leaves, 4° (Information Service, General release 135.) †

PRESIDENT OF UNITED STATES Washington, DC 20501

- 14773 Making it, [stay ahead, stay in school]. [1969.] [8] p. il. 12° ([President's Council on Youth Opportunity.]) † President's Council on Youth Opportunity, 801 19th St., NW, Washington, DC 20506 • Item 851-J Pr 36.8: Y 8/M 28
- 14774 Physical fitness clinics 1969-1970. [1969.] [8] p. il. 4° (President's Council on Physical Fitness & Sports.) † President's Council on Physical Fitness and Sports, Room 4049, North HEW Bldg., Washington, DC 20201.

 • Item 851-J

 Pr 36.8: P 56/C 61/969-70

PRISONS BUREAU, Justice Dept. Washington, DC 20537

14775 Basic data book, 1968. 10th edition. [1969.] cover title, [1]+iii+59 leaves, il, oblong 8° 1 L.C. card 75-600801 J 16.24:968

PUBLIC BUILDINGS SERVICE, General Services Administration Washington, DC 20405

14776 Building operational review guide. June 11, 1969. cover title, [233] p. 4° (PBS P 5800.32; GSA handbook.) [Issued in looseleaf form with marginal index tabs on blank cardboard showing titles. Cancels PBS GS 6.6/2: B 86 P 5800.18A.] † • Item 580

PUBLIC DOCUMENTS DIVISION, Government Printing Office Washington, DC 20402

14777 List of classes of United States Government publications available for selection by depository libraries. Revised July 1, 1969. [1969.] 28 GP 3.24: 969 leaves, 4° † • All depositories

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

14778 An ambulatory service data system [system of records and statistics for outpatient clinics as basis for administration and research, with list of references; by E. Richard Weinerman and others]. [May 1969.] cover title, ii+140 p. 4° ([Health Services and Mental Health Administration, Community Health Service, Division of Health Care Services, Arlington, Va.]) [Text on p. 2 of cover. Report to Division of Medical Care Administration, Public Health Service, of work completed under contract PH 108-65-56, from Office of Ambulatory Services, Yale-New Haven Hospital and Department of Epidemiology and Public Health, Yale University School of Medicine, New Haven, Conn.] † • Item 485 FS 2.2: Am 1/2

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

Analytical Reference Service study.

- 14779 34. Water metals no. 4 [with bibliographies; by] R. J. Lishka and J. H. Parker.
 1969. xv+82 p. Il. ([Publication 1910.]; Consumer Protection and Environmental Health Service, Environmental Control Administration,
 Cincinnati, Ohio 45202.) [Abstract cards attached.] †

 Item 483-F
 FS 2.300/5:34
- 14780 Annual statistical review, hospital and medical services, fiscal year 1967:
 Public Health Service Inidan and Alaska native hospitals, contract hospitals, field health. Dec. 1967. iii+26 p. il. 4° (Division of Indian Health, Office of Program Planning and Evaluation, Program Analysis and Statistics Branch.) ‡
 L.C. card 77-603273
 FS 2.86/6: 967
- 14781 Be safe, he seen; let's shed some light on pedestrian safety. [1969.] [4] p. il. narrow 8° ([Consumer Protection and Environmental Health Service, Environmental Control Administration, Bureau of Community Environmental Management, Cincinnati, Ohio.]) * Paper, \$2.00 per 100; single copy, 5c. Item 485
- 14782 Bibliography on suicide and suicide prevention [by] Norman L. Farberow.
 1969. iii+[2]+203 p. 4° ([Publication 1979; Health Services and
 Mental Health Administration]; National Institute of Mental Health.)
 * Paper, \$1.75. Item 506-A
 L.C. card 72-603470
 FS 2.22/13: Su 3
- 14783 Classification of approved community health projects by broad areas of activity. Revised June 30, 1967. [1968.] [7]+xvviii+187 p. 4° (Bureau of Disease Prevention and Environmental Control.) ‡ FS 2.2: C 73/17
- 14784 Control of domestic rats & mice [with list of selected references; by]
 Bayard F. Bjornson, Harry D. Pratt, and Kent S. Littig. 1956, revised
 1968. 1969. vi+41 p. il. 4° (Publication 563; training guide, rodent
 control series, Consumer Protection and Environmental Health Service,
 Environmental Control Administration.) † Item 496-A
 L.C. card 70-603527
 FS 2.6/2: R 18
- 14785 Current listing of vital and health statistics series, PHS publication 1000, Dec. 31, 1968. [1969.] 6 p. 4° ([Office of Information], National Center for Health Statistics, Health Services and Mental Health Administration.) † FS 2.85/2: list/968
- 14786 Definition and measurement of mental health [with list of references; by]
 S. B. Sells, editor. 1968 [published 1969]. [4]+280 p. il. ([Publication 1873]; Health Services and Mental Health Administration, National Center for Health Statistics.) [Symposium supported by contract 86-65-107.] * Cloth, \$3.00. Item 508
 L.C. card 73-603674

 FS 2.102: M 52
- 14787 Division of Indian Health, annual discharge summary, fiscal year 1965; [Prepared by] Program Analysis and Statistics Branch, Office of Program Planning and Evaluation. Jan. 1968. xxxiii+51 p. il. 4° (Bureau of Health Services.) ‡

 L.C. card 77-603762 FS 2.86/7:965

[Emergency health series.]

- 14788 A-10. Emergency health services glossary. June 1969. [6]+101 p. il. 4° ([Publication 1071 A-10]; Health Services and Mental Health Administration, Division of Emergency Health Services.) *Paper, \$1.00.

 Item 486-E
 L.C. card 71-603695

 FS 2.302: A-10
- 14789 Emergency medical supplies, hospital reserve disaster inventory. [1969.]

 cover title, 16 p. il. oblong 24° (Division of Emergency Health Services.)

 † Item 485 FS 2.2: Em 3

Environmental health series: Radiological health.

14790 RH-36. Evaluation of radium contamination in aircraft instrument repair facilities [with list of references]. May 1969. x+37 p. ii. ([Publication 999-RH-36]; Consumer Protection and Environmental Health Service, Environmental Control Administration, Bureau of Radiological Health.) [Abstract cards attached.] † Item 483-F
L.C. card 71-601118 FS 2.300: RH-36

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

Environmental health series: Water supply and pollution control. (Division of Water Supply and Pollution Control.)

WP-38. Role on bottom-dwelling macrofauna in water pollution investigations [with bibliography]; by Lowell E. Keup, William M. Ingram, and Kenneth M. Mackenthun. 1966. v+23 p. il. (Technical Services Branch. Robert A. Taft Sanitary Engineering Center. Publications 999-WP-38.) [Accompanied by abstract cards.] † Publications Office, Robert A. Taft Sanitary Engineering Center, Cincinnati, OH 45226 L.C. card 67-60116

14792 Federal Health Programs Service annual statistical summary, fiscal year 1968: pt. 2, Diagnostic and demographic data. [1969.] cover title xv+189 p. il. 4° ([Publication 1889-A.]; Health Services and Mental Health Administration, Federal Health Programs Service, Data Management Branch.) † Item 494-C L.C. card 75-601178

14793 Influenza, NCDC fact sheet. [1969.] cover title, [11] p. il. narrow 8° ([Health Services and Mental Health Administration, National Communicable Disease Center, Atlanta, Ga.]) ‡ FS 2.60/2: In 3/2

14794 Kidney disease, prevention and control, guidelines for community programs of chronic disease control [with bibliography]. May 1969. iii+31 p. 4° (Health Services and Mental Health Administration, Kidney Disease Control Program, Division of Chronic Disease Programs, Regional Medical Programs Service, Arlington, Va.) * Paper, 40c • Item 496-A L.C. card 78-603469

14795 Kidney disease services facilities and programs in United States. May 1969. vi+229 p. ([Publication 1942]; Health Services and Mental Health Administration, Kidney Disease Control Program, Division of Chronic Disease Programs, Regional Medical Programs Service.) * Paper, \$1.00 ■ Item 485 FS 2.2: K 54/6

Mental health statistics: Series A, Mental health facilities report. (National Institute of Mental Health, Health Services and Mental Health Administration.)

Administration.)

2. Patients in State and county mental hospitals 1967; [by Morton Kramer].
[1969.] iii+89 p. ii. 4° ([Publication 1921; National Clearing House for Mental Health Information.]) * Paper \$1.00. Item 491-A

L.C. card 78-603651

FS 2.53/2-2: A/2

National Air Pollution Control Administration publication ADTD (series).

(Consumer Protection and Environmental Health Service.)

14797 69-3. 1964 data tabulations and summaries, continuous air monitoring projects, National Air Surveillance Networks, Chicago, Cincinnati, Philadelphia, St. Louis, Washington, D.C. May 1969. vi-456 p. 4° † Office of Technical Information and Publications, National Air Pollution Control Administration, U.S. Department of Health, Education, and Welfare, 801 North Randolph Street, Arlington, VA 22203. Item 483-E L.C. card 73-603682 FS 2.93/3-2:69-3

14798 National Communicable Disease Center foodborne outbreaks, annual summary, 1968. [1969.] cover title, [2]+40 p. il. 4° ([Enteric Diseases Section, Epidemiology Program, National Communicable Disease Center, Atlanta, Ga.]) [Text on p. 2 of cover.] † FS 2.60/18: 968

14799 Pictorial keys to arthropods, reptiles, birds and mammals of public health significance [with list of selected references]. [June 1969.] iv+192 p. il. 4° ([Publication 1955]; Health Services and Mental Health Administration, National Communicable Disease Center, Atlanta, GA.) [Issued in looseleaf form.] * Paper, \$2.25. ● Item 505-A.

L.C. card 74-603677 FS 2.60/7: Ar 7/2

14800 Proceedings of Public Health Service cooperative Studies, Renal disease and hypertension: v. 6, 8th annual conferences, May 1969, Atlantic City, N.J. (Hypertension) and June 1969, Boston, Mass. (Pyelonephritis). [1969.] xi+123 p. 4° (Federal Health Programs Service.) †

• Item 485

L.C. card 65-61307

FS 2.2: R 29/2/v.6

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

- Psychopharmacology bulletin, special issues: Studies on effectiveness of antidepressant drugs [with bibliography, by] Aaron Smith, Elizabeth Traganza, Grace Harrison; [editors Alice A. Leeds, David D. Swenson].

 Mar. 1969, cover title, 53 p. 4° (National Institute of Mental Health, National Clearinghouse for Mental Health Information [Health Services and Mental Health Administration].) [Prepared by Psychopharmacology Research Branch. Text on p. 2 of cover.] * Paper, 55c. Item 507-Z-1
- 14802 Psychotropic drugs and related compounds, supplement 1 (addenda and errata) [with list of references; by] Earl Usdin, and Daniel H. Efron. June 1969. [2]+148 p. il. ([Publication 1589-A; National Clearing-house for Mental Health Information], Pharmacology Section, Psychopharmacology Research Branch, National Institute of Mental Health, Health Services and Mental Health Administration.) * Paper, 65c.

 Item 507

 L.C. card 67-61617

 FS 2.22: D 84/6/supp.1
- 14803 Report for consultation on Steubenville-Weirton-Wheeling air quality control region (Ohio, West Virginia). Aug. 1969. cover title, 46 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; St 4
- 14804 Report on Federal-State-industry cooperative Savannah River water quality studies, 1956-65 [with selected bibliography]; by Savannah River Advisory Board. Nov. 1967 [published 1969]. [1] + xiii + 173 p. il. 4° † Item 485 L.C. card 70-603609 FS 2.2: Sa 9/956-65
- 14805 Representative construction costs of Hill-Burton hospitals and related health facilities, Jan.-June 1968. [1969.] iii+69 p.+[2] leaves, oblong 12° (Division of Hospital and Medical Facilities, Architectural, Engineering, and Equipment Branch, Silver Spring, Md.) \$\frac{1}{2}\$ L.C. card 75-603531 FS 2.74/6: 968
- 14806 Schools offering nurse traineeships for full-time academic study, 1969-70, under professional nurse traineeship program of Public Health Service. [Revised July 1969.] [1969.] 20 p. (Supplement A to publication 1154-1; [Bureau of Health Professions Education and Manpower Training, Division of Nursing].) † Item 485 FS 2.2: N 93/38/supp.-2/969
- 14807 Smoker's self-testing kit [tests and interpretation of test scores; developed by Daniel Horn, and members of Clearinghouse staff]. [Revised June 1969.] [1969.] [12] p. ([Publication 1904, National Clearinghouse for Smoking & Health, Health Services and Mental Health Administration, Regional Medical Programs Service, Division of Chronic Disease Programs.]) * Paper, 10c. Item 496-A FS 2.6/2: Sm 7/3/969-2
- Sociologists and anthopologists, supply and demand in educational institutions and other settings; [prepared by Surveys Research Corporation, of Washington, D.C.]. 1969. x+164 p. il. 4° ([Publication 1884; Health Service and Mental Health Administration, National Clearinghouse for Mental Health]. National Institute of Mental Health, Division of Manpower and Training Programs, Manpower and Analytic Studies Branch.)
 * Paper, \$1.50. ◆ Item 507
 L.C. card 75-603653 FS 2.22:So 1/7
- 14809 Summaries of solid wastes program contracts, July 1, 1965–June 30, 1968; [by] Clarence A. Clemons and Ralph J. Black. 1969. v+46 p. 4° ([Publication 1897]; Consumer Protection and Environmental Health Service, Environmental Control Administration, Bureau of Solid Waste Management.) * Paper, 65c. Item 485

 L.C. card 71–603557 FS 2.2: So 4/11/965–68
- 14810 Training institute of Environmental Control Administration, bulletin of courses, July 1969–Dec. 1970. 68+[12] p. il. 4° (Consumer Protection and Environmental Health Service.) ‡ FS 2.92/4: 969–70

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

Vital and health statistics: Series 1, Programs and collection procedures. (National Center for Health Statistics.)

Vital statistics of United States, 1967. ([National Center for Health Statistics, Division of Vital Statistics.])

14812 v. 2. Mortality, pt. B. 1969. [4] +563 p. 4° * Cloth, \$6.50. • Item 510 L.C. card 40-26272 FS 2.112: 967/v.2/pt.B

PUBLIC ROADS BUREAU, Transportation Dept. Washington, DC 20591

14813 Balanced freeway design [with list of references]; by I. C. Jenkins, Chief, Design Branch, Highway Standards and Design Division, Bureau of Public Roads, presented at Kansas Highway Engineering Conference, Manhattan, Kans., Mar. 28, 1969. [1969.] 25 leaves, 4° ‡

TD 2.119: J 41

Highway planning technical report.

- 13. Evaluation of bias in license plate traffic survey response [with one reference; by Howard McCann, Gary Maring]. July 1969. cover title, 16 p. 10.120:13
- 14815 Literature references to highways and their environmental considerations.

 July 1, 1969. cover title, xiv+80 p. 4° [Environmental Development
 Division, Office of Right-of-Way and Location.) ‡

 L.C. card 71-603293

 TD 2.123: L 71
- 14816 New developments in highways, design, economics, environment, hydraulics, maintenance, management, materials, right-of-way, structures, traffic, newsbriefs for highway managers and practicing engineers.

 May 1969. [7] p. narrow large 8° ‡ TD 2.124: 969
- 14817 Opportunities as professional highway engineer. Sept. 1968. [8] p. il. narrow 8° \ddag TD 2.102 : H 53/968
- 14818 Proceedings, national conference, [AASHO], American Association of State Highway Officials, Committee on Electronics, Seattle, Wash., May 6-7, 1969 [papers, with lists of references]. May 1969, cover title, v+237 p. il. 4° ([Office of Research and Development.]) [Sponsored in cooperation with U.S. Department of Transportation, Federal Highway Administration, Bureau of Public Roads and Washington Department of Highways.] † © Item 265-G L.C. card 68-61097
- 14819 Rest area use study manual. May 1969, cover title, [1]+39+[14] p. 4° ‡ TD 2.108; R 31/969
- 14820 Skid resistance studies by Public Roads Bureau [paper]; by D. W. Loutzenheiser [and others], for presentation at Committee on Design, American Association of State Highway Officials, Minneapolis, Minn., Dec. 6, 1968. [1969.] [1]+9 p. 23 pl. 4° ‡ TD 2.102: Sk 3
- 14821 Structural systems in support of highway safety [with list of references]; by F. J. Tamanini and John G. Viner. [1969.] [2]+30 p. il. 4° [Structures and Applied Mechanics Division, Office of Research and Development.) [Prepared for presentation at American Society of Civil Engineer's national meeting on transportation engineering, Wash., D.C., July 21-25, 1969.] ‡ TD 2.102: St 8
- 14822 Tor-Shok, reusable energy absorbing protective barrier [with bibliography]; by Gerry Bley. May 1969. [61] p. il. 4° ‡ TD 2.102: T 63

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

RAILROAD RETIREMENT BOARD Chicago, IL 60611

14823 Railroad Retirement Board, 1968 annual report for fiscal year. [1969.]
vii+170 p. il. [Also issued as H. doc. 27, 91st Cong., 1st sess.] * Paper,
\$1.00. • Item 858
L.C. card 37-26201
RR 1.1: 968

RECLAMATION BUREAU, Interior Dept. Washington, DC 20240

- 14824 Ainsworth unit, Nebr., Sandhills division, Missouri River Basin project.
 [1969.] 10 p. il. narrow 8° ‡ I 27.2: Ai 6/969
- 14825 Application of strain gages in Bureau of Reclamation test programs; by Gilbert L. Butler. [1968.] cover title, [1]+13 leaves, 19 pl. 4° [Preprint of paper prepared for presentation at 1968 fall meeting of Western Regional Strain Gage Committee, Denver, Colo., Sept. 23-24, 1968.] ‡ 127.2: St 8/3
- 14826 Asphaltic membranes for water seepage control; by L. M. Ellsperman and W. R. Morrison. [1969.] cover title, [1]+43 p. il. 4° (Office of Chief Engineer, Denver, Colo.) [Paper to be presented at symposium on New uses for asphalts Division of Petroleum Chemistry, Inc., American Chemical Society, Atlantic City, N.J., Sept. 8-13, 1968.] ‡ I 27.2: As 6
- 14827 Atmospheric water resources program, Project Skywater, special park range cooperative experiment no. 1, Jan. 15–Feb. 19, 1968, summary report. [1968.] cover title, vii+207 p. il. 9 pl. 4° ‡ I 27.2: Sk 9/3
- 14828 Colossal generating units at third powerplant, Grand Coulee Dam; by Carlos G. Bates. [1968.] [1]+6 leaves 4° [Paper presented at Western Water and Power Symposium, Los Angeles, Calif., Apr. 8-9, 1968.] (Office of Chief Engineer.) ‡ I 27.2: G 76/11
- 14829 Controlling expansion of desiccated clays during construction [with list of references]; by J. P. Bara. [1969.] cover title, 17+[10] leaves, 4° [Paper to be presented at 2d International Research and Engineering Conference on Expansive Clay Soils at Texas A&M University, College Station, Tex., Aug. 17-19, 1969.] ‡ I 27.2: C 57
- 14830 Coordination of water resources research, report of meeting between Agricultural Research Service, Department of Agriculture and Bureau of Reclamation, Department of Interior, Aug. 28 and 29, 1967. [1969.] [88] p. 4° (Office of Chief Engineer, Denver, Colo.) ‡ L.C. card 79-603646 I 27.2: W 29/8/967
- 14831 Davis Dam and powerplant. [1969.] [10] p. il. narrow 8° † Item 660 I 27.2: D 29/3/969
- 14832 Equal opportunity in Bureau of Reclamation, affirmative program of manpawer utilization. [1969.] [2]+iii+16 p. † I 27.2: Eq 2/969
- 14833 Gamma probe calibration tests: by Joe M. Lara. Mar. 1968. [21] leaves,
 il. 4° (Office of Chief Engineer, Sedimentation Branch, Division of Project Investigations, Denver, Colo.) ‡ I 27.2: G 14
- 14835 Improved appearance of power transmission facilities; by Edwin Rose and Dwight A. Covington. 1968. 42 leaves. il. 4° [Paper for Environmental Engineering Conference, Aesthetics in Power Projects session, Power Division of American Society of Civil Engineers, Chattanooga, Tenn., May 13-17, 1968.] ‡ I 27.2: P 87/5
- 14836 Project Skywater, first 7 years. [1969.] cover title, [4] p. (Office of Atmospheric Water Resources, Office of Chief Engineer, Denver, Colo.) ‡ I 27.2: Sk 9/2

 ◆For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
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- 14837 Project Skywater, proceedings: Skywater Conference 5, Scientific review plans and design of Colorado River basin pilot project, with appendix, design changes and decisions, atmospheric water resources program. Feb. 1969. [5]+xi+235+[23] p. il. 4° ([Office of Atmospheric Water Resources.]) ‡
 L.C. card 77-603249
- 14838 Reclamation lakes, region 2. [1969.] [2] p. il. oblong 8° folded into narrow 8° size. ↑ Item 660 I 27.2: R 24/14/969

[Research] report. (Water resources technical publication.)

- 14839 17. Soil as an engineering material [with list of references]; by Wesley G.

 Holtz. [1st printing 1969.] [1969.] vi+45 p. ll. 4° *Paper, 55c.

 L.C. card 75-603610 127.54:17
- Spectral analysis, prototype study; by H. T. Falvey and D. L. King. [1969.]
 cover title, [1]+9 p. il. 8 pl. 4° (Office of Chief Engineer, Denver, Colo.) [Paper to be presented at annual Hydraulics Division Conference of American Society of Civil Engineers, Logan, Utah, Aug. 20-22, 1969.] ‡
- 14841 Sprinkler irrigation, soils, climate, and land classification [with list of literature cited]; by John T. Maletic. [1968.] cover title, 18 leaves, il. 4° [Paper for presentation at 1968 annual Technical Conference, Sprinkler Irrigation Association, Denver, Colo., Feb. 27, 1968.] ‡ I 27.2: Ir 7/14
- 14842 Statistical compilation of storage dams and reservoirs on Bureau of Reclamation projects. June 30, 1968. [37] leaves. ‡ I 27.2: St 7
- 14843 Value of desalted water for irrigation [joint research study with list of selected references]; prepared by Offices of Chief Engineer and Region 3.

 June 30, 1969. [5]+xii+158 p. il. 4° (Research contract 14-01-0001-1241.) [Prepared for Office of Saline Water.] ‡

 L.C. card 79-603689
- 14844 Water for future of Kansas, Kansas basins project: interim report 2 [Investigation schedule]. May 1968, cover title, ii+23 leaves, 2 pl. 4° (Bureau of Reclamation regions 5 and 7.) [Prepared in cooperation with Kansas Water Resources Board.] † I 27.2: K 13/no.2
- 14845 Yellowtail [unit of Missouri River Basin project]. [1969.] [10] p. il. narrow 8° † Item 660 I 27.2: Y 3/5/969

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

- 14846 For the disabled, help through rehabilitation. [Revised May 1969.] [1969.] [16] p. il. narrow 8° † Item 529 FS 17.102: D 63/969
- 14847 Opportunities for the hard of hearing and the deaf. [Revised May 1969.] [1969.] [20] p. il. narrow 8° † Item 529 FS 17.102: H 21/969
- 14848 Opportunity, help for the mentally retarded. [Revised May 1969.] [1969.] 20 p. il. narrow 8° † Item 529 FS 17.102: M 52/2/969
- 14849 Proceedings, National Conference for Coordinating Rehabilitation and Education Services for the Deaf, New Mexico State University, Las Cruces, N. Mex., Nov. 6-9, 1967. [7]+71 p. 4° (Sponsored in cooperation with Office of Education.) †

 L.C. card 74-603433 FS 17.102: D 34

RURAL ELECTRIFICATION ADMINISTRATION, Agriculture Dept. Washington, DC 20250

14850 Report of Administrator, Rural Electrification Administration, [fiscal year]
1968. [2]+53 p. * Paper, 25c. ● Item 115
L.C. card 37-26237 A 68.1:968

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SECRET SERVICE, Treasury Dept. Washington, DC 20220

14851 Use of illustrations and motion-picture films and slides of paper money, postage and revenue stamps, and other obligations and securities of United States and foreign governments. Revised July 22, 1968. [1968.] 7 p. 4° ‡ T 34.2: M 74/3/968

SELECTIVE SERVICE SYSTEM Washington, DC 20435

14852 Semi-annual report of director of selective service, for period July 1 to Dec. 31, 1968, to Congress of United States, pursuant to Military selective service act of 1967. Jan. 15, 1969. vi+45 p. il. * Paper, 25c. ● Item 1076
L.C. card 52-60414

Y 3.Se 4: 1/968-2

14853 You and the draft. [Revised Apr. 3, 1969.] [1969.] 6 p. narrow 8° ([SSS form 137.]) † ● Item 1075 Y 3.Se 4: 2 D 78/969

SHIP STRUCTURE COMMITTEE Washington, DC 20226

SSC (series).

14854

198. Flame straightening and its effect on base metal properties [with list of references]; by H. E. Pattee, R. M. Evans, and R. E. Monroe. Aug. 1969.

iv+31+[2] p. 11. 4° (Coast Guard Headquarters.) [Summary report on Project SR-185, Straightening distorted weldments, under Navy Department Naval Ship Engineering Center contract N00024-68-C-5324.

Text on p. 2 of cover.]

Paper, \$3.00.

Y 3.Sh 6: SSC-198

SMALL BUSINESS ADMINISTRATION Washington, DC 20416

Management aids for small manufacturers.

14855 202. Discover and use your public library; by Marie Boerum. July 1969. 7 p. 11. 4° \dagger SBA 1.10: 202

Small business bibliography.

14856 21. Variety stores; [by Sidney Hollander, jr.]. May 1969. 8 p. il. 4° ↑ ■ Item 901-K.
L.C. card 77-603667 SBA 1.3: 21/4

SMITHSONIAN INSTITUTION Washington, DC 20560

Astronomical papers translated from the Russian (Astrophysical Observatory, Cambridge, Mass.) \$\frac{1}{2}\$ SI 1.12/4:(nos.)

12. Observations of artificial earth satellites, no. 2, 1963; translated by Stuart W. Kellogg. May 1968. vi+262 p. ii. 4° [Published by Polish Academy of Sciences Committee for International Geophysical Cooperation, Warsaw 1963]. (611-3.)

14858 13. Observations of chromospheric spicules in H₈ and HE 1 3888.65 Å lines [with list of references; by] K. I. Nikolskaya, translated by Jay M. Pasachoff, Aug. 30, 1968. [1] +8 leaves, il. 4° [From Solnechnye dannye, no. 5, 1967.]

Smithsonian contributions to paleobiology.

1. New Permian brachiopods from west Texas [with list of literature cited: by]
G. Arthur Cooper and Richard E. Grant. Smithsonian Institution Press, 1969. [2]+20+[2] p. il. 5 pl. 4° [Publication of this paper supported by Charles D. and Mary Vaux Walcott Research Fund.] †
L.C. card 79-603670 SI 1.30:1

Smithsonian contributions to zoology.

20. Five species of deep-water cyclopoid copepods from plankton of Gulf of Alaska [with list of literature cited; by] Gayle A. Heron and David M. Dankaer. 1969. [2] +24 p. il. 4° * Paper, 40c. ■ Item 910-D SI 1.27: 20

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

	Actuarial notes. †	FS 3.19/2:(nos.)
14861	55. SMI benefit experience for 1966-68	as shown on payment records; by Robert J.

14862

Myers. Aug. 1969. [4] p. 4°
56. Accrued cost of SMI program for 1966 and 1967; by Robert J. Myers. Aug. 1969. [3] p. 4°
57. Current experience of SMI program on cash basis; by Robert J. Myers. Aug. 1969. 2 p. 4° 14863

SOIL CONSERVATION SERVICE, Agriculture Dept. Washington, DC 20250

14864 Habitat management for elk. [Boise, Idaho, June 1969.] 3 p. il. 4° ‡ A 57.56: El 5

14865 Habitat management for mule deer. [Boise, Idaho, June 1969.] 4 p. il. 4° ‡ A 57.56: M 89

14866 Idaho's soil surveys, soils and people, what they can do for you. [1969.] [6] p. il. large 8° [Some illustrations are colored.] † Soil Conservation Service, PO Box 38, Boise, ID 83701 A 57.2: Id 1/2

14867 Muskrat. [Boise, Idaho, June 1969.] 2 p. il. 4° ‡ A 57.2: M 97

14868 National Plant Materials Center, Beltsville, Md., 1968 annual report. [1969.] cover title, [3]+31 leaves, 4° [Illustration on p. 1 of cover.]

14869 Pond management for trout. [Boise, Idaho, June 1969.] 4 p. il. 4° A 57.2: T 75

14870 Red fox. [Boise, Idaho, June 1969.] 2 p. il. 4° ‡ A 57.2: R 24

14871 Resource planning in Wyoming: how soil surveys help. Casper, Wyo., 1969. [2] p. il. fo folded into narrow 80 size. 1 A 57.2: W 99

14872 Soil and water conservation districts, status of organization, by States, approximate acreage, and farms in organized districts. July 1, 1969. [7] leaves il. 4° [Issued with perforations.] A 57.32:969

14873 Soil and water conservation in Texas. Revised Apr. 1967. Temple, Texas [1968.]. 20 p. il. 4° ‡

14874 Soil survey: Gallatin County, Ill. [with list of literature cited; by Donald L. Wallace and others]. Sept. 1969. cover title, i+136 p.+[4] leaves, il. 35 p. of pl. and maps 4° [Prepared in cooperation with Illinois Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.]
* Paper. \$3.25. • Item 102 (Rev. 1957) L.C. card 77-603608 A 57.38: G 13

Lake County, Tennessee [with list of literature cited; by William T. Brown and others]. Sept. 1969. cover title, [1]+39 p. il. 1 tab. 30 p. of pl. and maps 4° [Prepared in cooperation with Tennessee Agri-14875 cultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$1.75. • Item 102 (Rev. 1957). L.C. card 72-603438

- McPherson County, Nebr. [with lists of literature cited: by Lester E. Sherfey]. Jan. 1969. cover title, i+35 p. 34 p. of pl. and maps 4° [Prepared in cooperation with University of Nebraska, Conservation and Survey Division. Text on p. 2 of cover.] * Paper, \$2.00. • Item 102 (Rev. 1957) A 57.38: M 24 L.C. card 78-600964

14877 - Montgomery County, Ill. [with list of literature cited; by C. E. Downey and R. T. Odell]. Aug. 1969. cover title, i+94 p. 122 p. of pl. and maps, 1 tab. 4° [Prepared in cooperation with Illinois Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$6.75. • Item 102 (Rev. 1957) L.C. card 75-603251 A 57.38: M 76/2

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- Perry County, Ind. [with list of literature cited; by John R. Robbins, jr. Sept. 1969. cover title, i+70 p. il. 74 p. of pl. and maps 1 tab. 4° [Prepared in cooperation with Purdue University Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$4.25. • Item 102 (Rev. 1957) L.C. card 72-603541 A 57.38: P 42
- 14879 _ - Plymouth County, Mass. [with list of literature cited; by Charles W. Upham]. July 1969. cover title, i+116 p. il. 66 p. of pl. and maps, 1 tab. 4° [Prepared in cooperation with Massachusetts Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$4.25.

 • Item 102 (Rev. 1957) L.C. card 79-603252 A 57.38: P 74

Technical release.

- 41. Geology: Graphical solutions of geologic problems [with list of references]; by D. H. Hixson. [1]+ii+58 p. [4] leaves, il. 4° (Engineering Division.) [Issued with perforations.] ‡ A 57.51; 41 14880
- 14881 Ways to attract non-game birds. [Boise, Idaho, June 1969.] 4 p. il. 4° ‡ A 57.2: B 23

SOLICITOR, Labor Dept. Washington, DC 20210

14882 Decisions of Wage Appeals Board, index-digest, 1964-1968. [1969.] vi+49 p. [Prepared by the Research, Analysis and Reference function of Division of Legislation.] † • Item 712 L.C. card 77-603474 L 21.2: W 12/964-68

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

North American fauna (series).

67. Natural history of king rail [with list of literature cited]; by Brooke Meanley. [1969.] cover title, viii+108 p. il. * Paper, 60c. • Item 612-A L.C. card 75-603661 14883

Regulatory announcement.

84. Federal regulations governing hunting, possession, transportation, and/or importation of ducks, geese, swans, coots, gallinule, snipe, and cranes in United States (excluding Alaska, Hawaii, Puerto Rico, and Virgin Islands), 1969-70. Sept. 1969. 16 p. † ● Item 613 149.24:84 14884

Resource publication.

- 77. Progress in sport fishery research, 1968; [E. Joyce Engstrom, compositor].

 May 1969. iv+259 p. il. 4º (Division of Fishery Research.) [Includes list of technical communications.] Paper, \$2.00. Item 613-B

 L.C. card 59-61791 149.66:77 14885
- 14886 Seedskadee National Wildlife Refuge [Sweetwater County, Wyo.], master plan, backup volume, [1969.] [4]+48+[1] p. il. 2 pl. 4° [Text on p. 2] of cover.] ‡ L.C. card 71-603530 I 49.6/2: Se 3

Special scientific report: Wildlife (series).

125. Annotated bibliography of helminths of waterfowl (Anatidae); by Malcolm E. McDonald. June 1969. ii+333 p. 4° (Bear River Research Station, Denver Wildlife Research Center, Division of Wildlife Research.); • Item 614-C 14887

Wildlife leaflet.

- 486. Birds protected by Federal law; compiled [by] Division of Management and Enforcement. May 1969. 4 p. 4° [Supersedes WL 475, May 1967.]
 * Paper, 10c. Item 616-B 14888
- 14889 Wildlife portrait series no. 1. [1969.] 10 colored posters, each 14×17 in. [Issued in envelope for mailing purposes.] *\$2.00 per set. • Item I 49.71:1

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14892	Islamic Republic of Pakistan [with reading list]. [Revised July 1969.] [1969.] 8 p. il. 4° ([Publication 7748.])
14893	L.C. card 66-61651 S 1 123 · P 17/969
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14895	L.C. card 66-61561' People's Republic of Albania [with reading list]. [Revised Feb. 1969.] [1969.] 4 p. il. 4° ([Publication 8217.])
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14897	L.C. card 66-61561 S 1.123 : R 73/989
14898	L.C. card 66-61561 S 1.123: C 76/2/969 Republic of Guinea [with reading list] [Revised July 1969.] [1969.] 4 p. il. 4° ([Publication 8057.])
14899	L.C. card 66-61561 S 1.123 : G 94/969
14900	L.C. card 00-01501 S1.123:1r1/2/969
14901	4 p. 11. 4° ([Publication 8201.]) L.C. card 66-61561 State of Vatican City [with reading list]. [Revised Aug. 1969.] [1969.] 2 p. 4° ([Publication 8258.])
14902	L.C. card 66-61561 S1.123: V 45/969 Surinam [with bibliography], [Revised July 1969.] [1969.] 4 p. il. 4° ([Pub-
14903	
4 400 4	1969. 14 p. il. 4° ([Publication 7842.]) L.C. card 66-61561 S 1.123: Un 33/969
14904	Foreign Affairs Research Documentation Center, special papers available: USSR and Eastern Europe. Aug. 1969. cover title, [2] leaves +58 p. 4° (Office of External Research.) [List of recent publications issued by Office of External Research, on p. 3 of cover.] † \$1.126/2: Un 3
	International organizations series. L.C. card 76–603680
14905	p. il. 4º ([Publication 8460; Office of Media Services, Bureau of Public Affairs.]) [Issued with perforations.] * Paper, 10c. • Item 882-C
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	Near and Middle East series.
14906	75. United States policy in Near East crisis. [Revised July 1969.] [1969.] cover title, [3] + 28 p. il. 4° ([Publication 8269; Office of Media Services, Bureau of Public Affairs.]) [Compilation of major addresses and statements issued by White House and State Department, together with certain United Nations resolutions, during period May 23, 1967-Apr. 23, 1969. Reprinted from Department of State bulletin, June 12, 1967-May 26, 1969.] * Paper, 35c.
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6693. Embassy sites, agreement between United States and Union of Soviet Socialist Republics, signed Moscow May 16, 1969; [entered into force May 16, 1969], with exchange of notes. [1969.] [2]+22 p. 3 pl. [English and Russian.] * Paper, 50c.

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- [1969.] [2]+4 p. [Spanish and English.] * Paper, 10c.

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 6699. Detense, use of military facilities in Spain, agreement between the United States and Spain, extending agreement of Sept. 26, 1953, as extended, effected by exchange of notes, signed Washington June 20, 1969; lentered into force June 20, 1969, effective Sept. 26, 1968] with related Lt.C. card 73-603465

 6700. Extension of loan of vessels, agreement between United States and Spain, effected by exchange of notes signed Washington June 20, 1969; Spanish.] * Paper, 10c.

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 6701. Agricultural commodities, agreement between United States and Paraguay, signed Asuncion June 7, 1969; [entered into force June 3, 1969.] [1969.] 14910
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 6704. Fisheries in western region of middle Atlantic Ocean, agreement between United States and Poland, signed Warsaw, June 12, 1969; [entered into force June 12, 1969, with exchange of letters]. [1969.] [2]+14 p.
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 6714. Tracking station agreement between United States and Viet-Name Station agreement between United States and Viet-Name Station agreement between United States and Viet-Name State 14915
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 6714. Tracking station, agreement between United States and Spain, extending agreement of Jan. 29, 1964, as supplemented, effected by exchange of notes signed Madrid June 25, 1969; [entered into force June 25, 1969]. [1969.] [2] + 2 p. [English and Spanish.] * Paper, 10c. L.C. card 76-603333
 6715. Mutual Defense Assistance Office, agreement between United States and Japan, relating to agreement of Mar. 8, 1954, effected by exchange of notes, signed Tokyo, July 4, 1969; [entered into force July 4, 1969]. [1969.] [2] + 4 p. [Japanese and English.] * Paper, 10c. L.C. card 70-603329 14916
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- 6717. Atomic energy, cooperation for civil uses, agreement between United States and Portugal, signed Washington July 3, 1969; [entered into force July 19, 1969]. [1969.] [2]+33 p. [English and Portuguese.] * Paper, 14918 20c. L.C. card 75-603330
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 Cooperation agreement, agreement between United States. Portugal and International Atomic Energy Agency, signed Vienna July 11, 1969; [entered into force July 19, 1969]. [1969.] [2]+9 p. *Paper, 10c. LC. card 73-603327

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 Technical cooperation, agreement between United States and Afghanistan extending agreement of June 30, 1953, as extended, effected by exchange of notes signed Kabul June 16 and 17, 1969; [entered into force June 17, 1969]. [1969.] [2]+3 p. [English and Afghan.] *Paper, 10c. L.C. card 72-603532

 14921

 6720. Load lines, process-verbal of rectification in convention of Apr. 5, 1966, between United States and other Governments, done London May 5, 1969. [1969.] [2]+12 p. [English and French.] *Paper, 10c. L.C. card 77-603328

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 6721. Atomic energy, cooperation for civil uses, agreement between United States and Argentina, signed Washington June 25, 1969; [entered into force July 25, 1969]. [1969.] [2]+42 p. [English and Spanish.] *Paper, 20c. L.C. card 70-603334

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 6722. Atomic energy, application of safeguards by IAEA to United States-

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- 6723. Extension of loan of vessels, U.S.S. Benson, U.S.S. Hilary P. Jones, and U.S.S. Plunkett, agreement between United States and Republic of China, effected by exchange of notes signed Taipei June 11 and 18, 1969; [entered into force June 18, 1969]. [1969.] [2]+7 p. [English and Chinese.] * Paper, 10c.
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6729. Mutual defense assistance, agreement between United States and Belgium, amending annex B to agreement of Jan. 27, 1950, effected by exchange of notes signed Brussels June 20 and 30, 1969; [entered into force June 30, 1969], [1969.] [2] +3 p. [English and French.] * Paper, 10c.
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14930

STATISTICAL REPORTING SERVICE, Agriculture Dept. Washington, DC 20250

14931 Calf crop, 1969. July 22, 1969. 2 p. 4° (MtAn 2-2 (7-69); Crop Reporting Board.) A 92.18/5:969

14932 Cranberries, indicated production, Aug. 15, 1969. Aug. 19, 1969. 2 p. 4° A 92.11/6:969 (SpCr 1(8-69); Crop Reporting Board.) †

14933 Irish potatoes, utilization of 1968 crop with comparisons. Sept. 9, 1969. 3 p. 4° (Pot 1-3 (9-69); Crop Reporting Board.) † A 92.11/5: 968-2

14934 Milk production [Aug. 1969]. Aug. 12, 1969. 8 p. il. 4° (Da 1-1 (8-69); Crop Reporting Board.) [Special in this issue: Milk cows, June A 92.10: 969/6 1969.1

14935 Tree nuts, by States, 1967 and 1968, production, use, value. Aug. 1969. 7 p. 4° A 92.27:967-68 (FrNt 4-1 (8-69); Crop Reporting Board.) †

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

14936 Expansion of automation in terminal ATC facilities; by John C. Mercer, presented by 3d annual R&D report to industry, June 17, 1969. [1969.] [1]+13 p. 10 pl. 4° ‡ TD 4.502: Au 8/2

14937 Satellite applications, evolutionary process, international applications, [address] presented by Robert W. Meier, Chief, Communications Development Division, Systems Research & Development Service, Federal Aviation Administration, at 1st annual National Aviation System Planning Review Conference, Washington, D.C., Apr. 23-25, 1969. [1969.]

14938 Scientific and technical reports, [list] cy-1968. [1969.] [1]+9 p. 4° TD 4.509: list/908

TARIFF COMMISSION Washington, DC 20436

14939 Summaries of trade and tariff information, prepared in terms of tariff schedules of United States (TSUS): Schedule 2, Wood and paper, printed matter: v. 4, Paper and related products II. 1969. vi+158+[2] p. 4° (TC publication 294.) L.C. card 67-61163 TC 1.26/2: 2/4

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- 14940 Synthetic organic chemicals, United States production and sales of elastomers, 1968, preliminary. Sept. 1969. cover title, [1]+5 p. 4° †
- 14941 Synthetic organic chemicals, United States production and sales of synthetic organic pigments, 1968, preliminary. Sept. 1969. cover title, [1]+13 p. 4° † TC 1.33/2: P 62/968

TENNESSEE VALLEY AUTHORITY Washington, DC 20444

14942 Fish and fishing around TVA steam plants. [1969.] [8] p. il. oblong 48° (Division of Forestry Development.) † Y 3.T 25: 27 F 52/4

TRAINING AND EMPLOYMENT SERVICE, Labor Dept. Washington, DC 20210

Note.—The Training and Employment Service was established within the Labor Department's Manpower Administration.

14943 Area trends in employment and unemployment. (Manpower Administration.) [Monthly. Issued by Employment Security Bureau and classified L 7.51/3: (date) prior to June 1969 issue.] † • Item 752-C L 34.9:(date)

June 1969-

TRANSPORTATION DEPARTMENT Washington, DC 20590

- 14944 Isthmian canal demand forecast, economic analysis of potential tonnage traffic; [prepared by Walter J. Chilman]. [1969.] cover title, [1]+i+79 leaves, 4° ‡ TD 1.2: Is 7 L.C. card 76-603699
- 14945 Socio-economic projections for subregions of Northeast Corridor through 1980. May 1969. cover title, [3]+vi+45 p. il. 4° (Northeast Corridor Transportation Project, Office of High-Speed Ground Transporta-L.C. card 77-603659 TD 1.2: N 81/980

TREASURY DEPARTMENT Washington, DC 20220

- Department circular, public debt series. † Item 924 T 1.4/3: (nos.)
- 14946 14947
- 3-69. 6% percent treasury notes of series D-1970, dated and bearing interest from May 15, 1969, due Aug. 15, 1970. May 1, 1969. 2 p. 4°
 4-69. 6% percent treasury notes of series B-1976, dated and bearing interest from May 15, 1969, due May 15, 1976. May 1, 1969. 2 p. 4°
 5-69. 7% percent treasury notes of series D-1971, dated and bearing interest from Aug. 15, 1969, due Feb. 15, 1971. July 31, 1969. 2 p. 4° 14948
- 14949 Foreign credits by United States Government, status of active foreign credits of United States Government and of international organizations, as of June 30, 1968; [compiled by Treasury Department]. [1969.] cover title, v+169 p. oblong 12° * Paper, \$1.50. • Item 925-C T 1.45: 968 title, v+169 p. oblong 12° * Paper, \$1.50.
- 14950 Remarks by Edwin S. Cohen, Assistant Secretary for Tax Policy, at Section of Taxation luncheon, American Bar Association annual meeting, Dallas, Tex., Aug. 9, 1969. 1969. 10 p. 4° (K-163.)
- 14951 Remarks of David M. Kennedy, Secretary of Treasury at dedication of Philadelphia Mint, Philadelphia, Pa., Aug. 14, 1969. 1969. 6 p. 4° T 1.31: K 38/10 (K-169.) †
- 14952 Statement by Paul A. Volcker, Under Secretary of Treasury for Monetary Affairs, before Senate Finance Committee, Sept. 3, 1969. [1969.] 6+5 p. T 1.31: V 88/3 4° (K-189.) †

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

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14953 Toward a new fiscal federalism, remarks of Murray L. Weidenbaum. Assistant Secretary of Treasury for Economic Policy, before National Conference of State Legislative Leaders, St. Louis, Mo., Aug. 27, 1969. 1969. 14 p. 4° (K-182.) † T 1.31: W 42

UNEMPLOYMENT INSURANCE SERVICE, Labor Dept. Washington, DC 20210

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

14954 Benefit series service, unemployment insurance report; prepared by Division of Determinations and Hearings. (Manpower Administration.) [Monthly. Issued in looseleaf form. Issued by Bureau of Employment Security and classified L 7.37: (nos.) prior to no. 228, May 1969.]

* Paper, \$5.00 a yr., \$1.25 additional for foreign mailing (1-3 yr. subs.).

* Item 752

L.C. card L 50-85

No. 228-May 1969-

L 33.9:(nos.)

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

- 14955 Data on visitors to U.S., 1st 6 months, 1968. 7 p. 4° (Facilitation and Planning Division.) ‡ C 47.2: D 26/968
- 14956 Pleasure and business visitors to U.S. by port of entry and mode of travel, 1st 6 months, 1968. [1969.] 8 p. oblong 8° folded to 4° size. (Office of Research and Analysis.) ‡

 C 47.15/2:968
- 14957 State and territorial travel information offices in U.S.A. [Oct. 24, 1968.]
 4 p. 4° ([Visitor Services Division.]) † C47.2: St 2
- 14958 [This entry number not used.]
- 14959 United States trade shows and exhibitions, 1970. [1969.] [1]+36 p. 4°
 [List prepared from questionnaire sent to associations by United States
 Travel Service.] † Item 271-A-1 C 47.2: T 67/970

VETERANS ADMINISTRATION Washington, DC 20420

14960 Government life insurance programs for veterans and servicemen, annual report calendar year 1968. [1969.] cover title, 21 p. (Insurance Service, Department of Veterans Benefits.) ‡

L.C. card 65-61802

VA pamphlet.

- 14961 1-1. Board of Veterans Appeals, rules of practice. 1969 edition. [1969.] cover title, lil+18 p. [Text on p. 2 of cover. Supersedes 1967 edition.] †

 VA 1 19:1-1/5
- Voluntary service, National Advisory Committee, report of annual meeting, VAVS action '69 . . . to meet challenge of '70s, Washington, D.C. Aug. 1969. iv+41 p. il. 4° (Office of Chief Medical Director.) ‡

 Item 985

 L.C. card 61-61961

 VA 1.2: V 88/969

WEATHER BUREAU, Commerce Dept. Washington, DC 20235

- 14963 Coastal warning facilities chart: Canadian border to Eureka, Calif., and Alaska. Scale 50 nautical m.=1.7 in. Revised May 1968. [1968.] 19 x 12 in. [Broadcast schedules of Marine forecasts and warnings on reverse.]

 * Paper, 10c.

 C 30.22/3: C 16/968
- 14964 Eastport, Me. to Montauk Point, N.Y. Scale 50 naut. n. =2.25 in. Revised June 1968. [1968.] 19 x 12 in. [Brondcast schedules of marine forecasts and warnings on reverse.] * Paper, 10c. C 30.22/3: Ea 7/968

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- 14965 Eureka to Point Conception, Calif. Scale 50 naut. m.=2 in. Revised May 1968. [1968.] 19 x 12 in. [Broadcast schedules of marine forecasts and warnings on reverse.] * Paper, 10c. C 30.22/3: Eu 7/968
- 14966 Manasquan, N.J. to Cape Hatteras, N.C. and Chesapeake Bay. Scale 50 naut. m.=1.8 in. Revised June 1968. [1968.] 12 x 19 in. [Broadcast schedules of marine forecasts and warnings on reverse.] * Paper, 10c. C 30.22/3: M 31/968
- 14967 Warning facilities chart: Hawaiian waters, Scale 50 naut. m.=2.6 in. Apr. 1, 1969. 12 x 19 in. [Broadcast schedules of marine forecasts and warnings on reverse.] * Paper, 10c. C 30.22/3: H 31/2/969
- 14968 Weather Bureau marine services chart: Alaskan waters. Scale 100 naut. m.=2.4 in. May 1969, 12 x 19 in. [Lambert conformal conic projection. Text on reverse.] * Paper, 15c. C 30.22/6: Al 1 s/969

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

 14969 Expanding opportunities for girls, their special counseling needs. [July 1969.] [4] p. 4° ([WB 69–134.]) † L 13.2: G 44/3/969

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