MONTHLY BASALOG

UNITED STATES

GOVERNMENT PUBLICATIONS

MARCH 1972

Entries 3289-4824

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MONTHLY CATALOG

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OF UNITED STATES

GOVERNMENT PUBLICATIONS

MARCH 1972

Number 926

Entries 3289-4824

L.C. Card 4-18088

FOR SALE BY THE SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, DC 20402. PRICE 75 CENTS PER COPY EXCEPT DECEMBER (INDEX) ISSUE, WHICH VARIES IN PRICE SUBSCRIPTION PRICE \$7.00 PER YEAR (INCLUDING INDEX) \$1.75 ADDITIONAL FOR FOREIGN MAILING

PREVIEWS

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

Air pollutants affecting the performance of domestic animals, a literature review. (Agriculture Department, Agriculture handbook 380.) \$1.00.

A 1.76: 380/972

Airports and the community. (National Industrial Pollution Control Council.)

30c. Y 3.In 2/8: 2 Ai 7/2

Consul General's Shanghai postal agency, 1867 to 1907. (Smithsonian Institution, Smithsonian studies in history and technology 13.) 60c. SI 1.28:13 Consumers' reaction to various peel oil levels in frozen concentrated orange fuice. (Agriculture Department Morlecting research and the concentrated orange fuice.

juice. (Agriculture Department, Marketing research report 946.) 40c.

A 1.82:946

Direct and contract hiring of seasonal farm labor. (Agriculture Department, Statistical bulletin 478.) 25c.

A 1.34:478
Disability days, United States, 1968. (National Center for Health Statistics,

Vital and health statistics series 10, number 67.) 50c.

HE 20.2210: 10/67

Employment and earnings, states and areas, 1939 through 1970. (Labor Statistics Bureau, Bulletin 1370–8.) \$4.50.

Eutrophication of surface waters, Lake Tahoe Indian Creek Reservoir. (Environmental Protection Agency, Water pollution control research series 16010 DNY 07/71.) \$1.25.

EP 1.16: 16010 DNY 07/71

Farmers, how to report your income for social security. (Social Security Administration, DHEW publication SSA 72-10025.) 10c., \$5.00 per 100.

Fluorescent lamps, the environmental compatibility of fluorescent and other mercury-containing lamps. (National Industrial Pollution Control Council.)

25c. Y3.In 2/8: 2 F 67

Fowl plague: Beware of this deadly foreign disease. (Agriculture Department, Program aid 987.) 15c.

A 1.68: 987

Gateway to citizenship. (Immigration and Naturalization Service.) \$1.00. ●

J 21.6/3: C 49/971

Geologic story of Yellowstone National Park. (Geological Survey, bulletin 1347.)

Graduate student support and manpower resources in graduate science education. (National Science Foundation, Surveys of science resources series

NSF 71-27.) \$1.25. NS 1.22: G 75/970 Handbook for analyzing jobs [1972]. (Labor Department.) \$2.50.

Hardwood and decorative plywood. (National Bureau of Standards, Product standard PS 51-71.) 30c. C 13.20/2:51-71

Importing a car. (Customs Bureau.) 10c.

Latin America, Spain, and Portugal, an annotated bibliography of paperback books. (Hispanic Foundation, Bibliographical series 13.) 75c.

LC 24.7:13 Metrology and standardization in less-developed countries: The role of a national capability for industrializing economies. (National Bureau of Standards, Special publication 359.) \$5.00.

National security strategy of realistic deterrence, statement of Secretary of Defense Melvin R. Laird, before the Senate Armed Services Committee on the FY 1973 defense budget and FY 1973-1977 program. (Defense Department.) \$1.75.

Our changing fisheries. (National Marine Fisheries Service.) \$9.00.

C 55.302: F 53

Outdoor classrooms on school sites. (Agriculture Department, Program aid 975.) 25c. ■ A 1.68:975
Parents can teach pre-reading skills at home. (Education Office.) 10c. \$5.00/

100. • HE 5.2: R 22/5

Pesticide inputs and levels, Minnesota waters, Lake Superior basin. (Environmental Protection Agency, Water pollution control research series 16050 EYT 06/71.) \$1.00.

Roses for the home. (Agriculture Department, Home and garden bulletin 25, revised.) 15c. ■ A 1.77: 25/10

Selecting shrubs for shady areas. (Agriculture Department, Home and garden bulletin 142, revised 1970.) 15c.

A 1.77: 142/3

social learning. (National Institute of Mental Health.) \$1.50.

HE 20.2402: T 23/2/v.2

Tobacco industry and pollution. (National Industrial Pollution Control Council.)
20c. ■ Y3.In 2/8:2 T 55
Toward the new; a report on better foods and nutrition from agricultural re-

Toward the new; a report on better foods and nutrition from agricultural research. (Agriculture Department, Information bulletin 341, revised.) \$1.00. ▲ 1.75: 341/2
U.S. Office of Education support for the arts and the humanities, 1972. (Educa-

tion Office, DHEW publication OE 72-19.) 35c. HE 5.2: Ar 7/5/972

Vocational and technical education, annual report, fiscal year 1969. (Education Office.) \$1.25.

Water, man, and nature; a symposium concerning the ecological impact of water resource development. (Reclamation Bureau.) 50c. ■ 127.2: W 29/9/971

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Abbreviations

add	addition, addendum,	n. d	
	addenda.	n. p	no place.
amdt., amdts	amendment, amend-	no., nos	number, numbers.
	ments.	p	page, pages.
	appendix, appendixes.	p. of pl	pages of plates.
bk., bks		par., pars	paragraph, para-
chap			grapus.
Cong		pl	plate, plates.
Dept		por	portrait, portraits.
doc	document.	pt., pts	part, parts.
facsim	facsimile, facsimiles.	rp	
fy	fiscal year.	S	Senate, Senate bill.
G.H.A	Greenwich hour angle.	S. Con. Res	Senate concurrent reso-
H	House.		lution.
H. Con. Res	House concurrent reso-	S. doc	Senate document.
	lution.	S. ex. doc	Senate executive docu-
H. doc			ment.
H. ex. doc	House executive docu-	S. ex. rp	Senate executive re-
		C T Dec	Senate joint resolution.
	House joint resolution.	S. J. Res S. Res	
H.R	House of Representa- tives, House bill.	S. Res S. rp	Sanata report
H. Res		sec	section sections
		sess	session sessions.
Н. гр	illustration, illustra-	Stat. L	Statutes at large.
11	tions.	supp	supplement.
in		tab	table, tables.
lat	latitude.	Treas	Treasury.
long	longitude	V	volume, volumes.
10118	mila	vs., v	versus.
m hbrasilas	tions for the names of S		

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

An explanation of the symbols used to designate sizes of publications is given on the inside of the front cover.

Explanation

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

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

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LIBRARY CLASSIFICATION IN DOCUMENTS OFFICE

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

New Classification Numbers

1 00 10 11 1	Statistical Reporting Service.
A 92.18/11: date	Mink Production, pelts produced in [Calendar
	year].
G 0 000 HT	Census Bureau.
C 3.223/17: date/nos	
	areas, PHC(3) (series).
C 3.247: nos	DAUList (series).
	Environmental Data Service.
C 55.220/3: date	World Data Center A: Oceanography, ocean-
	ographic data exchange.
	Note.—See, for earlier class, NS 1.32:(date).
C EE 91E . COD	National Marine Fisheries Service.
C 55.315: CT	Posters.
C 55.316: nos	Statistical digest.
	Note.—See, for earlier class, I 49.32:(nos.). Radiation Programs Office.
EP 6.10/2: nos	ORP/SID [Surveillance and Inspection Divi-
21 0.10/2. 1105	sion] (series).
	NOTE —See for earlier class FS 2 214/2 (nos)
	NOTE.—See, for earlier class, FS 2.314/3:(nos.), BRH/DER (series).
	National Archives and Records Service.
GS 4.20/2: nos	Contents and price list for microfilm publica-
	tions.
	Health, Education, and Welfare Department.
HE 1.41: date	DHEW obligations to [various institutions]
	NOTE.—See, for earlier publications, HE 1.2: Ed 8/3 (date), HE 20.3002: M 46/2 (date).
	Social and Rehabilitation Service.
HE 17.6: CT	
11.0.01	National Center for Social Statistics.
HE 17.644: date	Fair hearings in public assistance, NCSS re-
2110221 (4400-2	port E-8.
	Health Manpower Education Bureau.
HE 20.3114/3: CT	Health manpower clearinghouse series.
	National Institute of Neurological Disease and
	Stroke.
HE 20.3513/2: nos	Biblio-profile on human communication and its
	disorders, capsule State-of-the Art reports
	with bibliographies.
	Budget and Management Office.
PrEx 2.19: date	Proceedings of Federal management improve-
	ment conference (annual).
	Consumer Affairs Office.
PrEx 16.8: CT	Handbooks, manuals, guides.
	Cost of Living Council.
PrEx 17.1: date	Annual report.
PrEx 17.2: CT	General publications.
PrEx 17.3:6: Reserved	E diversity of the control of the co
PrEx 17.7: date	Cost of Living Council news.
	Federal Highway Administration.
TD 2.23: date	Highway statistics (annual).
	NOTE.—See, for earlier class, TD 2.110:(date).

Discontinued Series

Tariff Commission.

TC 1.25/4: nos

Preliminary report on U.S. production and sales of plastics and resin materials, S.O.C. series P (monthly).

Note.—Discontinued with no. 71-12, dated Feb. 16, 1972.

Corrections for Previous Monthly Catalogs

Dec. 1970. Entry 18142, Chromium; [by John L. Morning]. [1970.] Correct class to read I 28.37/a: C 468/2/969.

Jan. 1971. Entry 937, Airframe and powerplant mechanics certification information. Correct class to read TD 4.8: Ai 7/21/970.

Nov. 1971. Entry 17127, Multinational production consortia, lessons from NATO experience. Correct class to read S 1.2: P 94/5.

Jan. 1972. Entry 263, Restoration of effective sovereignty to solve problems . . .

Add • Item 1000 at end of entry.

Entry 659, Agricultural benefits and environmental changes resulting from use of digested sludge on field crops. Add • Item 487-A-1 at end of entry.

Entry 761, Summary of selected legislation relating to the handicapped.

Correct class to read HE 1.2: H 19/971.

— Entry 765, FAIR [Fair Access to Insurance Requirements] plan, basic property insurance. Change class to read HH 1.2: F 15/2.

Entry 806, Tax guide for U.S. citizens abroad. Correct class to read T 22.19/2: C 49/972.

Entry 947, Chromium; [by John L. Morning]. [Preprint from Minerals

Yearbook, 1970.] Correct class to read I 28.37/a: C 468/2/970.

— Entry 1108, Anthropology of Numa, John Wesley Powell's manuscripts on Numic peoples of western North America, 1868–1880. Correct class to read SI 1.33:14; correct series number to read 14.

List of Government Authors

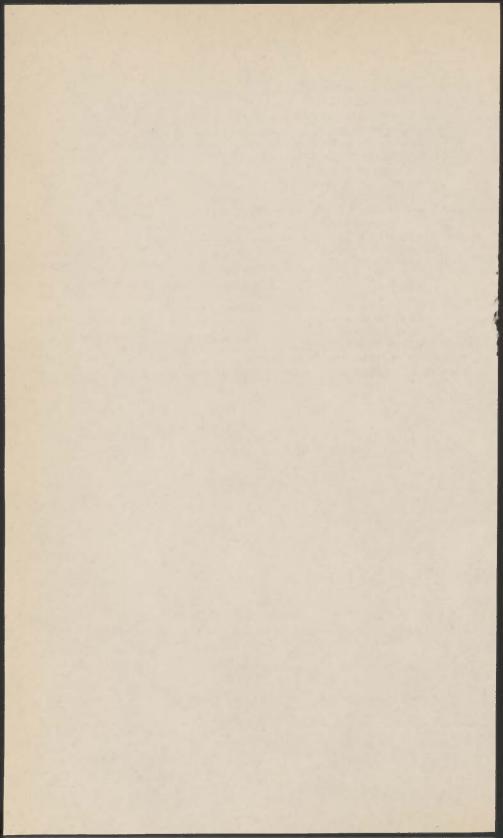
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Monthly Catalog

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ADVISORY COMMISSION ON INTERGOVERNMENTAL RELATIONS Washington, DC 20575

- Special revenue sharing, analysis of administration's grant consolidation 3289 proposals. Dec. 1971. v+64+[1] p. (M-70; Information report.) * Paper, 40c. • Item 1049-D L.C. card 72-600585 Y 3.Ad 9/8: 2 R 32/2
- State-local revenue systems and educational finance. Nov. 12, 1971, revised 3290 Dec. 30, 1971. [1972.] [269] p. 4° [Report presented to President's Commission on School Finance.] † • Item 1049–D Y 3.Ad 9/8: 2 Ed 8 L.C. card 72-600676

AGRICULTURAL RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

- ARS (series). 91-17-6. Health requirements and regulations governing interstate and international movement of livestock and poultry, State [and] Federal; [prepared by Animal Health Division]. Dec. 1971. cover title, [504] p. [Issued with perforations. Supersedes ARS 91-17-5, Dec. 1969.] ↑ ● Item 25-B 3291
- Checklist of summaries of plant quarantine requirements of foreign coun-3292 tries. Oct. 27, 1971. 3 p. (353-A; Agricultural Quarantine Inspection Division.) [Supersedes Check list of summaries, rev. Jan. 1970. Issued with A 77.329: list/971 perforations.]
- Conservation research report. 15. Soil conservation practices and crop production in blacklands of Texas; [by Ralph W. Baird and Walter G. Knisel, jr.]. Nov. 1971. [2] +23 p. il. [Prepared in cooperation with Texas Agricultural Experiment Station.] * Paper, 25c. (S/N 0111-0083). ● Item 25-D A 77.23:15 3293
- Man, planetary disease, 1971 B. Y. Morrison memorial lecture; [by Ian L. 3294 McHarg.]. [Nov. 1971.] cover title, [2]+28+[2] p. il. [Presented in cooperation with Wildlife Management Institute at North American wildlife and natural resources conference, Portland, Oreg., Mar. 10, 1971.] • Item 25-A-1 A 77.10: M 18 L.C. card 72-600660

AGRICULTURE DEPARTMENT Washington, DC 20250

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

- A 1.76: (nos.) Agriculture handbooks. • Item 3
- 305. Professional workers in state agricultural experiment stations and other cooperating state institutions, 1971-72. Revised Dec. 1971. [1972.] iv +334 p. [Map on p. 4 of cover.] * Paper, \$1.25 (S/N 0100-1660).

 341. USDA standards for food and farm products [list]. [Revised Jan. 1972.] [1972.] 15 p. 4° (Consumer and Marketing Service, Information Division.) † 3295 3296
- Agriculture information bulletins. Item 4 A 1.75:(nos.) 260. Soil erosion, work of uncontrolled water; [by R. D. Hockensmith and J. G. Steele]. [Revised Dec. 1971.] [1971.] 16 p. il. ([Soil Conservation Service].) * Paper, 10c. (S/N 0100-1550). 3297

ofFor Sale by National Technical Information Service, Springfield, VA 22151 Sent to Depository Libraries

Agriculture information bulletins-Continued 356. Balance sheet of farming sector; [by Carson D. Evans [and others]. Dec. 1971, ii+38 p. il. 4° (Economic Research Service.) * Paper, 40c. 3298 Auditors and special agents in U.S. Department of Agriculture. [1972.] 14 p. il. 4° (Office of Inspector General.) † • Item 10 A 1.2: Au 2 Farmers' bulletins. • Item 9 2246. Growing strawberries in Southeastern and Gulf Coast States; [by D. H. Scott and G. M. Darrow]. [Jan. 1972.] [2]+33 p. il. ([Plant Science Research Division, Agricultural Research Service.]) [Supersedes Farmers' bulletin 1026, Strawberry culture, South Atlantic and Gulf Coast Regions.] * Paper, 25c.

2248. Treating farmstead and rural home water systems. [Jan. 1972.] [16] p. il. ([Agricultural Engineering Research Division, Agricultural Research Service.]) * Paper, 10c. (S/N 0100-1421).

2250. Warm-water fishponds; [by Olan W. Dillon, jr. and others]. Dec. 1971. [2]+14 p. il. * Paper, 15c. 3300 3301 3302 10. Home freezing of fruits and vegetables; [prepared by Consumer and Food Economics Research Division, Agricultural Research Service]. [Revised May 1965, slightly revised Nov. 1971.] [1971.] 48 p. il. * Paper, 20c.
69. Home care of purchased frozen foods; [prepared by Consumer and Food Economics Research Division, Agricultural Research Service]. [Aug. 1960, slightly revised Sept. 1971.] [1971.] [2] + 6 p. il. [Includes list of Agriculture Department publications that contain information on home frozen foods.] * Paper, 5c.
110. Poultry in family meals, guide for consumers; [prepared for Consumer and Food Economics Research Division, Agricultural Research Service]. [Kevised Dec. 1971.] [2] + 30 p. il. * Paper, 20c.
125. Fruits in family meals, guide for consumers; [prepared by Consumer and Food Economics Research Division, Agricultural Research Service]. [Jan. 1966, slightly revised Jan. 1972.] [1972.] [2] + 30 p. il. * Paper, 20c. (8/N 0100-1562).
162. Kepling food safe to eat, guide for homemakers; [prepared by Consumer and Repair Consumer and Property Consumer and Consumer Research Division, Agricultural Research Service].
162. Kepling food safe to eat, guide for homemakers; [prepared by Consumer and Property Consumer Research Service]. Home and garden bulletins. • Item 11 A 1.77: (nos.) 3303 3304 3305 3306 162. Keeping food safe to eat, guide for homemakers; [prepared by Consumer and Food Economics Research Division, Agricultural Research Division]. [June 1969, slightly revised Dec. 1971.] 12 p. il. * Paper, 10c. (S/N 0100-1571). 3307 Leaflets. • Item 12 360. Growing table beets; [prepared by Plant Science Research Division, Agricultural Research Service]. [Revised Nov. 1971.] [1971.] 6 p. il. * Paper, 10c. (\$\section{8}\text{N}\text{0100-1440}\).
424. Food for fitness, daily food guide; [prepared by Consumer and Food Economics Research Division, Agricultural Research Service]. [Mar. 1958, slightly revised Dec. 1971.] [1971.] 8 p. il. narrow 8° * Paper, \$11.25 per 3308 3309 555. Rhubarb production; [prepared by Plant Science Research Division, Agricultural Research Service], [Jan. 1972.] [1971.] 8 p. narrow 8° [Supersedes Leaflet 354, Rhubarb production, outdoors and In.] * Paper, 10c. (S/N 0100-1471). 3310 A 1.82:(nos.) Marketing research reports. • Item 13-B 914. Modernizing handling systems for Florida citrus from picking to packing line [with list of literature cited]; by Earl K. Bowman [and others]. Dec. 1971. 1v+54 p. il. 4° (Agricultural Research Service.) [Prepared in cooperation with Florida agricultural experiment stations.] * Paper, 60c. 933. Drying farmers' stock peanuts with intermittent exposures to heated air [with list of literature cited; by John D. Woodward and Reed S. Hutchison], [Feb. 1972.] [2]+25 p. il. 4° (Agricultural Research Service.) * Paper, 25c. (8/N 0100-1447). 3311 3312 Miscellaneous publication. 1217. Plant-growth chamber. Dec. 1971. [2] p. il. 4° (Cooperative farm building plan exchange, plan 5980; [Agricultural Engineering Research Division, Agricultural Research Service].) * Paper, 5c. (S/N 0100-1537).

A 1.36: 1217 3313 PA [Program aid] (series). • Item 14-A A 1.68: (nos.) 3314

436. Khapra beetle, pest of stored grains and cereal products; [prepared by Plant Protection Programs, Animal and Plant Health Service]. [Revised Jan. 1972.] 6 p. II. [Illustrations are colored.] †

533. What U.S. Department of Agriculture can do when natural disaster strikes. [Revised Dec. 1971.] [1972.] [8] p. narrow 8° †

3316 613. Trees of the forest, their beauty and use. [Apr. 1964, slightly revised Dec. 1971.] [1971.] cover title, 24 p. il. 4° (Forest Service.) * Paper, 25c. 3317 667. Agriculture Department's food donation programs. Slightly revised Nov. 1971. [1971.] [6] p. il. narrow 8° (Food and Nutrition Service.) [Supersedes PA-555, Direct food distribution program.] †

sedes PA-555, Direct food distribution program.]

799. Loans for resource conservation and development [Revised Nov. 1971.]

[1971.] [4] p. il. narrow 8° (Farmers Home Administration.) †

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- 981. Extension home economics—helps today's families build better lives. [Oct. 1971.] [14] p. il. oblong 24° ([Cooperative] Extension Service.)
 *Paper, 15c. (S/N 0100-1456).

 Production research reports. Item 13-C A 1.84:(nos.)
- 3320 138. Shipment of corn earworm pupae through U.S. postal system; [by J. Wendell Snow and others]. [Nov. 1971.] [5] p. il. 4° (Agricultural Research Service.) [Prepared in cooperation with University of Georgia Agricultural Experiment Station.] * Paper, 10c. (S/N 0100-1591).
- 140. Evaluation of some potato varieties and breeding lines for resistance to too early blight; [by Muriel J. O'Brien and R. V. Akeley]. [Nov. 1971.]
 6 p. il. ([Plant Science Research Division.], Agricultural Research Service.) * Paper, 10c. (S/N 0100-1493).

Science study aid (series).

- 3322 4. Nitrate water activities; [prepared by information Division, Agricultural Research Service]. [Oct. 1971, slightly revised Jan. 1972.] [1972.] 12 p. il. 4° * Paper, 15c. Item 14-B
- 3323 Statement of Earl L. Butz, Secretary of Agriculture, before Committee on Agriculture and Forestry, U.S. Senate, Jan. 24, 1972. 1972. 8 p. 4°
 † A 1.40: B 98/51
- Technical bulletins. Item 16 A 1.36:(nos.)

 3324 1429. Thermology of wintering honey bee colonies [with list of literature cited; by Charles D. Owens]. [Nov. 1971.] [2]+32 p. il. 4° (Agricultural Research Service.) * Paper, 30c.
 L.C. card 72-600818
- 3325 1433. Survey of milk production practices and facilities and bacteriological quality of manufacturing-grade milk in United States [with list of literature cited; by Roger Dabbah and others]. [Nov. 1971.] [2]+19 p. (Agricultural Research Service.) [Prepared in cooperation with Minnesota Agricultural Experiment Station.] * Paper, 15c.

 L.C. card 72-600697
- 3326 1439. Evaluation of cyclone collector for cotton gins; [by Richard A. Wesley, William D. Mayfield, and Oliver L. McCaskill]. [Jan. 1972.] [2]+13 p. il. (Agricultural Research Service.) * Paper, 10c. (S/N 0100-1420).
- 3327 1442. Automatic moisture control for continuous grain dryers [with list of selected references; by G. L. Zachariah and others]. [Jan. 1972.] ii+49 p. il. (Agricultural Research Service.) [Prepared in cooperation with Purdue University Agricultural Experiment Station.] * Paper, 30c. (S/N 0100-1444).
- 3328 1443. Southern potato wireworm, its biology and economic importance in Coastal South Carolina [with list of literature cited; by Augustine Day, F. P. Cuthbert, jr., and W. J. Reid, jr.]. [Dec. 1971.] [2] + 33 p. ii. [Prepared in cooperation with South Carolina Agricultural Experiment Station.] * Paper, 20c. (S/N 0100-1464).

AIR FORCE DEPARTMENT, Defense Dept. Washington, DC 20330

- Air Force manual AFM (series). D 301.7:(nos.)
- 3329 2-53. See, Army Department, Field manual 31-11.
 3330 78-23. See Defense Department, Defense Supply Agency handbook, DSAH
 4215.19.
- 3331 78-52. See Defense Department, Defense Supply Agency handbook DSAH 4215.47.
- 3332 88-15. Facility design and planning: Air Force design manual criteria and standards for Air Force construction, Change 2. Dec. 30, 1971. [209] p. il. 1 pl. 4° [Issued with perforations.] ‡ Item 421
- 3333 143-3B. See, Army Department, Field manual 10-63.
- 3334 160-34. Medical service: Medical airman's manual, Feb. 3, 1970, Change 2.

 Jan. 11, 1972. [102] p. il. 4° [Issued with perforations.] ‡ Item
 - Air Force pamphlet AFP (series).
- 3335 211-4. See, Information for Armed Forces, Office of, DoD pamphlet GEN-6D.
 D 301.35:
 - Air Force technical order TO (series).
- 3336 40P-1-131. See Army Department, Technical manual 5-551K. D 301,17/2:
- Lithograph series, set 16, U.S. Air Force [cadets]. 1971. 12 colored prints each 10 x 8 in. or 8 x 10 in. [Colored lithographs suitable for framing. Issued in envelope.] * Paper, \$1.25 per set (S/N 0870-3008).

 D 301.76: 16

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---- set 17, U.S. Air Force [aircraft]. 1971. 12 colored prints each 10 x 8 3338 or 8 x 10 in. [Colored lithographs suitable for framing. Issued in en-D 301.76:17 velope.] * Paper, \$1.25 per set (S/N 0870-0309).

AIR PROGRAMS OFFICE, Environmental Protection Agency Rockville, MD 20852

Air Programs Office publication AP (series).

102. Federal air quality control regions; prepared by Office of Assistant Commissioner for Regional Activities. Jan. 1972. ii+199 p. ii. 4° * Paper, \$1.50.

• Item 483-E

L.C. card 72-600816

Air Programs Office publication APTD (series). • Item 483-E

EP 4.9/2:(nos.)

0737. Selected studies on alkaline additives for sulfur dioxide control [with list of references]; by R. H. Borgwardt [and others]. Dec. 1971. ix+240 p. il. 4° † Office of Technical Information and Publications, Environmental Research Center, Research Triangle Park, NC 27711
0740. Air pollution control active research grants, for fiscal year 1971. July 1971 [2d printing 1972]. [1972.] (Office of Research Grants, Research Triangle Park, N.C.) vi+55 p. 4° † 3340

3341

AIR TRAFFIC SERVICE, Transportation Dept. Washington, DC 20553

Contractions [handbook], 7340.IC. Feb. 1, 1972. cover title, [100] p. 4° 3342 [Effective Feb. 1, 1972. Cancels 7340.1B. Issued in looseleaf form.] * Paper, \$3.75 (including basic handbook and supplementary material for an indefinite period); \$1.00 additional for foreign mailing. • Item TD 4.308: C 76/972 431-D-1

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AMC pamphlet. (Army Materiel Command.)

310-1. Military publications: Index of publications and blank forms, [current as of Nov. 30, 1971]. Jan. 1972. 122+[1] p. 4° [Issued with perforations. Supersedes AMCP 310-1, Jan. 4, 1971.] † © Item 322-A D101.22/3:310-1/12 3343 ● Item 322-A

Army Electronics Command, Fort Monmouth, N.J.: Research and development technical report ECOM (series). (Reports control symbol D 111.9/4:(nos.) OSD-1366.)

3344

3398. Low-power HF synthesizer; by John S. Slechta. May 1971. iv+[1]+22 +2 p. il. 4° [DA work unit 1H631024D25203011.]
3398. Application study, discrete element display [with bibliography]; by Charles F. Browne. May 1971. iv+[1]+34+2 p. il. 4° [DA work unit 1H6.63703.D654.03.041.]
3407. Computer programs to avaluate semiconductor metaviels in conjunction 3345

3407. Computer programs to evaluate semiconductor materials in conjunction with Schottky barriers [with list of references]; by Kenneth L. Klohn. Mar. 1971. iii+25+2 p. il. 4° [DA work unit 1H6-22001-A-056-04-3346

3413. Oscilloscopic polarography at glassy carbon electrodes in molten lithium chloride-potassium chloride eutectic [with list of references; by] Wishvender K. Behl. Apr. 1971. [1] + lii + 19 + 2 leaves II. 4° [DA work unit 17061102A34A02 432.]
3418. Thermoelectric effect of silver iodide [with list of references; by] Herbert F. Hunger. Apr. 1971. ili+27+2 p. il. 4° [DA work unit 17061102A34-132304.] 3347

3348 F. Hunge A02305.

3349

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3353

3427. Engineering evaluation of standard line low temperature batteries [with list of references; by] Achille L. Almerini. May 1971. iv+27+2 p. ii. 4° [DA work unit 17662705A05302773.]
3434. One-electron atom immersed in plasma; by R. L. Ross. June 1971. iv+36 +3 p. ii. 4° [DA work unit 17061102B11A01154.]
3435. Power conditioning and control module for hydrazine-air battery, type 1 PP-6204 ()/U; [by] Melvin E. Cannon. June 1971. iii+14+2 p. ii. 4° [DA work unit 17662705A05305261.]
3444. Engineering evaluation of primary organic electrolyte D cells; [by] Nicholas T. Wilburn. July 1971. iv+21+[2] p. ii. 4° [DA work unit 17662705A05305261.]
5353. Analysis of variance of time series data: pt. 2, two-way layout; by Elton P. Avara. Jan. 1971. v+24+[19] p. ii. 4° (Fort Monmouth, N.J.). [DA task 17061102B53A-18.]
5366. Evidence for sulfate as major condensation nucleus constituent in non-urban fog [with list of literature cited]; by Gayle S. Rinehart. Mar. 1971. v+14+[19] p. ii. 4° [DA task 17061102B53A-20.] 3354

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3355 5367. Data reduction program for rocketsonde temperatures; by Bruce W.

	p. il. 4° [DA task 1T061102B53A-18.]
3356	Mar. 1971. iii + 17 + [20] n il. 40 (Atmospheric Sciences Laboratory
3357	White Sands Missile Range, New Mex.) [DA task 1T665702D127-03.] 5385. Statistical model for estimation of variability variances from noisy data [with list of literature cited]; by Louis D. Duncan. May 1971. v+1: +[19] p. il. 4° (Atomic Sciences Laboratory, White Sands Missil Range.) [DA task 1T061102B53A-17.]
3358	5387. Spectral analyses of high-frequency atmospheric temperature fluctuations [with list of literature cited]; by Thomas H. Pries, Gaylon S.
3359	oratory, White Sands Missile Range.) [DA task 17061102B53A-17.] 5388. Least-squares weighted-layer technique for prediction of upper wineffects on unguided rockets [with list of literature cited]; by W. B. Miller, Abel Blanco [and] L. E. Traylor. June 1971. v+17+[20] p. il. 4º (Atmospheric Sciences Laboratory, White Sands Missile Range New Mex.) [DA task 17061102B524-17]
3360	5390. Capacitance electron density probe [with list of literature cited]; by Roberto Rubio, Jack Smith and Donald Maxwell. June 1971. v+18+[20] p. il. 4° (Atmospheric Sciences Laboratory, White Sands Missil
3361	il. 4° (Atmospheric Sciences Laboratory, White Sands Missile Range New Mex.) [DA task 1T061102B53A-17.] 5390. Capacitance electron density probe [with list of literature cited]; by Roberto Rubio, Jack Smith and Donald Maxwell. June 1971. v+1? + [20] p. il. 4° (Atmospheric Sciences Laboratory, White Sands Missil Range, New Mex.) [DA task 1T061102B53A-18.] 5398. Erbium laser propagation in simulated atmospheres: 2, High resolution measurement method [with list of literature cited]; by Kenneth O White [and others]. Aug. 1971. vi+14+[20] p. il. 4° (Atmospheric Sciences Laboratory, White Sands Missile Range, N. Mex.) [DA task 1T061102B53A-19.]
3362	1T061102B53A-19.] 6053. Micrometeorological field data from Davis, Calif., 1967 cooperative field experiment runs [with list of references]; by Ernest B. Stenmark and Lorne D. Drury, Aug. 1970. v+576+6+[2] p. il. 4° (Atmospheric Sciences Laboratory, Fort Huachuca, Ariz.) [DA task 1T061102B53A-17.]
3363	Field manual FM (series). ‡ • Item 324 D 101.20:(nos.) 10-63. Handling of deceased personnel in theaters of operations [July 6, 1959] Change 2. Jan. 5, 1972. 9 p. il. ([Navy Dept.] NAVMED P-5016 CH-2; [Air Force Dept.] AFM 143-38; [Marine Corps] NAVMC 2509- ACH 2) [Supercode FM 10, 62, Change 1, May 25, 1968]
3364	22-5. Drill and ceremonies. Nov. 1971. cover title, i, #127 p. il. 4° [Issued with
3365	CH-2; [Air Force Dept.] AFM 143-3B; [Marine Corps] NAVMC 2509-A-CH-2.) [Supersedes FM 10-63, Change 1, Mar. 25, 1965.] 22-5. Drill and ceremonies. Nov. 1971. cover title, i+127 p. il. 4° [Issued with perforations. Supersedes FM 22-5, Aug. 2, 1968, including all changes.] 31-11. Doctrine for amphibious operations. Aug. 1, 1967 [published 1971]. cover title, [213] p. il. 4° (Departments of Army, Navy, and Air Force Navy, NWP 22(B); Air Force ARM 2-53; Marine Corps LFM 01.) [Reprint which includes current pages from Change 1. Supersedes FM 31-11, NWP 22(A) and LFM 01, all of July 1, 1962. Issued with perforations.]
	Pamphlets. D 101.22:(nos.)
3366	27-20. Lessons in military law. Jan. 1972, cover title, [51] p. 4° [Issued with perforations.] ‡ • Item 327 (Rev. 1969)
3367	352-1. Dependents' education: Educational scholarships, loans and financial aids [with list of publications]. Jan. 1972. cover title, 44+[1] p. 44 [Issued with perforations. Supersedes DA Pamphlet 352-1, Apr. 14, 1969, including all changes.]
3368 3369	352-1. Dependents' education: Educational scholarships, loans and financial aids [with list of publications]. Jan. 1972. cover title, 44+[1] p. 4° [Issued with perforations. Supersedes DA Pamphlet 352-1, Apr. 14, 1969, including all changes.]; Item 327 (Rev. 1969) 360-503. See, Information for Armed Forces, Office of, DoD pamphlet GEN-6D. 550-47. Area handbook for Syria [with bibliography; by] Richard F. Nyrop [and others]. 1971. xiv+357 p. 11. [Prepared by Foreign American Studies, American University. Supersedes DA PAM 550-47, July 1965. Research and writing were completed May 1971.] * Cloth, \$3.00. Item 327 (Rev. 1969) L.C. card 75-177250 550-154. Area handbook for Indian Ocean Territories [with bibliographies: by]
3370	L.C. card 75-177250 550-154. Area handbook for Indian Ocean Territories [with bibliographies; by] Theodore L. Stoddard [and others], 1971. xvi+160 p. il. [Prepared for American University by Institute for Cross-Cultural Research. Research and writing were completed Mar. 19, 1971.] * Cloth, \$2.25. Item 327 (Rev. 1969) L.C. card 73-171984
3371	Technical manual TM (series). • Item 329 D 101.11:(nos.) 5-551K. Plumbing and pipefitting. July 1971. cover title, [177] p. ii. 4° (Air Force [Dept. TO] 40P-1-31.) [Issued with perforations. Supersedes
3372	TM 5-746, Oct. 24, 1962, and TM 10-200, Oct. 26, 1962.] \$ 8-225. Dental specialist [with lists of references]. Sept. 1971. [1972.] cover title, [382] p. il. 4° [Contains copyrighted material, Issued with perforations. Some illustrations are colored. Supersedes TM 8-225, Nov. 5, 1964.] * Paper, \$3.75 (8/N 0820-0400).
3373	USAAMRDL technical report. (Eustis Directorate, U.S. Army Air Mobility Research and Development Laboratory, Fort Eustis, Va.) 71-25. Full-scale wind-tunnel investigation of advancing blade concept rotor system [with list of literature cited]; by Vincent M. Paglino, Edward A. Beno. Aug. 1971. xvi+813+[2] p. il. 4° [Task 1F162203A14302, contract DAAJ02-67-C-0102. Prepared by United Aircraft Corporation, Sikorsky Aircraft Division, Stratford, Conn.] ‡ D 117.8/2:71-25
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USAAVLABS technical report. (Eustis Directorate, Army Air Mobility Research and Development Laboratory, Fort Eustis, Va.)

D 117.8/2:(nos.)

- 3374
- 3375
- 69-27. Thermal comparator for non destructively examining fiber components; by J. I. Craig, S. Smith [and] W. H. Horton. Sept. 1971. cover title, [11+viii+46+[2] p. il. 4° [Task 1F162204A17002, contract DA 44-177-AMC-115(T). Prepared by Stanford University, Stanford, Calif.] Nonsymmetric buckle patterns in progressive plastic buckling [with list of references]; by W. H. Horton, S. C. Bailey, A. M. Edwards. Sept. 1971. [11+x+28+[2] p. il. 4° [Prepared by Stanford University, Stanford, Calif., under contract DA44-177-AMC-11(T), task] F62204A17002.] 69-30. Effect of fiber direction on instability of single-layer glass-cloth resinimpregnated cylinders under uniform axial compression [with list of references]; by Joseph John Minecct. Sept. 1971. cover title, [1]+x +53+[2] p. il. 4° [Task 1F162204A17002, contract DA 44-177-AMC-115(T). Prepared by Stanford University, Stanford, Calif.] 69-48. Instability of glass fiber reinforced plastic panels under axial compression 3376
- 69-48. Instability of glass fiber reinforced plastic panels under axial compression [with list of references]; by Bruce Theodore Willey, Department of Aeronautics and Astronautics, Stanford University, Stanford, Calif. Sept. 1971. [1]+x+52+[2] p. 11. 4° [Prepared under contract DA 44-177-AMC-115(T), task 1F162204A17002, by Department of Aeronautics and Astronautics, Stanford University, Stanford, Calif.] 3377

ARMY MEDICAL DEPARTMENT, Defense Dept. Washington, DC 20310

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

- 3378 Annual report, Surgeon General, Army, fiscal year 1970; compiled by Historical Unit. [1972.] vii+133 p. il. 1 pl. ‡ • Item 349-C D 104.1:970
- 3379 Decade of progress, Army Medical Department 1959-69; editor, Rose C. Engelman. 1971 [published 1972]. xvii+214 p. il. (Office of Surgeon General.) * Fabrikoid, \$2.25 (S/N 0823-0044). • Item 351-A L.C. card 70-610424 D 104.2: M 46/5/959-69
- 3380 Entomologists in Medical Service Corps, United States Army. [1971.] 6 p. il. narrow 8° † • Item 351-A D 104.2: En 8
- 3381 Graduate student program in clinical psychology, counseling psychology [and] experimental psychology. [1971.] 6 p. narrow 8° (Medical Service Corps.) † • Item 351-A D 104.2: P 95/2/971

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Y 3.At 7: 22/(letters-nos.) Radioactivity of atmosphere [reports on symposium, Obninsk, July 30-Aug. 2, 1968, with bibliographies; K. P. Maknon'ko, editor]. [Oct. 1971.] cover title, [1] + iii + 160 p. 11. 4° (Translation series.) [Moskovskoe Otdelenie 3382 AEC-tr-7268. [Moskovskoe Otdelenie Gidrometeoizdata, Moscow, 1970.]

Determination of boundary of high frequency wave absorption between electron cyclotron and low hybrid frequency [with bibliography; by B. V. Galaktinov and others], [Oct. 1971.] cover title, 7 p. il. 4° (Translation series.) [Akademiya Nauk SSSR, Leningrad, Ordena Lenina Fiziko-Tekhnicheskii Institut Im. A. F. loffe, Russian re-3383 AEC-tr-7270.

port FTI-295.] 3384 AEC-tr-7271.

Plasma density measurement by means of an open resonator [with bibliography; by I. Ulshmid and I. A. Bez'yazy-chnyy]. [1971.] cover title, 19 p. II. 4° (Translation series.) [Akademiya Nauk USSR, Khar'kov. Ordena Lenina Fiziko-Tekhnicheskii Institut. Russian report KHFTI-69-51.]

Characteristics of collisionless damping of electromagnetic wave in region of intense inhomogeneity of cold plasma [with bibliography; by V. V. Dolgopolov and A. Ya. Omel'chenko]. [1971.] cover title, 17 p. il. 4° (Translation series.) [Akademiya Nauk USSR, Kar'kov. Ordena Lenina Fiziko-Teknicheskii Institut. Russian report KHFTI-69-53.] 3385 AEC-tr-7272.

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3391	AEC-tr-7279.	Linear transformation and absorption of waves in plasma [with bibliography; by V. E. Golant and A. D. Piliya]. [Nov. 1971.] cover title, 70 p. 11. 4° (Translation series.) [Akademiya Nauk SSSR, Leningrad, Flziko-Teknicheskii Institut. Russian report NP-18504.] Diffusion in experiments on high-frequency stabilized plasma [with bibliography; by L. V. Dubovoy and V. F. Shanskiy]. [Nov. 1971.] cover title, 11 p. 4° (Translation
3392	AEC-tr-7280.	[with bibliography; by L. V. Dubovoy and V. F. Shan- skly]. [Nov. 1971.] cover title, 11 p. 4° (Translation series.) [Scientific Research Institute of Electro-Physical Apparatus, Leningrad, SSSR. Russian report NP-18145.] Recording of plasma oscillations induced by external super- high-frequency field [with bibliography; by G. M. Bat- anov, K. A. Sarksyan, and V. A. Silin]. [Nov. 1971.] cover title, 9 p. il. 4° (Translation series.) [Akademiya Nauk
3393	AEC-tr-7281.	18471.]
3394	AEC-tr-7282.	charges near harmonics of electron cyclotron frequency [with bibliography; by V. N. Budnikov, K. M. Novik, and A. A. Obukhovi, [Dec. 1971.] cover title, 7 p. il. 4° (Translation series.) [Akademiya Nauk SSSR, Leningrad. Fiziko-Tekhnicheskii Institut. Russian report NP-18503.] Turbulent heating of ions skinned high-frequency discharge
0391	ABC-11-1202.	[with bibliography; by L. V. Dabovoy, V. A. Ivanov, and V. I. Chernobrovin]. [Dec. 1971.] 18 p. il. 4° (Translation series.) [Gosudarstvennyl komitet po ispol'zovaniyu atomnoi energii, Leningrad, SSSR. Russian report NP—18187.]
3395	AEC-tr-7284.	Transport processes in toroidal magnetic traps, 1, initial equations [with bibliography; by L. M. Kovrizhnykh]. [Dec. 1971.] cover title, 32 p. 4° (Translation series.) [Akademiya Nauk, SSSR, Moscow, Fizicheskii Institut. Russian report NP-18340.]
3396	COO-1332-26.	Contributions to bibliography of raccoon (Procyon lotor); [by Glen C. Sanderson and others]. Sept. 1971. cover title, 82 p. 4° (Museum of Natural History, University of Minnesota, Minneapolis, Minn.) L.C. card 70-616042
3397	COO-1592-37.	Irradiation of fruits and vegetables, summary report, Apr. 1966-Dec. 1970; [by P. Markakis and others]. Sept. 1971. cover title, iv+24 p. 4° (Department of Food Science, Michigan State University, East Lansing, Mich.)
3398	NAS-NS-3113.	Cation-exchange techniques in radiochemistry [with list of literature references; by D. L. Massart]. [Dec. 1971.] cover title, iv+195 p. (National Academy of Sciences, National Research Council, Nuclear science series, radiochemical techniques.)
3399	ORNL-IBP-71-7.	Portable system for continuous analysis of environmental carbon dioxide [with list of literature cited; by] Nelson T. Edwards, R. I. Van Hook, jr., [and] Frank Rau. [Nov. 1971.] cover title, vi+25 p. ii. 4° (Ecological Sciences Division publication 411; International Biological Program, UC-48-Biology and Medicine.) [Contract W-7405-eng-26.]
3400	PNE-959.	Cabriolet, report of off-site surveillance for Project Cabriolet. Dec. 27, 1971. cover title, [1]+vii+70 p. il. 4° (Plowshare, civil, industrial, and scientific uses for nuclear explosives.) [Public Health Service, Las Vegas, Nev.]
		y National Technical Information Service, eld, VA 22151

AEC research and development reports—Continued TID-25804.

Thulium oxide for thermal source applications: pt. 1, Material properties measurements; pt. 2, Environmental behavior and mechanical, thermal and chemical stability enhancement [with lists of references, by C. A. Nelson and others]. 1970. cover title, [258] p. il. 4° (Sanders Nuclear Corporation, Nashua, N.H.)

TID-21015 (rev. 3).

Interpolated values for schedule of base charges and standard table of enriching services. Aug. 1971. cover title, [3]+245 p. 4° (Production Division, Oak Ridge Operations Office, AEC, Oak Ridge, Tenn.)

Trip report of travel in Soviet Union by three-man team of specialists on turbulent heating, Oct. 10-Nov. 1, 1970; [by Charles B. Wharton, Anthony Robson and Igor Alexeff]. Sept. 1971. cover title, [1]+25 p. il. 4° (Cornell University, Ithaca, N.Y., Texas University, Austin, Tex., and Oak Ridge National Laboratory, Oak Ridge, Tenn.) 3401 3402 3403

AVIATION MEDICINE OFFICE, Transportation Dept. Washington, DC 20553

[Aviation medical report] AM (series).

70-16. Survival in emergency escape from passenger aircraft [with list of references; by] Clyde C. Snow, John J. Carroll, Macke A. Allgood. Oct. 1970. [6]+58+[1] p. il. 4° & Paper, \$3.00. 3404

Directory, aviation medical examiners. Oct. 1971. cover title, [7]+300 3405 TD 4.211:971-3 • Item 431-E-2

TD 4.210:(nos.) FAA-AM (series). Paper, each, \$3.00. 71-36. Relationship between chronological age and aptitude test measures of advanced-level air traffic control trainees [with list of references]; by Bart B. Cobb, Carolyn D. Lay, [and] Nancy M. Bourdet. July 1971. cover title, [3]+34+[2] p. il. 4° [Performed under tasks AM-C-69-PSY-5, AM-A-70-PSY-23, AM-B-71-PSY-23. Abstract cards attached.] 3406 tached.]

3407

tached.]

71-39. Alcohol and disorientation-related responses: 5, Influence of alcohol on positional, rotary, and coriolis vestibular response over 32-hour periods [with list of references; by] Ronald J. Hill, William E. Collins, David J. Schroeder. Oct. 1971. cover title, [3]+18+[2] p. il. 4°

71-41. Acute toxicity of brief exposures to HF, HCl, NOs, and HCN singly and in combination with CO [with list of references; by] E. Arnold Higgins [and others]. Nov. 1971. cover title, [2]+8 p. il. 4° [Prepared under Task AM-B-71-PHY-41; contract 1AC-60027-D. Abstract cards attached] 3408 tached.]

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

Guide to civil defense management in aluminum industry, industrial civil 3409 defense handbook [with bibliography]. [Aug. 1970.] 52 p. il. 4° F-3.52.]) [Prepared in cooperation with Department of Defense, Office of Civil Defense. Seals of Commerce Department and Defense Department appear on front cover.] † • Item 215-G & 320-B-3 C 41.6/9: C 49/3

CENSUS BUREAU, Commerce Dept. Suitland, MD 20233

Annual survey of manufactures, 1969. M69 (AS) (series). ([Industry Division.]) † Prices, 25c. each. • Item 134-A C 3.24/9: M 69 (AS)-(nos.)

6.1. Statistics for States, standard metropolitan areas, large industrial countles and selected cities: pt. 1, New England division. [Dec. 1971.] cover title, 3410

3411

3412

and selected cities: pt. 1, New England division. [Dec. 1971] color [131] p. 11. 4°
6.4. Statistics for States, standard metropolitan statistical areas, large industrial counties, and selected cities: pt. 4, West North Central division. [Dec. 1971.] cover title, ii+16+A5+B-3 p. 11. 4°
6.5. Statistics for States, standard metropolitan statistical areas, large industrial counties, and selected cities, pt. 5, South Atlantic Division. Jan. 1972, ii+26+A5+B3 p. 11. 4°
6.6. Statistics for States, standard metropolitan statistical areas, large industrial counties, and selected cities, pt. 6, East South Central Division. Jan. 1972. ii+15+A5+B3 p. 11. 4° 3413

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- 6.7. Statistics for States, standard metropolitan statistical areas, large industrial counties, and selected cities: pt. 7, West South Central division. [Dec. 1971.] cover title, [1]+15+A5+B3 p. il. 4°
 6.8. Statistics for States, standard metropolitan areas, large industrial counties, and selected cities: pt. 8, Mountain division. [Dec. 1971.] cover title, [21] 3414
- 3415 p. il. 4º
- 1967 census of business: v. 2, Retail trade area statistics, pts. 1-3, Change. 3416 C 3.202/5: 967/v.2/pt.1-3/ch. Dec. 1971. [18] p. 4° • Item 132 +
 - 1967 census of construction industries, area statistics, CC67-A (series). C 3.245/3: CC 67-A-(nos.) • Item 133-D-2
- Florida, Change. Feb. 1971. 1 p. 4°
 Massachusetts, Change. Feb. 1971. 1 p. 4°
 Mississippi, Change. Feb. 1971. 2 p. 4°
 Pennsylvania, Change. Feb. 1971. 1 p. 4° 3417 3418
- 3419 3420
- 1967 census of construction industries, industry statistics, CC 67-1 (series). C 3.245/3: CC 67-1-(nos.) • Item 133-D-2
- 1A. United States summary: pt. A, Statistics for all construction establishments, Change sheet. [1971.] 1 p. 4°

 1B. United States summary: pt. B, Statistics for construction establishments with payroll, Change sheet. Feb. 1971. 2 p. 4°

 2. General building contractors, SIC 1511, Change sheet. Feb. 1971. 2 p. 4°

 3. Highway and street construction contractors, SIC 1611, Change sheet. Feb. 1971. 1 p. 4°

 5. Plumbing, heating (except electric), and air conditioning special trade contractors, SIC 1711, Change sheet. Feb. 1971. 1 p. 4°

 7. Electrical work special trade contractors, SIC 1731, Change sheet. Feb. 1971. 1 p. 4° 3421
- 3422
- 3423
- 3424
- 3425
- 3426 1 p. 40
- Concrete work special trade contractors, SIC 1771, Change sheet. Feb. 1971. 3427 14. 1 p. 4°
- 3428 17.
- Ornamental metal work special trade contractors, SIC 1792, Change sheet. Feb. 1971. 1 p. 4°
 Special trade contractors not elsewhere classified, SIC 1799, Change sheet. Feb. 1971. 1 p. 4° 3429
- 1969 census of agriculture: v. 1, Area reports. ([Agriculture Division.]) 3430
 - pt. 8. New Jersey. [Dec. 1971.] cover title, [527] p. il. 4° * Paper, \$4.00. Item 152-A-2 C 3.31/4:969/v.1/pt.8
- (series). ([Housing 1970 census of housing: Block statistics, HC(3) C 3.224/5: 970/(nos.) Division.])
- 3431 16.
- 3432 17.
- 3433 20.
- 3434 21.
- 26. 3435 3436 27.
- 28. 3437
- 3438 30.
- 3439 31.
- 3440 32.
- reision.])

 Bakersfield, Calif., urbanized area. [Oct. 1971.] cover title, xii+30 p. 7 maps in pocket, 4° * Paper, \$1.75. Item 156-A-6

 Fresno, Calif., urbanized area. [Oct. 1971.] cover title, xii+48 p. 11 maps in pocket, 4° * Paper, \$2.50. Item 156-A-6

 Saeramento, Calif., urbanized area. [Oct. 1971.] cover title, xii+48 p. 11 maps in pocket, 4° * Paper, \$3.50. Item 156-A-6

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 Pueblo, Colo. Item 156-A-10

 Jacksonville, Fla., urbanized area. [Sept. 1971.] cover title, xii+94 p. 4° [Issued in portfolio with 35 maps.] * Paper, \$6.75. Item 156-A-11

 Tampa, Fla., urbanized area. [Oct. 1971.] cover title, xii+94 p. 4° [Issued in portfolio with 35 maps.] * Paper, \$6.75. Item 156-A-11

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- 3442 46.
- 3444 54 156-A-11
- 63. 3445
- 3446 71. 3447 75.
- 77. 3448
- 156-A-11
 Selected areas in Hawaii [maps]. [Aug. 1971.] [23 maps issued in portfolio],

 4° * Paper, \$4.75 (including basic publication). Item 156-A-13
 Peoria, Ill., urbanized area. [Sept. 1971.] cover title, xii+41 p. 15 maps in
 pocket, 4° * Paper, \$3.00. Item 156-A-15
 Anderson, Ind., urbanized area. [Sept. 1971.] cover title, xii+18 p. 7 maps
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 Fort Wayne, Ind., urbanized area. [Sept. 1971.] cover title, xii+34 p. 9 maps
 in pocket, 4° * Paper, \$2.00. Item 156-A-16
 Indianapolis, Ind., urbanized area. [Sept. 1971.] cover title, xii+106 p. 19
 maps in pocket, 4° * Paper, \$4.00. Item 156-A-16 78. 3449

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970 census of housing—Continued

80. Muncie, Ind., urbanized area. [Sept. 1971.] cover title, xi+21 p. 5 maps in pocket, 4° *Paper, \$1.50. • Item 156-A-16

81. South Bend, Ind.-Mich. urbanized area. [Sept. 1971.] cover title, xii+55+8 p. 13 maps in pocket, 4° *Paper, \$2.75. • Item 156-A-16

82. Selected areas in Indiana. [Sept. 1971.] cover title, xi+29 p. 6 maps in nocket, 4° *Paper, \$2.00. • Item 156-A-16

83. Dubuque, Iowa-Ill. urbanized area. [Oct. 1971.] cover title, xi+10+1 p. 3 maps in pocket, 4° *Paper, \$1.00. • Item 156-A-17

91. Topeka, Kans., urbanized area. [Oct. 1971.] cover title, xi+25 p. 6 maps in nocket, 4° *Paper, \$1.00. • Item 156-A-18

92. Wichita, Kans., urbanized area. [Oct. 1971.] cover title, xii+25 p. 6 maps in nocket, 4° *Paper, \$2.75. • Item 156-A-18

93. Louisville, Ky.-Ind. urbanized area. [Sept. 1971.] cover title, xii+68+15 p. 17 maps in pocket, 4° *Paper, \$2.50. • Item 156-A-19

108. Boston, Mass., urbanized area. [Sept. 1971.] cover title, xii+68+15 p. 17 maps in pocket, 4° *Paper, \$4.50. • Item 156-A-23

110. Fall River, Mass., R.I., urbanized area. [Oct. 1971.] cover title, xii+22 +5 p. 14 maps in pocket, 4° *Paper, \$2.50. • Item 156-A-23

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129. Duluth-Superior, Minn.-Wis., urbanized area. [Sept. 1971.] cover title, xii+28 p. 7 maps in pocket, 4° *Paper, \$1.75. • Item 156-A-24

129. Duluth-Superior, Minn.-Wis., urbanized area. [Sept. 1971.] cover title, xii+46+52 p. 4° [Issued in portfolio with 29 maps.] *Paper, \$7.00. • Item 156-A-27

145. Selected areas in Nebraska. [Sept. 1971.] cover title, xii+46+52 p. 4° [Issued in portfolio with 29 maps.] *Paper, \$7.00. • Item 156-A-27 1970 census of housing-Continued p. 4° [Issued in portfolio with 29 maps.] * Paper, \$7.00. ● Item 156-A-27

145. Selected areas in Nebraska. [Sept. 1971.] cover title, xi+33 p. 3 maps in pocket. 4° * Paper, \$1.50. ● Item 156-A-29

150. Atlantic City, N.J. urbanized area. [Sept. 1971.] cover title, xii+35 p. 10 maps in pocket, 4° * Paper, \$2.00. ● Item 156-A-32

151. Trenton, N.J.-Pa. urbanized area. [Oct. 1971.] cover title, xii+36+7 p. 13 maps in pocket, 4° * Paper, \$2.25. ● Item 156-A-32

152. Vineland-Millville, N.J. urbanized area. [Sept. 1971.] cover title, xi+21 p. 10 maps in pocket, 4° * Paper, \$2.20. ● Item 156-A-32

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160. Rochester, N.Y. urbanized area. [Sept. 1971.] cover title, xii+26 p. 14 maps in pocket, 4° * Paper, \$2.25. ● Item 156-A-34

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179. Cincinnati, Ohio-Ky. urbanized area. [Sept. 1971.] cover title, xii+21 p. 3 maps in pocket, 4° * Paper, \$2.20. ● Item 156-A-37

180. Dayton, Ohio urbanized area. [Sept. 1971.] co p. 46 [1 156-A-39 197. Selected areas in Oregon. [Oct. 1971.] cover title xii+72 p. 4° [portfolio with 14 maps.] *Paper, \$6.75. • Item 158-A-39

198. Allentown-Bethlehem-Easton, Pa., N.J., urbanized area. [Sept. 197 title, xii+62+8 p. 17 maps in pocket, 4° *Paper, \$3.25. 1971.1 cover

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 Item 156-A-1 3511 3512 1970 census of population; final reports, general social and economic characteristics, PC(1)-C series, publications order form. [1971.] [8] p. narrow 8° ([BC-2216 (10-7-71).]) 1970 census of population, General population characteristics, PC(1)-B (series). ([Population Division.]) 53. Puerto Rico. Dec. 1971. vi+41-169+20 p. il. 4° * Paper, \$1.25. • Item 159-A-41 3513 1970 census of population: General social and economic characteristics, PC(1)-C (series). ([Population Division.]) C 3.223/7: 970/C(nos.) 4. Arizona. [Dec. 1971.] cover title, iv+77-236+48 p. il. 4° [Text on p. 3 of cover.] *Paper, \$1.50 (S/N 0301-2308). • Item 159-A-4

13. Hawati. [Dec. 1971.] cover title, iv+65-185+49 p. il. 4° *Paper, \$1.25 (S/N 0301-2317). • Item 159-A-13

33. New Mexico. [Dec. 1971.] cover title, iv+89-253+49 p. il. 4° *Paper, \$1.75 (S/N 0301-2337). • Item 159-A-33

47. Vermont. [Dec. 1971.] cover title, iv+69-177+49 p. il. 4° *Paper, \$1.25 (S/N 0301-2351). • Item 159-A-48 3514 3515 3516 3517 1970 census of population: Number of inhabitants, PC(1)-A (series). ([Population Division.]) 1. United States summary. [Dec. 1971.] cover title, xy+250+[1] p. il. 4° [Some illustrations are colored.] * Paper, \$2.00. • Item 159-A-1 3518

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C 3.223/5: 970/A 1

1970 census of population: Supplementary report PC (S1) (series). 3. 1970 population of voting age for States. Dec. 1971. 11 p. 4° * Paper, 25c.
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C 3.223/12:970/3 1970 census of population and housing: Employment profiles of selected low-income areas, PHC(3) (series). ([Demographic Surveys Division.]) C 3.223/17: 970/(nos.) L.C. card 72-183144 19. Philadelphia, Pa., summary. [Jan. 1972.] cover title, xv+216+31 p. il. 4° * Paper, \$2.00. ● Item 159-A-40 7 raper, \$2.00. • Item 159-A-40
20. Philadelphia, Pa., Area 1. [Jan. 1972.] cover title, xiv+216+30 p. il. 4°
*Paper, \$2.00. • Item 159-A-40
21. Philadelphia, Pa., Area 2. [Jan. 1972.] cover title, xiv+216+30 p. il. 4°
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• Item 159-A-29 3576 3577 64. Youngstown, Ohio. [Jan. 1972.] cover title, xiv+216+30 p. il. 4° * Paper, \$2.00. ■ Item 159-A-37 \$2.00. • Item 159-A-37
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• Item 159-A-38 66. Charlotte, N.C. [Dec. 1971.] cover title, xiv+216+30 p. il. 4° * Paper, \$2.00. ● Item 159-A-35 3580 67. Wichita, Kans. [Jan. 1972.] cover title, xiv+216+30 p. il. 40 * Paper, \$2.00.

• Item 159-A-18 68. Bridgeport, Conn. [Jan. 1972.] cover title, xiv+216+30 p. il. 4° * Paper, \$2.00. ■ Item 159-A-8 3581 General demographic trends for metropolitan areas, 1960-70 PHC (2) (series). 3582 45. Texas, correction note. Nov. 1971. [1] p. 4° † • Item 159-A-46 C 3.223/13: 970/45/corr.sh. —— Publication and computer tape program. Dec. 1971. 8 p. 4° † • Item 154 C 3.223: P 96/4/970-2 Congressional district data CDD-93X-(series). † Paper, 25c. each. • Item 140-B-1 C 3.134/4 : 93 X - (nos.)3584 10. Idaho. Jan. 1972. 5 p. il. 4° New Hampshire, districts of 93d Congress. Jan. 1972. 4 p. il. 4°
 South Carolina, districts of 93d Congress. Jan. 1972. 4 p. il. 4°
 West Virginia, districts of 93d Congress. Jan. 1972. 4 p. il. 4° 3585 3586 3587 3588 Current industrial reports: Aluminum ingot and mill products, summary for 1970. Jan. 1972. 13 p. 4° (Series M33-2(70)-14.) † Paper, 25c. • Item 142-A $\mathbb{C} 3.158 \colon M 33-2(70)-14$ 3589 Apparel survey, 1970. Dec. 1971. [2] +23 p. 4° (Series MA-23A (70)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-23 A (70)-1 3590 - Backlog of orders for aerospace companies, summary for 1970; [prepared in Industry Division]. Dec. 1971. 5 p. 4° (Series MQ-37D (70)-5.) † Paper, 25c. • Item 142-A C 3.158: MQ-37 D (70)-5 3591 - Brassieres, girdles, and allied garments, 1970; Change. Jan. 1972, 2 p. 4° (Series MA-23J(70)-1.) † Paper, 25c.

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O 3.158 : MA-23 J (70)-1/ch.

3592	Current industrial reports: Broadwoven goods, summary of looms in place, Dec. 31, 1970; [prepared in Industry Division]. Nov. 1971. 1 p. 4° (Series MQ-22T(70)/supp.) † Paper, 25c. • Item 142-A C 3.158: MQ-22T(70)/supp.
3593	——Closures for containers, summary for 1970. Jan. 1972. 9 p. 4° (Series M34H(70)−13.) † Paper, 25c. • Item 142−A C 3.158: M 34 H(70)−13
3594	Complete aircraft and aircraft engines, summary for 1970. Jan. 1972. 6 p. 4° (Series M37G (70) −13.) † Paper, 15c. ● Item 142-A C 3.158: M 37 G (70) −13
3595	— Cotton broadwoven goods, summary for 1970, Change; [prepared in Industry Division]. [1971.] 1 p. 4° (Series MQ-22T.1(70).) † ● Item 142-A C 3.158: MQ-22 T.1(70)-5/ch.
3596	— Household furniture and bedding products, 1969. Jan. 1972. 10 p. 4° (Series MA-25D(69)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-25 D(69)-1
3597	—— Industrial gases, 1970. Jan. 1972. 9 p. 4° (Series M28C(70)−14.) † Paper, 25c. ● Item 142-A C 3.158: M 28 C(70)−14
3598	—— Insulated wire and cable, 1970; [prepared in Industry Division]. Dec. 1971. 9 p. 4° (Series MA-33L(70)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-33 L(70)-1
3599	—— Internal combustion engines, 1970. Jan. 1972. [2] +13 p. (Series MA—35L(70)−1.) † Paper, 25c. ● Item 142−A C 3.158: MA−35 L(70)−1
3600	—— Iron and steel foundries and steel ingot producers, summary for 1970; [prepared in Industry Division]. Jan. 1972. [2]+18 p. 4° (Series M33A (70)−13.) † Paper, 15c. • Item 142−A C 3.158: M 33 A (70)−13
3601	— Metalworking machinery, summary for 1970; [prepared in Industry Division]. Dec. 1971. [2]+10 p. 4° (Series MQ-35W(70)-5.) † Paper, 25c. ● Item 142-A C 3.158: MQ-35 W(70)-5
3602	—— Plumbing fixtures, summary for 1970; [prepared in Industry Division]. Dec. 1971. 9 p. 4° (Series MQ-34E(70)-5.) † Paper, 25c. ● Item 142-A C 3.158: MQ-34 E(70)-5
3603	— Pulp, paper, and board, Oct. 1971; [prepared in Industry Division]. Dec. 1971. 7 p. 4° (Series M26A (71)−10.) † Paper, 15c. ● Item 142-A C 3.158: M 26 A (71)−10
3604	— Selected atomic energy products, 1970; [prepared in Industry Division]. Dec. 1971. 4 p. 4° (Series MA−38Q(70)−1.) † Paper, 25c. • Item 142−A C 3.158: MA−38 Q(70)−1
3605	—— Shipments of knit cloth, including interplant transfers, summary for 1970, Change; [prepared in Industry Division]. Dec. 1971. 1 p. 4° (Series MQ-22K(70)-5.) † • Item 142-A C 3.158: MQ-22 K(70)-5/ch
3606	- + +0=0 T +0=0 O + 40 / Coming
3607	—— Shoes and slippers, summary for 1970; [prepared in Industry Division]. Dec. 1971. [2]+14 p. 4° (Series M31A(70)-13.) † Paper, 15e • Item 142-A C 3.158: M 31 A(70)-15
3608	— Shoes and slippers, summary for 1970; [prepared in Industry Division]. Dec. 1971. [2]+14 p. 4° (Series M31A(70)-13 (Rev.).) † Paper

sional districts, selected counties, and selected standard metropolitan statistical areas. Nov. 1971. [3]+26 p. 4° (Series MA-161(69)-4, Supplement 2; [Economic Analysis Division and Industry Division.]) † Paper, 50c. • Item 142-A C 3.158: MA-161(69)-4/supp.2

-Survey of origin of exports by manufacturing establishments, 1969;

estimated value of exports and employment related exports for Congres-

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 Item 142-C C 3.186; P-20/(nos.)
- 230. Characteristics of new voters, 1972; [prepared by Charles E. Johnson, jr.].

 Dec. 1971. cover title, ii+28 p. 4° [Issued with perforations.] * Paper, 35c.
 - Current population reports: Series P-23, Technical studies. *Paper, \$14.00 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$3.50 additional for foreign mailing; single copy prices vary. Item 142-C C 3.186: P-23/(nos.)
- 36. 39. Differences between incomes of white and Negro families by work experience of wife and region, 1970, 1969 and 1959. Dec. 1971. iii+15 p. 4° ([Population Division.]) [Issued with perforations.] * Paper, 20c.
- 3613 40. Characteristics of American youth, 1971, population, educational attainment, school enrollment, voting, migration, marital status and family status, employment status and occupation, income; [prepared by Jerry T. Jennings and Charles E. Johnson, jr.]. [Jan. 1972.] cover title, ii + 37 p. 4° ([Population Division.]) * Paper, 45c.
 - Current population reports: Series P-25, Population estimates and projections. *Paper, \$14.00 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$3.50 additional for foreign mailing; single copy prices vary. Item 142-C
 - C 3.186: P-25/(nos.)
- 3614 472. Estimates of population of United States to Nov. 1, 1971. Dec. 1971. 2 p. il.

 4° * Paper, 5c.
- 3615 473. Projections of school and college enrollment, 1971-2000. Jan. 1972. [2]+14 p. il. 4° [Issued with perforations.] * Paper, 15c.
 - Data access description: 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.]
- 3616
 3. Second count summary tapes from 1970 census of population and housing. [Revised edition.] Dec. 1971. 14 p. 4° (DAD 26.) [Issued with perforations.] † Item 142-D C 3.240/3:3/2
- 3617 DAUList 1, user instructions and program documentation; [with list of references; prepared by Wilburn D. Smith]. Dec. 1971. [4]+110 p. il. 4° † C 3.247:1
- DAUList 2, user instructions and program documentation [with bibliography; prepared by Larry W. Carbaugh]. Oct. 1971. iv+74 p. il. 4° † C3.247: 2
 - Evaluation and research program of U.S. censuses of population and housing, 1960 series ER 60
- 9. Effects of coders [with bibliography; by Benjamin J. Tepping and Barbara A. Bailar.] Jan. 1972. [4] + 24 p. 4° ([Research Center for Measurement Methods.]) * Paper, 40c. Item 154
 L.C. card 73-188301 C 3.223/16; 60/no.9
- State and local government special studies. (Governments Division.)

 60. National data needs, fire service statistics. Jan. 1972 [published 1971.]

 [2]+17 p, 4° * Paper, 30c. Item 148-A

 L.C. card 76-188318 C 3.145:60
- 3621 U.S. foreign trade, schedule C, classification of country designations. Jan. 1, 1972 edition. Jan. 1972. cover title, 8 p. 4° ([Foreign Trade Division.]) † Item 148 C 3.150: C/972
- 3622 Schedule D, classification of customs districts and ports. Jan. 1, 1972 edition. [1972.] cover title, 6 p. 4° † Item 148 C 3.150: D/972

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United States map GE-50 (series).

28. Housing construction authorized in permit issuing places, by selected standard metropolitan statistical areas of United States, 1964–67; prepared by Geography Division, in cooperation with Construction Statistics Division. Scale 1:5,000,000; 500 mi.=6.2 in. 1970, 30 x 42 in. [Albers equal area project, standard parallels 29½° and 45½° Data from Construction report, series C-42, covering new housing units authorized by building permits, 1964–67. Definitions of SMSA's by Bureau of Budget, Executive Office of the President, Issued in colors.]

*Paper, 50c. 3623 Inset: Honolulu. C 3.62/4:28

CENTER FOR DISEASE CONTROL, Health, Education, and Welfare Dept., Atlanta, GA

3624 Influenza-respiratory disease surveillance, report no. 87. Dec. 1971. [2]+18 p. il. 4° ([DHEW publication no. (HSM) 72-8084.]) [Issued with HE 20.2309/10:87 perforations. 1 †

CHILD DEVELOPMENT OFFICE, Health, Education, and Welfare Dept., Washington, DC

Child development: Day care. • Item 454-C-3 HE 21.11:(nos.)

 Serving infants; editors, Dorothy S. Huntington, Sally Provence [and] Ronald K. Parker. [1971.] 87 p. ([DHEW publication (OCD) 72-8.]) [Includes list of information sources on day care and child development. Text on p. 2 of cover.] * Paper, 75c. (S/N 1791-0164).
 Staff training [with bibliography]; Ronald K. Parker and Laura L. Dittmann, editors. [1971.] 38+[1] p. 4° ([DHEW publication (OCD) 72-23.]) [Text on p. 2 of cover.] * Paper, 50c. (S/N 1791-0164).
 Health services, guide for project directors and health personnel; [by] A. Frederick North, jr. [1971.] 38 p. 4° ([DHEW publication (OCD 72-4.]) [Text on p. 2 of cover.] * Paper, 75c. (S/N 1791-0162). 3625

3626

3627

3628 Children today; [Judith Reed, editor]. ([DHEW publication OCD 72-14.]) [Published 6 times a year, Formerly entitled Children.] * Paper, \$2.00 a yr., 50c. additional for foreign mailing; single copy, 35c. 449 HE 21.9/2: (v.nos.& nos.) Jan.-Feb. 1972v. 1. no. 1--

3629 Report on preschool programs, effects of preschool programs on disadvantaged children and their families [with list of references; by] Marian S. Stearns. 1971. [5]+190 p. il. 4° (DHEW publication OCD 72-27.) [Text on p. 2 of cover.] *Paper, \$1.50 (S/N 1792-0003). • Item 454-C-1 L.C. card 73-619010 HE 21.2: P 92

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

Instructor's guide IG (series).

3-11. Teachers manual, civil defense education, personal and family survival.

Mar. 1972. cover title, [3]+116 p. il. 4° ↑ ■ Item 857-D-12 3630 D 119.8/7:3-11

[Miscellaneous publications] MP (series). † • Item 857-D-11 D 119.11:(nos.)

59. Games that teach, classroom activities on individual and community disaster preparedness for elementary and secondary schools [with bibliography]. Oct. 1971. [3]+100 p. il. 4° [Includes list of publications of the Government and other organizations. Page 100 left blank for notes.]
62. Civil defense and the public, overview of public attitude studies; by Ralph L. Garrett. Revised Oct. 1971. [1971.] [1]+ii+41+[1] p. il. 4° (Research report 17.) [Includes bibliographical footnotes.] 3631

3632

Student manual SM (series).

9.2B. Firefighting for civil defense emergencies, support assistants for fire emergencies, student manual, pt. B. July 1971. cover title, iii+88 p. il. 4° [Issued with perforations. Developed by International Association of Fire Chiefs.] † • Item 320-B-1 D 119.8/8:9.2 B 3633 Chiefs.] †

Technical report TR (series).

69. Cost benefits in shelters; by Department of Architectural Engineering, Pennsylvania State University, University Park, Pa. Nov. 1971. iii+35 p. il. oblong 12° † ● Item 320-B-2 D 119.9: 69 3634

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CIVIL RIGHTS COMMISSION Washington, DC 20425

3635 Black student in Wisconsin State Universities System [prepared by Cornelius P. Cotter and others]. Oct. 1971. iii+94 p. 4° * Paper, \$1.00 (S/N 0500-0069). • Item 288-A L.C. card 72-600527 CR 1.2: W 75/2

CIVIL SERVICE COMMISSION Washington, DC 20415

- 3636 Amendment 5 to announcement 421, professional careers in biological and agricultural sciences, Dec. 20, 1971. 1 p. 4° CS 1.26: 969/421/rev./amdt.5
- 3637 Amendment to announcement 420, computer specialist, Jan. 4, 1972. 1 p. 4° CS 1.26: 969/420/rev./amdt.
- 3638 Announcing career opportunities for office assistant and related positions, GS-2, GS-3, GS-4, starting salaries \$99, \$112, and \$125 a week, announcement WA-01-02, apply to Civil Service Commission, Washington Area Office, 1900 E Street NW., Washington, D.C. 20415. [Revised Feb. 1972.] [1972.] 4 p. 4° [No closing date.] † • Item 292 CS 1.28/4: rev.971/WA-01-02

3639 Announcing examination for apprentice-printing crafts, compositor, bookbinder, pressman, machinist, lithographer, photoengraver, \$3.08 an hour, announcement WA-2-02-, apply to Civil Service Commission, Washington Area Office, 1900 E Street NW., Washington, D.C. 20415. Jan. 5, 1972. 4 p. il. 4° [Open continuously.] † • Item 292

CS 1.26/4: 972/WA-2-02

3640 Basic management techniques 1, participant workbook. Revised 1971. [1971.] [99] p. 4° (Bureau of Training, General Management Training Center.) [Issued in looseleaf form.] * Paper, \$2.00 (S/N 0600-0601). Item 296-B CS 1.7/4: M 31/4/wkbooks

FED facts.

13. On reductions in force in Federal agencies. [Oct. 1971.] 8 p. il. narrow 8°
* Paper, \$5.00 per 100; single copy, 10c. (S/N 0600-0592). • Item 293-A 3641 CS 1.59: 13

Federal personnel manual system FPM supplement. • Item 294 CS 1.41/4:(nos.)

- CS 1.41/4: (nos.)

 512-1. Job grading system for trades and labor occupations, transmittal sheet 17.

 June 1971. [80] p. il. (Bureau of Policies and Standards.) [Transmits job grading standards for Electronic mechanic WG-2614, Gardener WG-5003, Pest controller WG-5026, Air conditioning equipment mechanic WG-5306, Tractor operator WG-5705, Crane operator WG-5725. Issued in looseleaf form.] * Paper, \$13.00 (transmittals for an indefinite period); \$5.00 additional for foreign mailing.

 711-1. Labor-management relations program provisions and technical guidance. Dec. 1971 [published 1972], [120] p. 4° [Issued in looseleaf form. Supersedes FPM letters with initial publication of this supplement, 711-3, 711-4, and 711-7 through 711-28.] * Paper, \$10.00 a yr. (Including basic volume and supplementary material for an indefinite period); \$2.50 additional for foreign mailing. 3642
- 3643
- IPA grant administration handbook, Intergovernmental personnel act of 1970. Sept. 1971. [63] p. 4° (BIPP 151-2; Bureau of Intergovernmental Personnel Programs, Bureau of Management Services.) [Issued with perforations.] † Item 296-B CS 1.7/4: G 76 3644
- 3645 Opportunities for college students as trainees in engineering and physical science vacation work-study program, grades GS-3 & 4 and limited opportunities in accounting at grade GS-4, apply to Washington Area Office, Civil Service Commission, 1900 E Street, N.W., Washington, DC 20415, announcement WAP-2-01. Nov. 23, 1971. [2] p. 4° [Suspension date, for GS-3, Feb. 4, 1972; for GS-4, Apr. 14, 1972.]

OS 1.26/4: 972/WAP-2-01

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CS 1.48:(letters-nos.) • Item 299 Pamphlets. Federal jobs overseas. Jan. 1972. 12 p. narrow 8° * Paper, 10c. Veterans readjustment appointments, questions and answers about new program of assistance to returning veterans. [1971.] 17 p. narrow 8° * Paper, 15c. (S/N 0600-0604). 3646 BRE-18. BRE-36. 3647 SM 33-70. Pay structure of Federal civil service; prepared by Manpower Statistics Division, Bureau of Manpower Information Systems. June 1970. 111+48 p. il. 4° * Paper, 50c. (S/N 0600-0570). 3648 Isual materials, guidelines for selection and use in training situations [with bibliography], Dec. 1971. [3]+16 p. il. 4° ([Training systems and technology series, no. 6], Bureau of Training, Office of Training Assistance.) • Paper, 30c. (S/N 0600-0609). Visual materials, 3649 T-16. • Item 300-A-1 CS 1.61/3:(nos.) Personnel bibliography series. 38. Equal opportunity in employment. 1971 [published 1972]. cover title, [2] + 135 p. 4° (Library.) * Paper, \$1.25 (S/N 0600-0614). 3650 p. 4° (Library.) *L.C. card 72-600588

39. Manpower planning and utilization; [compiled by Harry L. Clark]. 1971 [published 1972]. cover title, [2] +58 p. 4° (Library.) * Paper, 60c. (8/N 0800-0615). 3651

L.C. card 72-600636 Executive manpower management. 1971 [published 1972]. cover title, [2]+
 113 p. 4° (Library.) * Paper, \$1.00 (S/N 0600-0616).
 L.C. card 72-600589 3652

 Planning, organizing and evaluating training programs: [reviewed by Franklin W. Mathewson]. 1971 [published 1972]. [2]+140 p. 4° (Library.) [Updates Personnel bibliographies 18, 24 and 25, issued in 1968.]
 Paper, \$1.25 (8/N 0600-0617).
 L.C. card 72-600591 3653

42. Personnel management function-organization, staffing, and evaluation, 1971 [published 1972], cover title, [2]+55 p. 4° (Library.) * Paper, 60c. [S/N 0600-0618). 3654

43. Federal Civil Service, history, organization, and activities. 1971. cover title, [2]+55 p. 4° (Library.) * Paper, 60c. (S/N 0600-0619). L.C. card 72-600592 3655

Personnel methods series.

17. Investigating complaints of discrimination in Federal employment on grounds of race, color, religion, sex, and national origin. Revised Oct. 1971. [1971.] iv+29 p. Paper, 25c. (S/N 0600-0591). ■ Item 300-B L.C. card 72-600530 3656

Policewoman, Washington, D.C. metropolitan Police Department, \$8,500 a 3657 year, announcement WA-2-03 (local). Jan. 21, 1972. 1 p. 4° [No closing CS 1.26/4: 972/WA-2-03 date.1 †

Salary ranges of selected State classes, July 1, 1971. [1971.] viii+42 p. 4° 3658 CS 1.2: Sa 3/3/971 (Bureau of Intergovernmental Programs.) †

Specialities of aerospace technology in physical sciences, engineering, mathe-3659 matics and life science, NASA, amendment to announcement 347B. CS 1.26: 964/347 B/amdt.-6 Nov. 15, 1971. 1 p. oblong 48° †

COAL RESEARCH OFFICE, Interior Dept. Washington, DC 20240

Research and development report.

37, int. 1. Computer applications in underground mining systems; period of performance June 1964-Sept. 1968 [with bibliographies]; by E. P. Bucklen [and others]. [1971.] (Department of Mining Engineering, Virginia Polytechnic Institute, Blacksburg, Va.) [OCR contract 14-01-0001-410.] * Paper, \$4.00 per set (2 vols.) (S/N 2414-0039).

Item 606-C-2
v. 1, sec. 1, Summary report, sec. 2, Cost-sched program, sec. 3, Railsim program. [270] p. il. 4°
v. 2 sec. 4, Beltsim program, sec. 5, Ventsim program, sec. 6, Powersim program, sec. 7, Pumpsim program. [261] p. il. 4° 3660

COAST GUARD, Transportation Dept. Washington, DC 20591

Coast Guard, electrical engineering regulations, subchapter J. June 1, 1971. 3661 viii+151 p. il. 4° (CG-259.) [Title 46, Code of Federal regulations, pts.

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3662 Rules and regulations for manning of vessels, subchapter P. Oct. 1, 1971. viii+26 p. (CG 268.) [Code of Federal regulations, title 46, pt. 157.] • Item 943

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.

3663 Address by James T. Lynn, Under Secretary of Commerce, prepared for delivery before 65th annual convention of National Canners Association, Miami Beach, Fla., Jan. 17, 1972. 1972. [1]+13 leaves, 4°

C 1.18: L 99/9

3664 Environmental myths, competing economic claims, and the balanced view, address by William N. Letson, General Counsel, Department of Commerce, delivered before American Bar Association Conference on Environmental Law, Warrenton, Va., Jan. 15, 1972. 1972. 24 p. 4° C 1.18: L 56

* Paper.

- Overseas business reports OBR (series). [Issued irregularly.] \$16.00 a yr., \$5.00 additional for foreign mailing; single copy, 15c. (1-3 yr. subs.). • Item 231-B C 1.50: (nos.)
- 71-045. Market profiles for Africa; prepared in African Division, Office of International Regional Economics. Nov. 1971. 46 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 3665 70-45.]3666
- 71-048. Basic data on economy of Colombia [with bibliography]; prepared by Thomas K. Brewer. Dec. 1971. 43 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 66-45.]
 71-051. Foreign trade regulations of Denmark; prepared by Yolanda E. Corro. Dec. 1971. 9 p. 4° (Bureau of International Commerce.) [Issued with perforations.] 3667
- 71-052. Foreign trade regulations of Iran; prepared by Kathleen Keim. Dec. 1971.

 8 p. 4° (Bureau of International Commerce.) [Issued with 3668
- perforations.] 71-054. Foreign trade regulations of Republic of Algeria; prepared by Daniel E. Gardner. Dec. 1971. 8 p. 4° (Bureau of International Commerce.) 3669 Gardner. Dec. 1971. 8 p. 4° [Issued with perforations.]
- 3670
- 71-056. Basic data on economy of Ecuador [with bibliography]; by Kenneth A. Golding and Enoch W. Skartvedt. Dec. 1971. 11 p. il. 4° (Bureau of International Commerce.) [Issued with perforations.]
 71-057. Basic data on economy of Romania [with bibliography]; prepared by Christopher E. Stowell. Dec. 1971. 23 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 3671 68-105.]
- 3672 3673
- 3674
- 68-105.]
 71-060. Basic data on economy of Ivory Coast [with bibliography]; prepared by Wallace F. Holbrook. Dec. 1971. 24 p. 11. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 68-18.]
 71-061. Foreign trade regulations of Southern Africa Customs Union; prepared by Daniel E. Gardner. Dec. 1971. 8 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 68-33.]
 71-062. Basic data on economy of Israel [with bibliography]; by John P. Edwards. Dec. 1971. 15 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 69-72.]
 71-063. International investment position of United States, developments in 1970; by David T. Devlin. Dec. 1971. [1]+20-38 p. il. 4° (Bureau of International Commerce.) [Reprinted from Oct. 1971 issue of Survey of current business, Office of Business Economics. Issued with perforations.] 3675 perforations. 1
 - Telecommunications research and engineering report OT/TRER (series). (Office of Telecommunications, Institute for Telecommunication Sciences, Boulder, Colo.) • Item 126-D-1 C 1.60: (nos.)
- Tabulations of propagation data over irregular terrain in 230- to 9200-MHz frequency range: pt. 4, Receiver site in grove of trees [with list of references; by] P. L. McQuate. J. M. Harman, M. E. McClanahan. Oct. 1971. iv+296 p. II. 4° *Paper, \$2.50.
 Gain patterns of hardened array antennas using dipoles as radiating elements [with list of references; by] H. V. Cottony. Oct. 1971. iv+51 p. il. 4° 3676
- 3677
- 21. Analysis of air-ground radio wave propagation measurements at 800 MHz [with list of references; by] G. D. Glerhart [and others]. Nov. 1971. v+101 p. il. 4° * Paper, \$1.00. 3678

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Telecommunications research and engineering report—Continued

22. Loran radio navigation over irregular, inhomogeneous ground with effective ground impedance maps [with list of references; by] J. Ralph Johler. Nov. 1971, v+175 p. il. 4° [Performed as part of interagency work order F 3361567M5010, amendment P003, Air Force (AFSC), Loran Programs Office (ASD), Wright-Patterson Air Force Base, Ohio.] * Paper, \$1.50. 3679

COMMERCIAL FISHERIES BUREAU, Interior Dept. Washington, DC 20240

Report of Bureau of Commercial Fisheries for calendar year 1969, 1971. 3680 vi+[1]+135 p. il. map. 1971. [Includes Fish and Wildlife Service publication series and 1969 list of publications by Bureau personnel.] I 49.1/2:969 • Item 613-A

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

Guide to nutrition and food service for nursing homes and homes for the 3681 aged; prepared by M. Catherine Coble, revisions prepared by Edith T. Aitken]. Revised 1971. [1971.] v+111 p. il. 4° ([DHEW publication (HSM) 71-6701.]) [Prepared under contract HSM 110-70-298. Includes list of books, pamphlets, periodicals, and teaching aids. Text on p. 2 of cover.] * Paper, \$1.75 (S/N 1701-0392). • Item 512-E-2

Publications catalog. 1971-72 edition. [July 1971.] ([Publication HSM-71-3682 6000.]) * Paper, 35c. (S/N 1726-0020). • Item 512-E-1 HE 20.2560: 971-72

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

Retarded children of the poor, casebook; [by] Marjorie H. Kirkland. 1971. 8688 v+66 p. (DHEW publication (SRS) 72-23003.) † • Item 532-B-1 HE 17.702: R 31

COMPTROLLER OF CURRENCY, Treasury Dept. Washington, DC 20220

Annual report 1970, Comptroller of Currency. [1972.] vi+272 p. 4° 3684 ministrator of National Banks.) [Also issued as H. doc. 99, 92d Cong., Translational Banks.) [Also issued as H. doc. 99, 92d Cong., Translational Banks.) [Also issued as H. doc. 99, 92d Cong., Translational Banks.) [Also issued as H. doc. 99, 92d Cong., Translational Banks.] 1st sess.] * Paper, \$2.50 (S/N 4801-0006). • Item 946

CONGRESS

Congressional record, proceedings and debates of 91st Congress, 2d session, v. 116. [Permanent edition.] 1970. • Item 993 L.C. card 12-36438 X.91/2: 116/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. 29. Nov. 24-Dec. 3, 1970. [1] + 38593-39928 p. 4° * Cloth, \$6.25.

Official congressional directory for use of Congress, 92d Congress, 2d ses-3686 sion, convened Jan. 18, 1972, 1972, [2] +xxxii+1110 p. il. [Compiled under direction of Joint Committee on Printing. Closing date for compiling Directory material, Dec. 3, 1971.] * Paper, \$3.00; Cloth, \$5.50 (with thumb-index \$7.00). • Item 992 Y 4.P 93/1: 1/92-2 L.C. card 6-35330

Congressional serial set

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

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

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

3685

House documents.

nos. 199-294, with exceptions, 90th Congress, 2d session, House miscellaneous documents I [Serial 12805-1.] • Item 995-G 3687

no. 1679, 2 pts., 91st Congress, 2d session, Investigation and Study of the Clifton Terrace Project in the District of Columbia [Serial 12886-6]. • Item 1007-A 3688

Senate documents

- 3689
- no. 8, 92d Congress, 1st session, Biographical Directory of the American Congress 1774-1971, [Serial 12938]. Item 995-G no. 34, 92d Congress, 1st session, 72d report of The National Society of the Daughters of the American Revolution, 1968-69. [Serial 12939]. Item 995-B no. 50, 92d Congress, 1st session, Financial Management in the Federal Government, [Serial 12938-2]. Item 995-G 3690
- 3691

Senate report.

3692 o. 346, 92d Congress, 1st session, Education amendments of 1971 [Serial 12931-2]. ● Item 1007-A

Laws

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

- Private laws, 92d Congress. † House or Senate Document Rooms, Capitol. 3693 48. H.R. 2108, act for relief of Nemesio Gomez-Sanchez. Approved Dec. 2, 1971.
- 3694
- 3695
- H.R. 2108, act for relief of Mary James Kates, owner of Gladewater Dally Mirror. Approved Dec. 2, 1971. 1 p.
 H.R. 3041, act for relief of Mary James Kates, owner of Gladewater Dally Mirror. Approved Dec. 2, 1971. 1 p.
 H.R. 3082, act for relief of Ronnie B. (Malit) Morris and Henry B. (Malit) Morris. Approved Dec. 2, 1971. 1 p.
 S. 1866, act for relief of Clayton Bion Craig, Arthur P. Wuth Lenore D. Hanks, David E. Sleeper, and DeWitt John. Approved Dec. 15, 1971. 1 p.
 S. 113, act for relief of certain individuals and organizations. Approved Dec. 18, 1971. 1 p.
 S. 248, act for relief of William D. Pender. Approved Dec. 18, 1971. 1 p.
 H.R. 5419, act for relief of Corbie F. Cochran. Approved Dec. 22, 1971. 1 p. 3696
- 3697
- 3698 3699

Public laws, 92d Congress. • Item 575

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

- 129. H.R. 6531, act to amend Military selective service act of 1967, to increase military pay, to authorize military active duty strengths for fiscal year 1972, and for other purposes. [Approved Sept. 28, 1971.] 16 p. * Paper, 3700
- 136. H.R. 4713, act to amend sec. 136 of Legislative reorganization act of 1946 to correct omission in existing law with respect to entitlement of committees of House of Representatives to use of certain currencies, and for other purposes. [Approved Oct. 11, 1971.] 3 p. *Paper, 10c.
 151. H.R. 4590, act to amend tariff schedules of United States with respect to dutiable status of certain articles. [Approved Nov. 5, 1971.] 2 p. *Paper, 5c. 3701
- 3702
- * Paper, 5c.

 152. H.R. 10458, act to broaden and expand powers of Secretary of Agriculture to cooperate with Mexico, Guatemala, El Salvador, Costa Rica, Honduras, Nicaragua, British Honduras, Panama, Colombia, and Canada to prevent or retard communicable diseases of animals, where Secretary deems such action necessary to protect livestock, poultry, and related industries of United States. [Approved Nov. 5, 1971.] 1 p. * Paper, 5c.

 153. H.J. Res. 923, joint resolution to assure that every needy school child will receive free or reduced price lunch as required by sec. 9 of National school lunch act. [Approved Nov. 5, 1971.] 2 p. * Paper, 5c.

 154. S. 26, act to revise boundaries of Canyonlands National Park in State of Utah. [Approved Nov. 12, 1971.] 2 p. * Paper, 5c. 3703
- 3704
- 3705
- 155. S. 30, act to establish Arches National Park in State of Utah. [Approved Nov. 12, 1971.] 2 p. Paper, 5c. 3706
- Nov. 12, 1971.] 2 p. * Paper, 5c.

 156. H.R. 8687, act to authorize appropriations during fiscal year 1972 for procurement of aircraft, missiles, naval vessels, tracked combat vehicles, torpedoes, and other weapons, and research, development, test, and evaluation for Armed Forces, and to authorize real estate acquisition and construction at certain installations in connection with Safeguard antiballistic missile system, and to prescribe authorized personnel strength of Selected Reserve of each Reserve component of Armed Forces, and for other purposes. [Approved Nov. 17, 1971.] 8 p. *Paper, 10c.

 158. H.R. 8630, act to amend title 8 of Public Health Service act to provide for training increased numbers of nurses. [Approved Nov. 18, 1971.] 16 p. *Paper, 10c. 3707
- 3708

ΦFor Sale by National Technical Information Service, Springfield, VA 22151 Sent to Depository Libraries

Public laws, 92d Congress-Continued

159. H.R. 5060, act to amend Fish and Wildlife act of 1956 to provide criminal penalty for shooting at certain birds, fish, and other animals from aircraft. [Approved Nov. 18, 1971.] 2 p. * Paper, 5c. 3709

160. H.R. 11418, act making appropriations for military construction for Department of Defense for fiscal year ending June 30, 1972, and for other purposes. [Approved Nov. 18, 1971.] 4 p. * Paper, 10c. 3710

- 161. H.R. 1680, act to extend for additional temporary period existing suspension of duties on certain classifications of yarn of silk. [Approved Nov. 18, 1971.] 3711
- J. Res. 946, joint resolution making further continuing appropriations for fiscal year 1972, and for other purposes. [Approved Nov. 20, 1971.] 1 p. * Paper, 5c. 3712 162 H.J. Res.
- 163. H.R. 155, act to facilitate transportation of cargo by barges specifically designed for carriage aboard vessel. Approved Nov. 23, 1971. 1 p. Paper, 3713 5c.
- 164. S. 2339, act to provide for disposition of judgment funds on deposit to credit of Pueblo of Laguna in Indian Claims Commission, docket numbered 227, and for other purposes. Approved Nov. 23, 1971. 1 p. * Paper, 5c. 3714
- 3715
- 165. S. 2216, act to amend Investment company act of 1940, as amended. Approved Nov. 23, 1971. 1 p. * Paper, 5c.
 166. H.R. 4729, act to amend sec. 2107 of title 10, United States Code, to provide additional Reserve Officers' Training Corps scholarships for Army, Navy, and Air Force, and other purposes. Approved Nov. 24, 1971. 1 p. Paper, 3716
- 167. S. 1026, act to amend Small reclamation projects act of 1956, as amended. [Approved Nov. 24, 1971.] 2 p. * Paper, 5c. 3717
- 3718
- 3719
- 3720
- 170. S.J. Res. 132, joint resolution extending duration of copyright protection in certain cases. Approved Nov. 24, 1971. 1 p. * Paper, 5c.
 171. H.R. 6724, act to amend sec. 209(a) and (b) of title 37, United States Code, to provide increased subsistence allowances for senior Reserve Officers Training Corps members. Approved Nov. 24, 1971. 1 p. * Paper, 5c. 3721
- H.R. 6723, act to provide subsistence allowances for members of Marine Corps officer candidate programs. Approved Nov. 24, 1971. 1 p. * Paper, 5c. 3722
- 173. S. 2559, act to amend Consolidated Farmers Home Administration act of 1961 to authorize insured emergency loans. Approved Nov. 24, 1971. 1 p. * Paper, 5c. 3723 3724
- 174. H.R. 7072, act to amend Airport and airway development act of 1970 to further clarify the intent of Congress as to priorities for airway modernization and airport development, and for other purposes. [Approved Nov. 27, 1971.] 2 p. * Paper, 5c.
- 175. H.R. 10203, act to amend Water resources research act of 1964, to increase authorization for water resources research institutes, and for other purposes. [Approved Dec. 2, 1971.] 2 p. * Paper, 5c. 3725
- 176. H.R. 8356, act to make permanent authority to pay special allowances to dependents of members of uniformed services to offset expenses incident to their evacuation. Approved Dec. 2, 1971. 1 p. * Paper, 5c. 3726
- 178. H.R. 10947, act to provide job investment credit, to reduce individual income taxes, to reduce certain excise taxes, and for other purposes. [Approved Dec. 10, 1971.] 78 p. * Paper, 30c. 3727
- 181 S. 1483, act to further provide for farmer-owned cooperative system of making credit available to farmers and ranchers and their cooperatives, for 3728 rural residences, and to associations and other entities upon which farming operations are dependent, to provide for an adequate and flexible flow of money into rural areas, and to modernize and consolidate existing farm credit law to meet current and future rural credit needs, and for other * Paper, 20c. purposes. [Approved Dec. 10, 1971.] 43 p.

ATOMIC ENERGY JOINT COMMITTEE Washington, DC 20515

Status of current technology to identify seismic events as natural or man-3729 made, hearings before Subcommittee on Research, Development, and Radiation, 92d Congress, 1st session, on extent of present capabilities for detecting and determining nature of underground events, Oct. 27 and 28, 1971. 1971. v+393 p. il. * Paper, \$1.50 (S/N 5270-1300). ● Item 999 Y 4.At 7/2: Se 4 L.C. card 72-600607

> *For Sale by Superintendent of Documents †Distribution Made by Issuing Office 10fficial Use. Not Available

MAROH 1972

ECONOMIC JOINT COMMITTEE Washington, DC 20510

3730 Acquisition of weapons systems, hearings before Subcommittee on Priorities and Economy in Government, 92d Congress, 1st session. pt. 3. Apr. 28 and 29, 1971, 1972, vii+569-1085 p. il. * Paper, \$2.25. • Item

L.C. card 78-607685 Y 4.Ec 7: W 37/4/pt.3

- 3731 Current labor market developments, hearings, 92d Congress, 1st session. pt. 1. Apr. 2-Sept. 3, 1971. 1972. v+282 p. il. * Paper, \$1.25. • Item 1000 Y 4.Ec 7: L11/2/pt.1
- 3732 December 1971 supplement to Committee publications and policies governing their distribution, 92d Congress, 1st session. [1971.] [2] p. 4° (Joint Y 4.Ec 7: P 96/961-71/supp. committee print.)
- 2722 Economics of national priorities, hearings before Subcommittee on Priorities and Economy in Government, 92d Congress, 1st session. 1971.

 • Item 1000 Y 4.EC 7: P 93/11/pt. (nos.)

pt. 1. June 1-4, 1971. 1971. iv+325 p. * Paper, \$1.25. L.C. card 73-616390 pt. 2. Aug. 9-11, 1971. 1971. iii+327-486 p. * Paper, 65c. L.C. card 73-616390

- 3734 Economics of recycling waste materials, hearings before Subcommittee on Fiscal Policy, 92d Congress, 1st session, Nov. 8 and 9, 1971. 1972. iv+198 p. il. * Paper, 75c. • Item 1000 L.C. card 72-600711 Y 4.Ec 7: R 24
- 3735 Foreign economic policy for 1970's, hearings before Subcommittee on Foreign Economic Policy, 92d Congress, 1st session.

pt. 7. U.S. foreign economic policy, June 24-30, 1971. 1971. iv+1261-1442 p. il.

* Paper, 70c. • Item 1000
L.C. card 78-606113

Y 4.Ec 7: F 76/3/970/pt.7

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, 80th Congress.

481. Foreign relations of United States, 1946: v. 8, Far East, 1971. viii+1137 p. ([Publication 8554, Historical Office, Bureau of Public Affairs.]) *(Available in departmental edition, cloth, \$5.75, S 1.1:946/v. 8, and sent to depositories in that form. See Entry no. 4747.) 3736

House documents

House documents, 92d Congress.

- 3737 Annual report 1970, Comptroller of Currency, [1972.] vi+272 p. 4° (Administrator of National Banks.) *(Available in departmental edition, \$2.50, T 121:970, and sent to depositories in that form. See Entry no.
- \$2.50, T 12.1: 970, and sent to depositories in that form. See Entry no. 3684.)

 102, 14 pts. Fourteen proposals to add to national wilderness system, communication from President of United States; Apr. 29, 1971. 1971. † (To be sent to depository libraries in Serial set binding.)

 pt. 1. Simenonof National Wildlife Refuge, Alaska. viii+19 p. il. 4°

 pt. 2. North Cascades National Parks, Wash. ix+48 p. 4 pl. 4°

 pt. 3. Isle Royale National Parks, Mich. x+58 p. il. 3 pl. 4°

 pt. 4. Sequoia and Kings Canyon National Parks, Calif. ix+58 p. 4 pl. 4°

 pt. 5. Shenandoah National Park, Va. viii+[1]+65 p. 4 pl. 4°

 pt. 6. Breton National Wildlife Refuge, La. x+16 p. il. 4°

 pt. 7. Florida Keys National Wildlife Refuge, viii+28 p. il. 4°

 pt. 8. West Sister National Wildlife Refuge, Ohio. x+12 p. il. 4°

 pt. 9. Chamisso National Wildlife Refuge, Calif. viii+13 p. il. 4°

 pt. 10. Farallon National Wildlife Rafuge, Calif. viii+19 p. il. 4°

 pt. 11. Izembek National Wildlife Rafuge, Calif. viii+19 p. il. 4°

 pt. 12. Cedar Breaks National Monument, Utah. viii+51 p. 4 pl. 4°

 pt. 13. Capitol Reef National Monument, Utah. viii+51 p. 4 pl. 4°

 pt. 14. Arches National Monument, Utah. viii+47 p. 4 pl. 4° 3738

ΦFor Sale by National Technical Information Service, Springfield, VA 22151

Sent to Depository Libraries

House documents, 92d Congress-Continued 166. Foreign assistance appropriations, amendment, 1972. Oct. 1, 1971. 2 p. 3739 167. Resolved that more stringent control should be imposed upon Government agencies gathering information about United States citizens, collection of excerpts and bibliography relating to intercollegiate debate topic, 1971-72, pursuant to Public law 88-246; compiled by Congressional Research Service, Library of Congress 1971. v+265 p. [Contains copyright material. Committee print appears on cover and title page in error.] * Paper, \$1.00 (S/N 5271-0258). ■ Item 996

LC. card 70-616487

174. Proposed budget amendment, fiscal year 1972, for Commission on Organization of Government of District of Columbia. Nov. 15, 1971. 2 p. ■ Item 996 3740 3741 179. Proposed amendment to District of Columbia budget request [fiscal year]
 1972. Dec. 2, 1971. 2 p. Item 996
 182. Private pension plans, message from President of United States. Dec. 8, 1971. 996 3742 3743 184. Unveiling of portrait of F. Edward Hébert, proceedings before Committee on Armed Services, Oct. 12, 1971, Carl Vinson Room, Rayburn Office Building, Washington, D.C. 1971. [9]+22 p. il. † (To be sent to depository libraries in Serial set bluding.)
187. Joint Committee on Congressional Operations, purpose, legislative history, jurisdiction, and rules; Jan. 1, 1972. 1971. iv+[1]+42 p. il. ● Item 996
L.C. card 72-600609
206. Commissioner of Internal Revenue 1971, annual report [with centistical] ● Item 996 3744 3745 206. Commissioner of Internal Revenue, 1971, annual report [with statistical tables]. [1972.] [4]+130 p. il. 4° ([Publication 55.]) *(Available in departmental edition, \$1.50, T 22.1:971, and sent to depositories in that 3746 departmental edition, \$1.50, T 22.1:971, and sent to depositories in that form. See Entry no.

208. Annual report [fiscal year] 1971, Administrator of Veterans Affairs, [1972.] iv+156 p. il. 4° *(Available in departmental edition, \$1.25, VA 1.1:971. and sent to depositories in that form. See Entry no.

209. Smithsonian year 1971, annual report of Smithsonian Institution, year ended June 30, 1971, 1971, v1+247 p. il. *(Available in departmental edition, *Paper, \$1.25, SI 1.1.971, and sent to depositories in that form. See Entry no. 3747 3748 *Paper, \$1.25, SI 1.1.971, and sent to depositories in that form. See Entry no.

212. 85th annual report of Interstate Commerce Commission, fiscal year June 30, 1971. [1972.] vi+160 p. il. *(Available in departmental edition, 70c., IC 1.1:971, and sent to depositories in that form. See Entry no. 4338.)

214. Comptroller General of the United States; annual report, 1971. [1972.] x+179 p. il. 40 *(Available in departmental edition, \$1.75, GA 1.1:971, and sent to depositories in that form. See Entry no. 4178.)

214. Comptroller General of United States, annual report, 1971, appendix. [1972.] ill+189 p. il. 40 *(Available in departmental edition, \$2.00, GA 1.1:971/app., and sent to depositories in that form. See Entry no. 4179.)

215, pt. 1. Budget of United States Government, fiscal year 1973. [1972.] 570 p. il. *(Available in departmental edition, \$2.50, PrEx 2.8: 973, and sent to depositories in that form. See Entry no. .)

216. Budget of United States Government, fiscal year 1973: Appendix. [1972.] 1103 p. 40 *(Available in departmental edition, \$8.50, PrEx 2.8: 973/app., and sent to depositories in that form. See Entry no. .)

228. Economic report of the President, transmitted to Congress Jan. 1972, together with annual report of Council of Economic Advisors. 1972. iii+304 p. il. *(Available in departmental edition, \$1.50, Pr 37.9: 972, and sent to depositories in that form. See Entry no. .)

239. 1970 annual report of Department of Housing and Urban Development. [1971.] 151 p. ([HUD-270-U.]) *(Available in departmental edition, \$1.50, Pr 37.9: 972, and sent to depositories in that form. See Entry no. .) 3749 3750 3752 3753 3754 3755

241. Environmental pollution effects on health, message from President of United States transmitting report of Department of Health, Education, and Welfare and Environmental Protection Agency on health effects of environmental pollution, pursuant to title 5 of Public law 91-515. Feb. 1, 1972. 3756 • Item 996

House reports

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

House reports on private bills, 92d Congress. † House Document Room. • Item 1008-B Capitol.

606. Incorporate Gold Star Wives of America. Report from Committee on District of Columbia to accompany H.R. 10677. Nov. 3, 1971. 5 p.

House reports

House reports on public bills, 92d Congress. † House Document Room, • Item 1008-A

610. Charitable trusts. Report from Committee on District of Columbia to accom-3758 pany H.R. 11489. Nov. 4, 1971. 10 p.

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

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MAROH 1972

- 633. Approving order of Secretary of Interior canceling irrigation charges against non-Indian-owned lands under Modoc Point unit of Klamath Indian Irrigation project, Oreg. Report from Committee on Interior and Insular Affairs to accompany H.R. 489. Nov. 9, 1971. 8p.
 661. Modifying ammunition recordkeeping requirements. Report from Committee on Ways and Means to accompany H.R. 3599. Nov. 10, 1971. 3 p.
 678. National research program to combat heroin addiction crisis. Report by Select Committee on Crime (created by H. Res. 115); Nov. 18, 1971. 1971. v+37 p. *Paper, 20c.
 684. District of Columbia appropriation bill, 1972. Report from Committee on Appropriations to accompany H.R. 11932. Nov. 29, 1971. 41 p.
 689. Supplemental appropriations bill, 1972. Report from Committee on Appropriations to accompany H.R. 11955. Nov. 30, 1971. 40 p.
 697. Providing for disposition of funds appropriated to pay judgment in favor of Jicarilla Apache Tribe in Indian Claims Commission docket numbered 22-A, and for other purposes, Report from Committee on Interior and Insular Affairs to accompany H.R. 9019. Dec. 1, 1971. 13 p.
 698. Providing for division and for disposition of funds to pay judgment in favor of Blackfeet Tribe of Blackfeet Indian Reservation, Mont., and Gros Ventre Tribe of Fort Belknap Reservation, Mont. Report from Committee on Interior and Insular Affairs to accompany H.R. 9325. Dec. 1, 1972 [1971]. Interior and Insular Affairs to accompany H.R. 9325. Dec. 1, 1972 [1971]. 22 p.
 699. Declaring that certain public lands are held in trust by United States for Summit Lake Painte Tribe, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 9702. Dec. 1, 1972 Summit Lake Falute First, and for other proposals.

 on Interior and Insular Affairs to accompany H.R. 9702. Dec. 1, 1972 [1971]. 4 p. 4º

 700. Declaring that certain federally owned land is held by United States in trust for Fort Belknap Indian Community. Report from Committee on Interior and Insular Affairs to accompany H.R. 10702. Dec. 1, 1972 [1971]. 3 p.

 710. Taxation of national banks by States. Report from Committee on Banking and Currency to accompany H.J. Res. 838. Dec. 6, 1971. 5 p.

 712. Waiving points of order against consideration of H.R. 12067 and waiving points of order against provisions of bill. Report from Committee on Rules to accompany H. Res. 727. Dec. 6, 1971. 1 p.

 713. Consideration of H.R. 1163, Report from Committee on Rules to accompany H. Res. 728. Dec. 6, 1971. 1 p.

 714. Economic stabilization act amendments of 1971. Report together with additional, supplemental, and dissenting views from Committee on Banking and Currency to accompany H.R. 11309. Dec. 7, 1971. 56 p.

 718. U.S. economic assistance for Laos, stabilization programs. 3d report by Committee on Government Operations; Dec. 8, 1971. 1971. v+24 p.

 721. District of Columbia medical facilities construction act of T. Report from Committee on District of Columbia to accompany H.R. 11628. Dec. 8, 1971. 12 p. Committee on District of Columbia to accompany R.R. 11626, Dec. 6, 1811, 12 p.

 725. Supplemental appropriations for fiscal year 1972. Conference report to accompany H.R. 11955, Dec. 9, 1971, 13 p.

 727. Extension of certain laws relating to housing, banking, and urban development. Conference report to accompany S.J. Res. 176, Dec. 9, 1971, 7 p.

 728. Providing for printing of additional copies of committee print entitled Review of SEC records of demise of selected broker-dealers. Report from Committee on House Administration to accompany H. Res. 633, Dec. 9, 1971. 1 p. 729. Authorizing printing as House document dedication ceremony of portrait of J. Edward Hébert, Chairman, Committee on Armed Services, Report from Committee on House Administration to accompany H. Res. 648.

 Dec. 9, 1971. 1 p. from Committee on House Administration to accompany H. Res. 626Dec. 9, 1971. 1 p.

 730. Providing for printing of 50,000 additional copies of subcommittee print of
 Subcommittee on Domestic Finance, of House Committee on Banking and
 Currency, entitled Primer on money. Report from Committee on House
 Administration to accompany H. Con. Res. 439. Dec. 9, 1971. 1 p.

 731. Authorizing printing of Joint Committee on Congressional Operations, purpose, legislative history, jurisdiction, and rules, as House document and
 for other purposes. Report from Committee on House Administration to
 accompany H. Con. Res. 441. Dec. 9, 1971. 1 p.

 732. Providing for printing as House document a compilation of eulogies on late
 Justice Hugo L. Black. Report from Committee on House Administration
 to accompany H. Con. Res. 469. Dec. 9, 1971. 1 p.

 733. Authorizing printing of study entitled Soviet space programs, 1966-70, as
 Senate document. Report from Committee on House Administration to
 accompany S. Con. Res. 30. Dec. 9, 1971. 1 p.

 734. Authorizing printing of compilation entitled Federal and State student aid
 programs, 1971, as Senate document. Report from Committee on House
 Administration to accompany S. Con. Res. 31. Dec. 9, 1971. 1 p.

 735. Authorizing printing of prayers of Chaplain of Senate during 91st Congress
 as Senate document. Report from Committee on House Administration to
 accompany S. Con. Res. 34. Dec. 9, 1971. 1 p.

 736. Authorizing printing of study entitled International cooperation in outer
- accompany S. Con. Res. 34. Dec. 9, 1971. 1 p.

 736. Authorizing printing of study entitled International cooperation in outer space, a symposium, as Senate document. Report from Committee on House Administration to accompany S. Con. Res. 44. Dec. 9, 1971. 1 p.

 739. Interest, usury, and consumer credit. Report from Committee on District of Columbia to accompany H.R. 12115. Dec. 9, 1971. 36 p.

 740. District of Columbia revenue act of 1971. Conference report to accompany H.R. 11341. Dec. 9, 1971. 8 p.

House reports on public bills, 92d Congress-Continued

- 3787
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- 742. Amending Land and water conservation fund act of 1965, as amended. Report from Committee on Interior and Insular Affairs to accompany H.R. 6730. Dec. 10, 1971. 39 p.
 746. Alaska native claims settlement act. Conference report to accompany H.R. 10367. Dec. 13, 1971. 48 p.
 747. Lump-sum death payment, provisions relating to work incentive program, intermediate care facilities coverage under medicaid and public assistance income disregard. Conference report to accompany H.R. 10604. Dec. 14, 1971. 10 p.
 750. Sugar act clarification. Report from Committee on Agriculture to accompany. 3789
- 3790
- 3791
- 1971. 10 p.
 750. Sugar act clarification. Report from Committee on Agriculture to accompany H. J. Res. 958. Dec. 14, 1971. 6 p.
 757. Air traffic control facilities and equipment requirements to meet needs of 1970's. 5th report of Committee on Government Operations; Dec. 16, 1971. 1971. v+130 p. [Corrected print.]
 758. Efficiency and effectiveness of Renegotiation Board operations. 6th report by Committee on Government Operations; Dec. 16, 1971. 1971. v+23 p. [Includes separate and additional views.] 3792
- committee on Government Operations; Dec. 16, 1971. 1971. v+23 p. [Includes separate and additional views.]

 759. Discontinuance of monthly press briefings by Bureau of Labor Statistics, Department of Labor. 7th report by Committee on Government Operations; Dec. 16, 1971. 1971. v+28 p. [Includes additional views.]

 760. Vietnam and hidden U.S. subsidy (inequitable currency exchange rates). 8th report by Committee on Government Operations; Dec. 16, 1971. 1971. 3793
- 3794
- report by Committee on Government Operations; Dec. 16, 1971. 1971. v+26 p.
 L.C. card 76-616486
 762. Establishing Sawtooth National Recreation Area in Idaho, to temporarily withdraw certain national forest land in Idaho from operation of U.S. mining laws, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 6957. Dec. 18, 1971. 20 p.
 803. Activity of Committee on Interstate and Foreign Commerce, 92d Congress, 1st session. Report of Committee on Interstate and Foreign Commerce; Feb. 1, 1972. 1972. v+124 p. 3795
- 3796

Agriculture Committee, House Washington, DC 20515

[Committee hearings] serial, 92d Congress. † • Item 1010

- N. Extension of exemption from marketing orders for potatoes for other processing, hearing before Subcommittee on Domestic Marketing and Consumer Relations, 92d Congress, 1st session on H.R. 11175 and H.R. 11213, Nov. 10, 1971, 1972, 1ii + 39 p.

 L.C. card 72-600540

 Y4.Ag 8/1: P 84/14 3797
- L.C. card 72-606540

 O. Adjustments in payment yields for cotton producers in event of natural disaster, hearing before Subcommittee on Cotton, 92d Congress, 1st session, on H.R. 9698, H.R. 9833, H.R. 11683, and H.R. 11706, Nov. 29, 1971. 1972. 3798 iii+51 p. L.C. card
- P. Amend P.A.C.A. [Perishable agricultural commodities act of 1930] relating to marketing practices, hearing before Subcommittee on Domestic Marketing and Consumer Relations, 92d Congress, 1st session on H.R. 9313 and S. 1838, Nov. 18, 1971. 1972. iii + 17 p.

 L.C. card 72-600537

 Y 4.Ag 8/1: M 34/19 3799
- 3800
- 3801
- Q. Watershed projects, hearings before Subcommittee on Conservation and Credit, 92d Congress, 1st session, Feb. 19-Oct. 5, 1971. iii+73 p.
 L.C. card 72-600539

 R. Sale of feed grains to Russia, hearing before Subcommittee on Livestock and Grains and Subcommittee on Department Operations, 92d Congress, 1st session, Dec. 8, 1971. 1972. iii+51 p.
 L.C. card 72-600622

 S. Miscellaneous, hearings, 92d Congress, 192 S. Miscellaneous, hearings, 92d Congress, 1st session, on H.R. 6217, H.R. 1161 [and] H.R. 6915, May 6-July 28, 1971. 1972, iii+29 p. L.C. card 72-600623 Y 4.Ag 8/1: M 68/2/971 3802

Appropriations Committee, House Washington, DC 20515

Atomic Energy Commission, hearings before subcommittee, 92d Congress, 3803 1st session, [on] Cannikin test and nuclear power program. 1971. ii+63 +i p. il. † • Item 1011 L.C. card 72-600504 Y 4.Ap 6/1: At 7/2

Armed Services Committee, House Washington, DC 20515

Cuban plane incident at New Orleans, hearings before Armed Services In-3804 vestigating Subcommittee, 92d Congress, 1st session, under authority of H. Res. 201, Nov. 9-Dec. 9, 1971. 1972. iii+123 p. il. ↑ ● Item 1012 Y 4.Ar 5/2: C 89 L.C. card 72-600509

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Papers, 92d Congress. † • Item 1012 Y 4.Ar 5/2a: 971-72/(nos.) NOTE.—These papers consist largely of hearings. They are paged continuously for binding at the end of session of Congress under title "Hearings before Committee on Armed Services of the House of Representatives on sundry legislation affecting the naval and military establishments." Title page, contents, and index are issued for each volume.

2805 Full committee hearing on H.R. 8856, to authorize additional Deputy Secretary of Defense, and for other purposes. Nov. 16, 1971. p. 7097-7111.

34. Subcommittee No. 3 hearing on S. 766, to authorize disposal of zinc from national stockpile and supplemental stockpile, and S. 754, to authorize disposal of silicon carbide from national stockpile and supplemental stock-3806 pile. Dec. 2, 1971. p. 7113-56. 3807

35. Overseas military personnel charter flights, hearings before Airlift Panel of Special Subcommittee on Transportation, 92d Congress, 1st session, Nov. 30-

Dec. 3, 1971. 1971. cover title, 7157-7374+ii p. il.

 Overseas military personnel charter flights, report by Airlift Panel of Special Subcommittee on Transportation, 92d Congress, 2d session; Jan. 27, 1972. 3808 1972. ii + 7427-38 p.

Banking and Currency Committee, House Washington, DC 20515

3809 Oversight of Federal housing and community development programs in State of Florida, hearing before Subcommittee on Housing, 92d Congress, 1st session, Miami, Fla., Oct. 8, 1971. 1971. iv+315 p. il. † • Item 1013 L.C. card 74-616393 Y 4.B 22/1: F 66/2

District of Columbia Committee, House Washington, DC 20515

3810 Hospitals and medical facilities, hearings before Subcommittee on Public Health, Welfare, Housing, and Youth Affairs, 92d Congress, 1st session, on H.R. 11628, Nov. 11 and Dec. 1, 1971. 1972. iv+88 p. † • Item 1014 L.C. card 72-600545 Y 4.D 63/1: H 79/3

Education and Labor Committee, House Washington, DC 20515

3811 Agricultural child labor act of 1971, hearings before Subcommittee on Agricultural Labor, 92d Congress, 1st session on H.R. 10499 and H.R. 1597, Sept. 16-29, 1971. 1971. iv+275 p. il. 4° † ● Item 1015 L.C. card 72-600611 Y 4.Ed 8/1: Ag 8/2

3812 Compilation of Federal education laws; Oct. 1971. 1971. xxxi+748 p. (Committee print, 92d Congress, 1st session.) † L.C. card 79-614936 Y 4.Ed 8/1: Ed 8/33/971

Foreign Affairs Committee, House Washington, DC 20515

3813 American prisoners of war in Southeast Asia, 1971, hearings before Subcommittee on National Security Policy and Scientific Developments, 92d Congress, 1st session.

pt. 2. June 29-Sept. 28, 1971. 1972. vi+173 p. il. L.C. card 77-612471 * Paper, 75c. • Item 1017 Y 4.F 76/1; P 93/4/971/pt.2

3814 Jerusalem, future of Holy City for 3 monotheisms, hearing before Subcommittee on Near East, 92d Congress, 1st session, July 28, 1971, 1971, xii +226 p. * Paper, \$1.00. • Item 1017 L.C. card 79-616441 Y 4.F 76/1: J 48

3815 Middle East, 1971, need to strengthen the peace, hearings before Subcommittee on Near East, 92d Congress, 1st session, July 13-Oct. 28, 1971. 1971. xi1+369 p. il. ↑ • Item 1017 L.C. card 71-619007 Y 4.F 76/1: Ea 7/10

> ΦFor Sale by National Technical Information Service, Springfield, VA 22151 Sent to Depository Libraries

- 3816 New directions for 1970's, hearings before Subcommittee on Inter-American Affairs, 92d Congress, 1st session.
 - pt. 2. Development assistance options for Latin America, Feb. 18-Aug. 4, 1971. 1971. v+271 p. il. * Paper, \$1.25. Item 1017 L.C. card 77-616340 Y 4.F 76/1: D 62/28/pt.2
- Soviet involvement in Middle East and Western response, joint hearings before Subcommittee on Europe and Subcommittee on Near East, 92d Congress, 1st session, Oct. 19-Nov. 3, 1971. 1971. vii+219 p. † Item 1017

 L.C. card 74-616334

 Y 4.F 76/1: So 8/14
- 3818 Soviet Jewry, hearings before Subcommittee on Europe, 92d Congress, 1st session, Nov. 9 and 10, 1971. 1972. v+313 p. il. * Paper, \$1.25. Item 1017

 L.C. card 72-600620 Y 4.F 76/1: J 55/5
- To limit United States contributions to United Nations, hearings before Subcommittee on International Organizations and Movements, 92d Congress, 1st session, Nov. 18 and Dec. 2, 1971. 1972. iii+84 p. † Item 1017

 L.C. card 72-600701 Y 4.F 76/1: Un 34/17
- U.S. participation in Hague Conference on Private International Law, International (Rome) Institute for Unification of Private Law, and International Bureau for Protection of Industrial Property, hearing before Subcommittee on International Organizations and Movements, 92d Congress, 1st session, on H.R. 11948 and H.J. Res. 984, Dec. 8, 1971. 1972. iii+14 p. † Item 1017
 L.C. card 72-600621 Y 4.F 76/1: H 12/3
- United States foreign policy for 1970's, comparison of the President's 1970 and 1971 foreign policy reports to Congress, prepared by Foreign Affairs Division of Library of Congress, Congressional Research Service; July 26, 1971. 1971. v+32 p. (Committee print, 92d Congress, 1st session.) † L.C. card 77-614780 Y 4.F 76/1: F 76/47

Government Operations Committee, House Washington, DC 20515

- 3823 Advisory committees, hearing before subcommittee, 92d Congress, 1st session on H.R. 4383, Nov. 4, 1971. 1972. iii+123 p. il. ↑ Item 1016
 L.C. card 72-600552 Y 4.G 74/7: Ad 9/7
- 3824 Defaults on FHA-insured mortgages (Detroit), hearings before subcommittee, 92d Congress, 1st session, Dec. 2–4, 1971. 1972. iii+138 p. il. †

 Item 1016
 L.C. card 72–600651

 Y 4.G 74/7: M 84/2
- District of Columbia food inspection and licensing, hearings before subcommittee, 92d Congress, 1st session.
- pt. 2. July 27-Sept. 15, 1971. 1971. v+343-624 p. † Item 1016
 L.C. card 70-616392 † 14.G 74/7: F 73/5/pt.2

 3826 Mercury pollution and enforcement of Refuse act of 1899, hearings before
- subcommittee, 92d Congress, 1st session.

 pt. 2. Oct. 21 and Nov. 5, 1971. 1972. iv+1091-1270 p. il. * Paper, 75c. (S/N 5270-1349). Item 1016

 L.C. card 73-616027 Y 4.G 74/7: M 53/pt.2
- 3827 Operations of Federal Housing Administration of Department of Housing and Urban Development, hearings before subcommittee, 92d Congress, 1st session, Oct. 13 and 14, 1971. 1971. iii+135 p. il. † Item 1016 L.O. card 79-616389 Y 4.G 74/7: F 31/16

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Interior and Insular Affairs Committee, House Washington, DC 20515

[Committee hearing] serial, 92d Congress. † • Item 1023

Y4: In 8/14: 92-(nos.) 22. National land use planning hearings before Subcommittee on Environment, 92d Congress, 1st session on H.R. 4332, H.R. 2173 and related bills, Sept. 13-Nov. 9, 1971, 1971, v+359 p.

L.C. card 72-600562 3828

 Mining and mineral research centers, hearing before Subcommittee on Mines and Mining, 92d Congress, 1st session, on H.R. 6788, H.R. 10950, and S. 635, Nov. 11, 1971, 1972, v+116 p. 1l. L.C. card 72-600655 3829

Internal Security Committee, House Washington, DC 20515

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

3830 National Peace Action Coalition (NPAC) and Peoples Coalition for Peace & Justice (PCPJ), hearings, 92d Congress, 1st session.

pt. 2. June 15-17, 1971. 1971. vi+1841-2335+lxxxvii p. il. * Paper, \$2.50.

O Item 1026
L.C. card 78-618857

Y 4.In 8/15: N 21 p/pt.2

Y 4.In 8/15: N 21 p/pt.2

Interstate and Foreign Commerce Committee, House Washington, DC 20515

[Committee hearings] serial, 92d Congress. • Item 1019

Y 4.In 8/4:92-(nos.)

3831

3832

Y 4.In 8/4:92-(nos.)

37a. Study of securities industry, hearings before Subcommittee on Commerce and Finance, 92d Congress, 1st session.
pt. 2. Sept. 14-27, 1971. 1971. v+745-1312 p. il. * Paper, \$2.50.
L.C. card 73-614905

42. Settlement of labor-management disputes in transportation, hearings before Subcommittee on Transportation and Aeronautics, 92d Congress, 1st session, on H.R. 3595 and all identical bills.
pt. 1. July 27-Sept. 30, 1971. 1971. ix+1-413 p. il. †
L.C. card 71-616387

44. Special Action Office for Drug Abuse Prevention, hearings before Subcommittee on Public Health and Environment, 92d Congress, 1st session, on H.R. 9264, H.R. 9059, and all other identical or similar bills, pt. 1.
June 28-Nov. 8, 1971. 1971. xvii+1-489 p. il. 1 pl. *Paper, \$2.25. 3833 June 28-Nov. 8, 197 L.C. card 75-616432

3834 45.

L.C. card 75-616432

Special Action Office for Drug Abuse Prevention, hearings before Subcommittee on Public Health and Environment, 92d Congress, 1st session, on H.R. 9264, H.R. 9059 (and all other identical or similar bills), pt. 2, June 28-Nov. 8, 1971. 1971. xvii+491-982 p. il. * Paper, \$2.00.

L.C. card 75-616432

Special Action Office for Drug Abuse Prevention, hearings before Subcommittee on Public Health and Environment, 92d Congress, 1st session, on H.R. 9264, H.R. 9059, and all other identical or similar bills, pt. 3, June 28-Nov. 8, 1971. 1971. xvii+983-1368 p. il. * Paper, \$1.50.

L.C. card 75-616432

Special Action Office for Drug Abuse Prevention, hearings before Subcomposition of the property of the property of the prevention of 3835

Special Action Office for Drug Abuse Prevention, hearings before Subcommittee on Public Health and Environment, 92d Congress, 1st session, on H.R. 9264, H.R. 9059 (and all other identical or similar bills), pt. 4. June 28-Nov. 8, 1971. 1971. xvii+1369-1607 p. il. map * Paper, \$1.25. 3836

National digestive diseases and nutrition act, hearings before Subcommittee on Public Health and Environment, 92d Congress, 1st session on H.R. 3665, H.R. 4837, H.R. 11192, and H.R. 11684, Nov. 9 and 10, 1971, 1972, v+216 p. †
L.C. card 72-600560 3837 48.

3838 ternational voluntary standards, hearing before Subcommittee on Com-merce and Finance, 92d Congress, 1st session on H.R. 8111, June 16, 1971. 49. International 1972. iv + 93 p. † L.C. card 72-600546

3839 50

C.C. card 72-600546
Consumer warranty protection, hearings before Subcommittee on Commerce and Finance, 92d Congress, 1st session, on H.R. 6313 (and similar and identical bills), Sept. 28-Oct. 15, 1971. 1972. vi+479 p. †
L.C. card 72-600662
FDA oversight, food inspection, hearings before Subcommittee on Public Health and Environment, 92d Congress, 1st session, Aug. 3-Sept. 14, 1971. 1972. vi+474 p. 11. †
L.C. card 72-600656 3840

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Judiciary Committee, House Washington, DC 20515

[Committee hearings] serial, 92d Congress. † • Item 1020 Y 4.J 89/1:92-(nos.)

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Y 4.J 89/1:92-(nos.)

15. Corrections, hearings before subcommittee no. 3, 92d Congress, 1st session. pt. 2. Prisons, prison reform, and prisoners' rights, California, Oct. 25, 1971. 1971. v+358 p. 1l.

L.C. card 73-616149
pt. 3. Prisoners' representation, Nov. 10-Dec. 2, 1971. 1972. iv+453 p. il.

16. Federal jury service, hearings before Subcommittee no. 5, 92d Congress, 1st session, on H.R. 8829 and identical bills, Nov. 10, 1971. 1971. iii+89 p. il.

L.C. card 72-616339
17. Commission on Revision of Judicial Circuits, hearings before Subcommittee 3842

L.C. card 72-616339
17. Commission on Revision of Judicial Circuits, hearings before Subcommittee no. 5, 92d Congress, 1st session, on H.R. 7378, June 16-July 13, 1971, 1972, iii+227 p.
L.C. card 72-600542
19. American Revolution Bicentennial Commission, hearing before subcommittee no. 2, 92d Congress, 1st session, on H.R. 7374, Nov. 10, 1971, 1972, iii+99 n. ii 3843

3844 p. il. L.C. card 72-600536

Rules of civil procedure for United States District Courts, with forms as 3845 amended to July 1, 1971; [prepared by Joseph Fischer]. 1971. xv+95 p. Y 4.J 89/1: C 49/7/971 * Paper, 50c.

Merchant Marine and Fisheries Committee, House Washington, DC 20515

[Committee hearings] serial, 92d Congress, 1st session. † • Item 1021 Y 4.M 53:92-(nos.)

 Merchant marine miscellaneous, hearings, 92d Congress, 1ssession.
 pt. 2. Military sealift procurement transfer, Mar. 4-16, 1971; Liberty ships for artificial reefs, H.R. 650, H.R. 3553, H.R. 5741, June 8, 1971; Ship mortgage insurance, H.R. 9756, Sept. 16, 1971. 1971. vi + 249 p. L.C. card 76-614335
 Coastal zone management, hearings before Subcommittee on Oceanography, 92d Congress, 1st session, on H.R. 2492, H.R. 2493 [and] H.R. 9229, June 22-Nov. 9, 1971. 1972. v + 463 p. il.
 L.C. card 72-600619 3846

3847

Public Works Committee, House Washington, DC 20515

[Committee hearings], 92d Congress. † • Item 1024 Y 4.P 96/11: 92-(nos.)

- John F. Kennedy Center act amendments, 1971, hearing before Subcommittee on Public Buildings and Grounds, 92d Congress, 1st session, on H.R. 9801, 3848
- 3849

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 John F. Kennedy Center act amendments, 1971, hearing before Subcommittee on Public Buildings and Grounds, 92d Congress, 1st session, on H.R. 9801, July 22, 1971, 1971, iii+48 p.
L.C. card 77-616391
 Red tape, inquiring into delays and excessive paper work in administration of public works programs, hearings before Subcommittee on Investigations and Oversight, June 15-24, 1971, 1971, viii+790 p. ii.
L.C. card 74-616377
 Heliport for District of Columbia, hearing before Subcommittee on Public Buildings and Grounds, 92d Congress, 1st session on H.R. 9723, Sept. 23, 1971, 1971, 1iii+71 p.
L.C. card 71-616395
 River basin monetary authorizations, Disaster relief act amendments, hearing before Subcommittee on Flood Control and Internal Development, 92d Congress, 1st session, on S. 2887, H.R. 6269, H.R. 6834, S. 1237, [and] H.J. Res. 893, Nov. 30, 1971, 1972, iii+50 p.
L.C. card 72-600616
 Interstate 75 safety projects in northern Kentucky, hearing before Subcommittee on Investigations and Oversight, 92d Congress, 1st session, Sept. 24, 1971, 1972, iii+107 p, ii.
L.C. card 72-600630 3851

3852

Science and Astronautics Committee, House Washington, DC 20515

Panel on Science and Technology, 13th meeting biographical briefs of 3853 participants, 92d Congress, 2d session, Jan. 25-27, 1972. 1972. v+47 p. (Committee print.) Y 4.Sci 2: B 52/972 L.C. card 72-600704

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[Paper], 92d Congress.

3854

12. National Bureau of Standards, oversight hearings, hearings before Subcommittee on Science, Research, and Development, 92d Congress, 1st session, Sept. 16–28, 1971. 1971. iv+387 p. ii. † Item 1025-A L.C. card 74–619005

Y 4.Sci 2:92–1/12

Veterans' Affairs Committee, House Washington, DC 20515

- 3855 History and potential of Veterans' Administration-medical school relationships for meeting physician manpower needs; Mar. 11, 1971. 1971. iii+23 p. (House committee print no. 14, 92d Congress, 1st session.) †

 L.C. card 70-614363 Y 4.V 64/3: M 46/22
- 3856 Soldiers' and sailors' civil relief act; Jan. 18, 1972. 1972. iii+35 p. (House committee print 134, 92 Congress, 2d session.) ‡
 L.C. card 72-600703

 Y 4.V 64/3: So 4/972

Ways and Means Committee, House Washington, DC 20515

Administration request for increase in public debt ceiling, hearings, 92d Congress, 2d session, Jan. 31 and Feb. 1, 1972. 1972. iv+251 p. il. †

• Item 1028
L.C. card 72-600659

Y4.W 36: D 35/3/972

SENATE Washington, DC 20510

- Cumulative index of congressional committee hearings (not confidential in character) 3d quadrennial supplement, 90th Congress (Jan. 2, 1967)—91st Congress (Jan. 2, 1971), together with selected committee prints in Senate Library; compiled by Carmen Carpenter and Polly Sargent. 1971. vi+695 p. 4° * Cloth, \$7.50 (S/N 5201-0049). Item 998

 Y 1.3: H 35/2/959/supp.-3
- 3859 Factual campaign information, compiled by Senate Library under direction of Francis R. Valeo, Secretary of Senate, Richard D. Hupman, Librarian. Revised Jan. 18, 1972. 1972. v+137 p. * Paper, 60c. Item 998 L.C. card 72–600556 Y 1.3: C 15/2/972
- Nomination and election of the President and Vice President of United States, including manner of selecting delegates to national political conventions, compiled by Richard D. Hupman, Senate Library, and Robert L. Thornton, Congressional Research Service, Library of Congress, under direction of Frances R. Valeo, Secretary of Senate; Jan. 1972. 1972. v+273+[2] p. il. 1 tab. [Based on laws in effect Jan. 1, 1972, including laws relating to minor and new parties, independent candidates, and corrupt practices.] * Paper, \$1.50. Item 998

 L.C. card 72-600557

Senate executive documents

Senate executive document, 92d Congress, 1st session.

J. Vienna convention on law of treaties, message from President of United States transmitting convention on law of treaties signed for United States on Apr. 24, 1970; Nov. 22, 1971. 1971, iii+40 p. ‡ Y 1.92/1; L

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, 92d Congress.

8. Biographical directory of American Congress, 1774-1971, Continental Congress, Sept. 5, 1774-0ct. 21, 1788, and Congress of United States, from 1st to 91st Congress, Mar. 4, 1789-Jan. 3, 1971; [compiled by Lawrence F. Kennedy]. [Revised edition.] 1971. 1972 p. large 8° Cloth, \$15.75 (S/N 5271-0249). (To be sent to depository libraries in Serial set binding.)

Senate documents, 92d Congress-Continued

33. Proposed amendment to budget for fiscal year 1972 for Commission on Highway Beautification. July 23, 1971. 2 p.

1 tem 996

1 tem 996 3863

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46. Proposed supplemental appropriations for legislative branch for fiscal year 1972. Dec. 7, 1971. 3 p. 1 tem 996
48. Veto message, economic opportunity amendments of 1971, message from President of United States returning without approval bill S. 2007. Dec. 10, 1971.

3868

48. Veto message, economic opportunity amendments of 1, thessage, economic opportunity amendments of 1818. 2007. Dec. 10, 1971. det of United States returning without approval bill S. 2007. Dec. 10, 1971. 66 p. ■ Item 996

49. Republican goal, peace with chance to survive, Republic report of Hugh Scott of Pennsylvania, Republican Leader for 1st session, 92d Congress; Dec. 13, 1971. 1971. iii+[1]+23 p. ■ Item 996

50. Financial management in Federal Government, selected information on financial developments in Federal Government and on legislation, both prepared and passed, 87th-91st Congresses, v. 2; prepared by General Accounting Office for Committee on Government Operations. 1971. ix+[491] p. *Paper, \$1.75. (To be sent to depository libraries in Serial set binding.)

L.C. card 70-000525

51. Soviet space program, 1966-70, goals and purposes, organization, resources, facilities and hardware, manned and unmanned flight programs, bioastronautics, civil and military applications, projections of future plans, attitudes toward international cooperation and space law, staff report for use of Committee on Aeronautical and Space Sciences, by Science Policy Research Division and Foreign Affairs Division of Congressional Research Service and European Law Division of Law Library, Library of Congress, Dec. 9, 1971. 1971. 1x1+670 p. ii. *Paper, \$3.00 (S/N 5271-0263). (To be sent to depository libraries in Serial set binding.)

L.C. card 70-616433

53. 1971 White House Conference on Aging, report to the delegates from conference sections and special concerns sessions, Nov. 28-Dec. 2; Dec. 1971. 1971. x1+151 p. *Paper, 60c. (S/N 5271-0266). ● Item 996

L.C. card 72-600719

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Senate reports

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

Senate reports on public bills, 92d Congress. † Senate Document Room, • Item 1008-A

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Capitol. • Item 1008-A
499. International Book Year, Report from Committee on Judiciary to accompany
S.J. Res. 149. Nov. 18, 1971. 3 p.
515. Nutrition program for the elderly under Older Americans act of 1965, as
amended Report together with supplemental views from Committee on
Labor and Public Welfare to accompany S. 1163. Nov. 29, 1971. 30 p.
540. Declaring that certain public lands are held in trust by United States for
Summit Lake Palute Tribe, and for other purposes. Report from Committee
on Interior and Insular Affairs to accompany S. 952. Dec. 2, 1971. 4 p.
541. Declaring that certain federally owned lands are held by United States in
trust for Palute-Shoshone Tribe of Fallon Reservation and Fallon Colony,
Nev. Report from Committee on Interior and Insular Affairs to accompany
S. 1115. Dec. 2, 1971. 5 p.
542. Authorizing sale of certain lands on Kalispel Indian Reservation, and for
other purposes. Report from Committee on Interior and Insular Affairs to
accompany H.R. 8381. Dec. 2, 1971. 6 p.
549. Supplemental appropriations bill, 1972. Report from Committee on Appropriations to accompany H.R. 11955. Dec. 2, 1971. 8 p.
558. Administrative practice and procedure. Report from Committee on Judiciary
pursuant to S. Res. 333, 91st Cong. 2d sess. Dec. 7, 1971. 20 p.
561. National American Indian policy. Report from Committee on Interior and
Insular Affairs to accompany S. Con. Res. 26, Dec. 7, 1971. 10 p.
562. Prevention of sickle cell anemia in District of Columbia. Report from
Committee on District of Columbia to accompany S. 267. Dec. 7, 1971. 4 p.
565. National cancer act of 1971. Conference report to accompany S. 1828. Dec. 8,
1971. 18 p.
566. Permitting appointment by the President of certain persons to service academies. Report from Committee on Armed Services to accompany S. 2945. 3874

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566. Permitting appointment by the President of certain persons to service academies. Report from Committee on Armed Services to accompany S. 2945. Dec. 9, 1971. 4 p. 3881

567. Providing for appointment of A. Leon Higginbotham, ir. as citizen regent of Board of Regents of Smithsonian Institution. Report from Committee on Rules and Administration to accompany S.J. Res. 173. Dec. 9, 1971. 3882

3883

568. Providing for appointment of John Paul Austin as citizen regent of Board of Regents of Smithsonian Institution. Report from Committee on Rules and Administration to accompany S.J. Res. 174. Dec. 9, 1971. 2 p.
569. Providing for appointment of Robert Francis Goheen as citizen regent of Board of Regents of Smithsonian Institution. Report from Committee on Rules and Administration to accompany S.J. Res. 175. Dec. 9, 1971. 2 p.
577. Interstate environment compact act of 1972. Report together with individual views from Committee on Judiciary to accompany S. 907. Dec. 11, 1971. 39 p. 3884

3885 1971. 39 p.

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- 578. Fees for migratory bird hunting stamps. Report from Committee on Commerce to accompany H.R. 701. Dec. 13, 1971. 8 p.
 581. Alaska native claims settlement act. Conference report to accompany H.R. 3886
- 3887 581. Alaska native claims settlement act. Conference report to accompany H.R. 10367. Dec. 14, 1971. 48 p.
 582. Conservation and protection of United States fish resources. Report from Committee on Commerce to accompany S. 2191. Dec. 14, 1971. 7 p.
 583. Enhance effectiveness of international fishery conservation programs. Report from Committee on Commerce to accompany H.R. 3304. Dec. 14, 1971. 1 p.
 584. Amendments to Fishermen's protective act of 1967. Report from Committee on Commerce to accompany H.R. 7117. Dec. 15, 1971. 17 p.
 585. Further continuing appropriations, 1972. Report from Committee on Appropriations to accompany H.J. Res. 1005. Dec. 15, 1971. 8 p.
 589. Authorizing printing of committee on tittled Joint Committee on Congressions.
- 3888
- 3889
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- priations to accompany H.J. Res. 1005. Dec. 15, 1971. 8 p.
 588. Authorizing printing of compilation entitled Joint Committee on Congressional Operations, purpose, legislative history, jurisdiction and rules, as House document. Report from Committee on Rules and Administration to accompany H. Con. Res. 441. Dec. 16, 1971. 1 p.
 589. Authorizing printing of compilation of eulogies on late Justice Hugo L. Black as House document. Report from Committee on Rules and Administration to accompany H. Con. Res. 469. Dec. 16, 1971. 1 p.
 594. Foreign assistance and related programs appropriation bill, 1972. Report from Committee on Appropriations to accompany H.R. 12067. Jan. 25, 1972. 68 p. il. 3892
- 3893
- 3894 1972. 68 p. il.

Aeronautical and Space Sciences Committee, Senate Washington, DC 20510

3895 Convey certain lands in Brevard County, Fla., hearing, 92d Congress, 1st session on S.J. Res. 42 and H.R. 11487, Dec. 2, 1971, 1971, iii+51 p. il. • Item 1032-A L.C. card 72-600571 Y 4.Ae 8: B 75

Aging, Special Committee on, Senate Washington, DC 20510

- 3896 Adequacy of Federal response to housing needs of older Americans, hearings before Subcommittee on Housing for the Elderly, 92d Congress, 1st session. • Item 1009 Y 4.Ag 4: H 81/3/pt.(nos.)
 - pt. 1. Washington, D.C., Aug. 2, 1971. 1971. iii+72 p. il. * Paper, 30c. L.C. card 75-616396

 - pt. 2. Washington, D.C., Aug. 3, 1971. 1971. iii+73-114 p. *Paper, 20c. L.C. card 75-616396
 pt. 3. Washington, D.C., Aug. 4, 1971. 1971. iii+115-242 p. *Paper, 55c. L.C. card 75-616396
- Cutbacks in medicare and medicaid coverage, hearings before Subcommittee on Health and the Elderly, 92d Congress, 1st session.
 - pt. 2. Woonsocket, R.I., June 14, 1971. 1971. iv+153-226 p. * Paper, 30c. Item 1009 L.C. card 78-614558 Y 4.Ag 4: M 46/4/pt.2
- 3898 Unemployment among older workers, hearings before Subcommittee on Employment and Retirement Incomes, 92d Congress, 1st session. • Item 1009 Y 4.Ag 4: Un 2/pt. (nos.)

 - pt. 3. Miami, Fla., Aug. 11, 1971. 1971. iii+129-192 p. * Paper, 30c. L.C. card 71-616143 pt. 4. Pocatello, Idaho, Aug. 27, 1971. 1971. iv+193-287 p. * Paper, 40c. L.C. card 71-616143

Agriculture and Forestry Committee, Senate Washington, DC 20510

- Financial needs of rural electric cooperatives, hearings before Subcommittee on Agricultural Credit and Rural Electrification, 92d Congress, 1st session, Oct. 26-27, 1971. 1972. vii +432 p. il. † • Item 1032 L.C. card 72-600543 Y 4.Ag 8/2: R 88/12
- 3900 Price support loans for wheat and feed grains and commodity reserves, hearing before Subcommittee on Agricultural Production, Marketing, and Stabilization of Prices, 92d Congress, 1st session, on S. 2093 [and other bills], Nov. 10, 1971. 1971. iii+110 p. † • Item 1032 L.C. card 71-616336 Y 4.Ag 8/2: W 56/22

ΦFor Sale by National Technical Information Service, Springfield, VA 22151 Sent to Depository Libraries

3901 Rural development, hearings before Subcommittee on Rural Development, 92d Congress, 1st session.

pt. 5. 1, Balanced national growth policy; 2, National rural development program; 3, S. 1612, Rural community development revenue sharing act of 1971; 4, Reorganization of Department of Agriculture and related agencies, Sept. 9 and 10, 1971. 1971. v+403 p. il. [Hearings held in Stillwater, Okla., and Lincoln, Nebr.] † Item 1032 L.C. card 71-614086 Y 4.Ag 8/2: R 88/11/pt.5

Appropriations Committee, Senate Washington, DC 20510

Supplemental appropriations, fiscal year 1972, hearings, 92d Congress, 1st 3902 session, on H.R. 11955. 1971. † • Item 1033

Y 4.Ap 6/2 : Ap 6/2/972/pt. (nos.)

pt. 1. il+1-859+xxiii p. il. LC. card 72-616434 pt. 2. il+861-1966+xxiii p. il. L.C. card 72-616434

Armed Services Committee, Senate Washington, DC 20510

3903 Close air support, hearings before Special Subcommittee on Close Air Support of Preparedness Investigating Subcommittee, 92d Congress, 1st session, Oct. 22-Nov. 8, 1971. 1972. ii+484 p. il. † • Item 1034 L.C. card 72-600625 Y 4.Ar 5/3: Ai 7/14

3904 Miscellaneous bills, hearing before subcommittee, 92d Congress, 1st session, on H.R. 4729 [and other bills], Nov. 5, 1971. 1971. iii+37 p. † • Item 1034

Y 4.A 5/3: B 49/12/971 L.C. card 79-616338

3905 Nomination of Robert E. Cushman, jr., to be Commandant of Marine Corps and H.R. 8856, hearing, 92d Congress, 1st session, Dec. 9, 1971. 1972. iii+18 p. † ● Item 1034 L.C. card 72-600665 Y 4.Ar 5/3: C 95

Banking, Housing, and Urban Affairs Committee, Senate Washington, DC 20510

3906 Compilation of material relevant to considering nomination of William J. Casey, to be member of Securities and Exchange Commission; Mar. 8, 1971. 1971. vi+391 p. il. (Committee print, 92d Congress, 1st session.) Y 4.B 22/3: C 26/2 L.C. card 70-614418

Securities industry study, hearing before Subcommittee on Securities, 92d 3907 Congress, 1st session. † • Item 1035 Y 4.B 22/3: Se 2/14/pt. (nos.) pt. 1. Commission rates and institutional membership, Sept. 21, 1971, 1971, iti +227 p. 1. 1971. 1972. v + 455 p. il. 1 pl. L.C. card 75-616388

Commerce Committee, Senate Washington, DC 20510

[Committee hearings] serial, 92d Congress. † • Item 1041

Y 4.C 73/2: 92-(nos.)

22. Natural gas supply for Pacific Northwest, 92d Congress, 1st session, on S. 2404.
pt. 2. Oct. 21 and 22, 1971. 1971. iv + 377-1016 p. il.
L.C. card 73-614712
34. Transportation of Government traffic by civil air carriers, hearings before 3908

Subcommittee on Aviation, 92d Congress, 1st session, on S. 1821, June 24 and Sept. 30, 1971, 1971. ili+155 p. il.

L.C. card 78-619006
eight car shortees 3909

35. Freight car shortages, hearings before Special Subcommittee on Freight Car Shortages, 92d Congress, 1st session, on S. 1415, S. 1729, S. 1730 [and] 3910 8. 1731

S. 1731. pt. 1. May 19—June 29, 1971. 1971. iv+450 p. il. L.C. card 72-600572

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

- 36. Nominations, 1971, hearings, 92d Congress, 1st session, on nominations of Peter B. Hutt, to be Assistant General Counsel for Food, Drugs, and Environmental Health, Department of Health, Education, and Welfare, Clarence Morse, to be Federal Maritime Commissioner, Federal Maritime Commission, William M. Benkert, to be Rear Admiral, Coast Guard, Harold B. Scott, to be Assistant Secretary of Commerce, Sept. 17-27, 1971, 1972, iv+99 p. 3911 L.C. card 72-600652
- 3912 Goals of Committee for 2d session of 92d Congress; Jan. 28, 1972, 1972. vi+54 p. (Committee print, 92d Congress, 2d session.) L.C. card 72-600706 Y 4.C 73/2: G 53

District of Columbia Committee, Senate Washington, DC 20510

- 3913 D.C. revenue act of 1971, hearing, 92d Congress, 1st session, on H.R. 11341, Nov. 16, 1971, 1971, [3] +249 p. il. † • Item 1036 L.C. card 70-619004 Y 4.D 63/2: R 32/2/971
- 3914 Insurance, licensing procedures, fix fees, law enforcement and criminal justice, hearing before Subcommittee on Business, Commerce, and Judiciary, 92d Congress, on S. 2208, S. 1363, S. 1338 [and] S. 2209, Dec. 1, 1971. 1972. iii+148 p. † ● Item 1036 L.C. card 72-600617 Y 4.D 63/2: In 7/5
- Nominations to Superior Court and Public Service Commission, hearing, 92d Congress, 1st session, on nomination of Joseph M. F. Ryan, George W. Draper II and H. Mason Neely, Dec. 13, 1971, 1971, iii+15 p. ↑ • Item 1036 L.C. card 72-616442 Y 4.D 63/2: N 72
- 3916 Unemployment compensation, mental health, teacher annuities, personnel acts, and medical facilities construction, hearing before Subcommittee on Public Health, Education, Welfare, and Safety, 92d Congress, 1st session, on S. 2429 [and other bills], Nov. 24, 1971. 1972. iv+252 p. il. † Item 1036 L.C. card 72-600654

Equal Educational Opportunity, Select Committee on, Senate Washington, DC 20510

- 3917 Equal educational opportunity, 1971, 92d Congress, 1st session. • Item
 - 1009 Y 4.Eq 2: Eq 2/pt.(nos.) Inequality in school finance, Sept. 29-Oct. 5, 1971. 1971. iii+6727-6892 p. tab. * Paper, \$1.00. L.C. card 70-608401 pt. 16B,
 - pt. 16D-2. Inequality in school finance, general appendixes. 1971. iv + 7789-8285 p. il. * Paper, \$1.75. L.C. card 70-608401
 - pt. 16D-3. Inequality in school finance, general appendixes. 1971. iii+8287-8614
 p. il. * Paper, \$1.25.
 L.C. card 70-608401
 - Delivery systems for Federal aid to disadvantaged children, Oct. 7, 1971. 1971. iv+8615-9006 p. il. * Paper, \$1.50. L.C. card 70-608401 pt. 17.
 - pt. 18. Pupil transportation costs, Oct. 6, 1971. 1971. iii+9007-9377 p. il. * Paper, \$1.50. L.C. card 70-608401
 - Equal educational opportunity in Michigan, Oct. 26-Nov. 2, 1971. 1971. iii+9379-9614 p. ii. * Paper, \$1.00. pt. 19A. iii+9379-9614 p. il. L.C. card 70-608401
 - pt. 19A-1. Equal educational opportunity in Michigan, U.S. Senate Select Committee on Equal Educational Opportunity staff charts on Michigan's educational assessment program. 1972. ii p. 31 pl. * Paper, \$1.75. L.C. card 70-608401
 - pt. 19B. Equal educational opportunity in Michigan, Sept. 29-Nov. 4, 1971. 1971. iv+9615-9901 p. il. * Paper, \$1.25. L.C. card 70-608401
 - Equal educational opportunity in Michigan: Appendixes. iv+9903-10153 p. il. * Paper, \$1.00. L.C. card 70-608401 pt. 19C.

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Sent to Depository Libraries

Y 4.D 63/2: Un 2/4

Finance Committee, Senate Washington, DC 20510

- 3918 Canadian automobile agreement, 5th annual report of the President to Congress on operation of Automotive products trade act of 1965; Feb. 1, 1972. 1972. ii+[3]+86 p. (Committee print, 92d Congress, 2d session.)

 * Paper, 40c. Item 1038 Y 4.F 49: C 16/8/972
- 3919 Excerpts for Social security act as amended by H.R. 1; Aug. 16, 1971. 1971. v+427 p. (Committee print, 92d Congress, 1st session.) † 1.0. card 77-614224 Y 4.F 49: So 1/27
- 3920 H.R. 8866, Sugar act amendments of 1971, summary of principal provisions of H.R. 8866 as passed by House of Representatives; June 16, 1971. 1971. ii+7 p. 4° (Committee print, 92d Congress, 1st session.) † Y 4.F 49: Su 3/14
- 3921 Material related to H.R. 1, welfare programs for families; July 21, 1971. 1971. iii+77 p. il. (Committee print, 92d Congress, 1st session.) † L.C. card 72-614220 Y 4.F 49: W 45/2
- 3922 Material related to H.R. 1, work and training provisions; July 23, 1971.

 1971. iii+81 p. il. (Committee print, 92d Congress, 1st session.) †
 L.C. eard 73-614223 Y 4.F 49: W 89
- Nomination of Romana Acosta Banuelos to be Treasurer of United States, hearing, 92d Congress, 1st session, Nov. 29, 1971. 1972. iii+73 p. il. †

 Item 1038
 L.C. card 72-600668

 Y 4.F 49: B 22

Foreign Relations Committee, Senate Washington, DC 20510

Nominations to U.S. Advisory Commission on Information, hearings, 92d Congress, 1st session, on nominations of Frank Stanton, Hobart Lewis, James A. Michener, and John Shaheen, Apr. 29 and June 8, 1971. 1971. iii+38 p. *Paper, 20c. • Item 1039
L.C. card 75-616337

Y 4.F 76/2: N 72/971-2

Government Operations Committee, Senate Washington, DC 20510

- 3925 Advisory committees, hearings before Subcommittee on Intergovernmental Relations, 92d Congress, 1st session, on S. 1637, S. 1964, and S. 2064. pt. 3. Oct. 6-11, 1971. 1971. x+755-1094 p. † Item 1037 Y 4.G 74/6; Ad 9/3/971/pt.3
- 9926 Preserving the future of Long Island Sound, hearings before Subcommittee on Executive Reorganization and Government Research, 92d Congress, 1st session.
- pt. 4. Oct. 13, 1971, 1971, iii + 60 p. il. † Item 1037 L.C. card 70-609634 Y 4.G 74/6: L 85 is/pt.4
- 3927 Utility consumers' counsel and information act of 1971, hearings before Subcommittee on Intergovernmental Relations, 92d Congress, 1st session, S. 607, Oct. 28 and 29, 1971. 1971. vi+199 p. il. ↑ Item 1037 Y 4.G 74/6: Ut 3/3/971

Interior and Insular Affairs Committee, Senate Washington, DC 20510

[Committee hearing] serial, 92d Congress. † • Item 1040 Y 4.In 8/13: 92-(nos.)

3928 12. Oil shale, hearing before Subcommittee on Minerals, Materials, and Fuels, pursuant to S. Res. 45, 92d Congress, 1st session, on S. 2510, Nov. 15, 1971, 1972, iv+152 p.
L.C. card 72-600667

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

- Review of developments in coal gasification, hearing before Subcommittee on Minerals, Materials, and Fuels, pursuant to S. Res. 45, 92d Congress, 1st session, Nov. 18, 1971. 1972. iii+i22 p. il. L.C. card 76-616443 3929
- 16. Problems of electrical power production in Southwest, hearings, pursuant to S. Res. 45, 92d Congress, 1st session. pt. 6. Nov. 10, 1971. 1972. iv+1937-2220 p. il. 1 pl. * Paper, \$1.50. L.C. card 71-614331 3930
- 3931 Connecticut River Valley, hearings before Subcommittee on Parks and Recreation, 92d Congress, 1st session, on S. 36, Nov. 8 and 22, 1971. 1972. iii+61 p. † ● Item 1040 L.C. card 72-600672 Y 4.In 8/13: C 76/971

3932 Dispute of titles on public lands, hearing before Subcommittee on Public Lands, 92d Congress, 1st session, on S. 216, S. 579 [and] S. 721, Sept. 30, 1971. 1971. iv+87 p. il. † ● Item 1040

L.C. card 78-616335

Y 4.In 8/13: L 23/14

- 3933 Extension of Indian Claims Commission, hearing before Subcommittee on Indian Affairs, 92d Congress, 1st session, on S. 2408, Oct. 21, 1971. 1971. iii+50 p. † ● Item 1040 L.C. card 72-600618 Y 4.In 8/13: In 2/16
- 3934 Flaming Gorge National Recreation Area, hearing before Subcommittee on Parks and Recreation, 92d Congress, 1st session, on review of plans and development for Flaming Gorge National Recreation Area in Utah and Wyoming, Oct. 8, 1971, 1971, iv +90 p. [Hearing held in Manila, Utah.] † • Item 1040 L.C. card 72-600663 Y 4.In 8/13: F 61/971
- 3935 Hells Canyon Snake National River, hearings before Subcommittee on Parks and Recreation, 92d Congress, 1st session, on S. 717 and S. 448, Sept. 16-30, 1971. 1971. ix+490 p. il. † • Item 1040 L.C. card 72-600559 Y 4.In 8/13: H 36/8
- 3936 Interior nomination, hearing, 92d Congress, 1st session, on nomination of Vincent E. McKelvey as Director, Geological Survey, Nov. 23, 1971. 1972. ii+12 p. † ● Item 1040 L.C. card 72-600633 Y 4.In 8/13: M 19/2
- 3937 Management practices on public lands, hearings before Subcommittee on Public Lands, 92d Congress, 1st session, on S. 350 and S. 1734. † • Item 1040 Y 4.In 8/13: P 96/12/pt. (nos.)

pt. 1. Atlanta, Ga., July 23, 1971, 1971, vi+254 p. L.C. card 72-600554

- pt. 2. Portland, Oreg., Aug. 9, 1971. 1971. vii+457 p. il. L.C. card 72-600554 pt. 3. Syracuse, N.Y., Sept. 24, 1971. 1971. v+218 p. L.C. card 72-600554
- Marine sanctuaries in California, hearings before Subcommittee on Minerals, Materials and Fuels, 92d Congress, 1st session on S. 1446-S. 1452, Nov. 1 and 4, 1971. 1971. iv+163 p. il. map † • Item 1040 L.C. card 72-600544 Y 4.In 8/13: M 33
- 3939 Three Sisters Wilderness, Oreg., hearings before Subcommittee on Minerals, Materials, and Fuels, 92d Congress, 1st session, on S. 1784, Sept. 13 and 14, 1971. 1971. v+95 p. † • Item 1040 L.C. card 72-600573 Y 4.In 8/13: T 41
- 3940 Westlands water district, hearing before Subcommittee on Water and Power Resources, 92d Congress, 1st session, on S. 2528 and H.R. 1682, Dec. 6, 1971. 1971. iii+25 p. † • Item 1040 L.C. card 72-600666 Y 4.In 8/13: W 52/2
- 3941 Youth Conservation Corps act of 1970, hearing, 92d Congress, 1st session, on S. 2454, Oct. 14, 1971. 1971. v+83 p. il. † • Item 1040 L.C. card 78-616394 Y 4.In 8/13: Y 8/2

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Judiciary Committee, Senate Washington, DC 20510

- 3942 Federal data banks, computers and Bill of Rights, hearings before Subcommittee on Constitutional Rights, 92d Congress, 1st session.
 - pt. 1. Feb. 23-Mar. 17, 1971. 1971. vii+1045 p. il. * Paper, \$4.25. Item 1042 L.C. card 77-619011 Y 4.J 89/2: B 22/16/pt.1
- Presidential commissions, hearings before Subcommittee on Administrative Practice and Procedure, 92d Congress, 1st session, May 25-July 27, 1971.

 1971. vii+360 p. † Item 1042

 L.O. card 70-619001

 Y 4.J 89/2: P 92/13
- 3944 Reform of Federal criminal laws, hearings before Subcommittee on Criminal Laws and Procedures, 92d Congress, 1st session.
 - pt. 2. State experience, May 24—Sept. 24, 1971. 1971. iv+519-922 p. † Item
 1042
 L.C. card 77-612341

 Y 4.J 89/2: C 86/12/pt.2

Labor and Public Welfare Committee, Senate Washington, DC 20510

- Amphetamine abuse among truckdrivers, hearing before Subcommittee on Alcoholism and Narcotics, 92d Congress, 1st session, Oct. 1, 1971. 1971. iv+459 p. il. ↑ Item 1043
 L.C. card 73-619002

 Y 4.L 11/2: Am 7
- National sickle cell anemia prevention act, hearings before Subcommittee on Health, 92d Congress, 1st session, on S. 2676, Nov. 11 and 12, 1971. 1972. v+315 p. il. ↑ Item 1043

 L.O. card 72-600631

 Y 4.L 11/2: N 21 si
- Nomination, hearing, 92d Congress, 1st session, on H. Guyford Stever, of Pennsylvania, to be Director of National Science Foundation, Nov. 30, 1971. 1972. ii+18 p. † Item 1043

 L.C. card 72-616477 Y 4.L 11/2: N 72/5/971-15
- 3948 Nicholas W. Craw, of District of Columbia to be Assistant Director of Action (for Citizens' Placement), Nov. 30, 1971. 1972. ii+22 p. †

 Item 1043
 L.C. card 70-616479 Y 4.L 11/2: N 72/5/971-16
- 3949 Roy E. Batchelor, of Tennessee, to be Assistant Director of Office of Economic Opportunity (for Operations), Nov. 30, 1971. 1972. ii+7 p. †

 Item 1043
 L.C. card 72-600506

 Y 4.L 11/2: N 72/5/971-14
- Physicians training facilities and health maintenance organizations, hearings before Subcommittee on Health, 92d Congress, 1st session, on S. 935, S. 703, S. 837, S. 1182, S. 1301. † Item 1043 Y 4.L 11/2: P 56/pt.(nos.)
 - pt. 2. Oct. 5-18, 1971. 1971. iv +459-824 p. L.C. card 71-614437 pt. 3. Nov. 2 and 10, 1971. 1971. iv +825-1833 p. il, L.C. card 71-614437
- Proposed Fair labor standards amendments of 1971, comparison of principal provisions of S. 1861, S. 2259, and H.R. 7130 (as reported), prepared by Subcommittee on Labor; Jan. 1972. 1972. ii+8 p. (Committee print, 92d Congress, 2d session.) †

 L.C. card 72-600647

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MAROH 1972

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 on the Senate by S. Res. 281 of the 90th Congress, 2d session, which was considered, amended, and agreed to July 30, 1968.

Nutrition and human needs, 1971, hearings, 92d Congress, 1st session. • Item 1009 Y 4.N 95: N 95/971/pt.(nos.)

pt. 8B. Food distribution program, Sept. 22-23, 1971. 1971. iv+2331-2457 p. il.
* Paper, 60c.
L.C. card 70-613918

pt. 9. Universal school lunch program, Oct. 13, 14, 1971. 1971. iv+2459-2537 p. * Paper, 40c. L.C. card 70-613918

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

- Health insurance coverage, hearing before Subcommittee on Compensation and Employment Benefits, 92d Congress, 1st session, on administration of Federal employees group health program, Nov. 23, 1971. 1972. iii+54 p.

 † Item 1044
 L.C. card 72-600669
 Y 4.P 84/11: H 34/9
- 3954 National Guard technicians, hearing before Subcommittee on Compensation and Employment Benefits, 92d Congress, 1st session on S. 855, Oct. 13, 1971. 1971. iii+66 p. † Item 1044 L.C. card 72-600538 Y 4.P 84/11: T 22
- Nominations, hearing, 92d Congress, 1st session, on nominations of Theodore W. Braun, Charle H. Codding, jr., Patrick E. Haggerty, Andrew D. Holt, George E. Johnson, Frederick R. Kappel, E. T. Klassen, Crocker Nevin, and M. A. Wright to Board of Governors of United States Postal Service, Dec. 6, 1971. 1972. iii+15 p. † Item 1044
 L.C. card 76-616478

Public Works Committee, Senate Washington, DC 20510

- [Committee publications] serial, 92d Congress. † Y 4.P 96/10: 92-(nos.)
- 2. Proposed modification to authorized Oakley Reservoir project, Sangamon River, Ill., report of Corp of Engineers; Dec. 1970. 1971. xix+290 p. il. 10 pl. 4° (Committee print, 92d Congress, 1st session.)
 L.C. card 75-614533
- 3957

 5. Watershed work plan for watershed protection, and flood prevention, Ecleto Creek watershed, Guadalupe, Wilson, Karnes, and DeWitt Counties, Tex., report of Soil Conservation Service, Department of Agriculture, in accordance with provisions of Public law 83-566; Feb. 1971. 1971. xxvii+53 p. li. 4 pl. 4° (Committee print, 92d Congress, 1st session.)

 L.C. card 70-613784
- 3958
 10. Watershed work plan for watershed protection, and flood prevention, Cedar Creek watershed, Coweta and Fulton Counties, Ga., report of Soil Conservation Service, Department of Agriculture, in accordance with provisions of Public law 83-566; Apr. 1971. 1971. xxix+44 p. 1 pl. 4° (Committee print, 92d Congress, 1st session.)
 L.C. card 70-613776
- 3959 H28. Amending John F. Kennedy Center act, hearing before Subcommittee on Buildings and Grounds, 92d Congress, 1st session, Dec. 2, 1971. 1972. iii+60 p.

 L.C. card 72-600561

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

3960 Review of Small Business Administration's programs and policies, 1971, hearings, 92d Congress, 1st session, on SBA programs and policies and related economic questions, Oct. 5–20, 1971. 1971. v+484 p. il. † ● Item 1049

L.C. card 72–600615 Y 4.Sm 1/2: Sm 1/3/971

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8961 SBA's 8(a) subcontracting program, minority enterprise, hearings before Subcommittee on Government Procurement, 92d Congress, 1st session, Sept. 29 and 30, 1971. 1971. v+434 p. il. † • Item 1049
L.C. card 77-619003 Y 4.Sm 1/2: Su 1/2

Veterans' Affairs Committee, Senate Washington, DC 20510

Veterans pension and dependents and indemnity compensation programs, hearing before Subcommittee on Compensation and Pensions, 92d Congress, 1st session on S. 2771 and related bills, Nov. 8, 1971. 1972. v+296
p. il. † • Item 1046-A
L.C. card 72-600673

Y 4.V 64/4: P 38

CONSUMER AFFAIRS OFFICE, Executive Office of the President Washington, DC 20510

3963 Guide to Federal consumer services, [1971.] vii+151 p. *Paper, \$1.00.

• Item 857-I-2
L.C. card 73-616122

PrEx 16.8: Se 6

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

3964 Federal meat and poultry inspection, statistical summary for 1971. [Dec. 1971.] 27 p. † ● Item 21-S A 88.17/7:971

Idst of chemical compounds, authorized for use under USDA poultry, meat, rabbit, and egg products inspection programs. Revised Oct. 1971. [1971.] 215+11 p. 4° (Meat and Poultry Inspection Program, Laboratory Service Division.) [List complete as of Oct. 1, 1971.] *Paper, \$2.00 (S/N 0116-0080). • Item 107-B

PMG (series).

3966 24. 1972 turkey marketing guide. [1971.] [2]+7 p. 11. 4° † • Item 18-D
A 88.26/5:24

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Catalog of copyright entries, 3d series, v. 24. * Paper, \$50.00 a yr. (including semiannual issues for pts. 1-13); \$12.50 additional for foreign mailing.

91. 5. Music, name index, no. 1, sec. 2, Jan.—June 1970. 1971. [1] +991—1665 p. 40

1 tem 795

Note.—Part 5 also sold separately on subscription. * Paper, \$15.00 a

yr., \$3.75 additional for foreign mailing; semiannual issue, \$7.50.

LC 3.6/5: v.24/pt.5/no.1/sec.2

3968 pt. 5. Music, no. 2, July-Dec. 1970. 1971. ● Item 795
sec. 1. Current and renewal registrations. x + 1667-2525 p. 4°
sec. 2. Name index. [1] + 2587-3209 p. 4°
LC 3.6/5: v.24/pt.5/no.2/sec.1,2

COST OF LIVING COUNCIL, Executive Office of the President Washington, DC 20416

NOTE.—The Cost of Living Council was established by Executive order 11615 of August 15, 1971. Section 2.

3969 Cost of Living Council news. (Office of Public Affairs.) [Irregular.] † PrEx 17.7:(date)

Aug. 31, 1971-

COURT OF CLAIMS Washington, D.C. 20006

3970 [U.S. Court of Claims reports]: v. 194, Cases decided in Court of Claims, Feb. 1-May 31, 1971, with report of decisions of Supreme Court in Court of Claims cases; reported by Audrey Bernhardt, reporter. 1971.

xx+1061 p. [Errata, 1 p., issued also.] * Cloth, \$6.00 (S/N 2800-0038).

• Item 730

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CUSTOMS BUREAU, Treasury Dept. Washington, DC 20226

3971 Annual report, fiscal year 1971. [1971.] cover title, [24] p. il. 4° (Office of Investigations.) * Paper, 35c. (S/N 4802-0030). • Item 950-C

T 17.1: 971

3972 134th set revised pages to Customs regulations through Nov. 17, 1971. 1971. [44] p. 4° [Includes amendments made by Treasury decisions 71-231 through 71-279. Issued in looseleaf form.] * Paper, \$13.00 (including basic book and revised pages for an indefinite period); \$3.50 additional for foreign mailing. • Item 948-A T 17.9: 971/rev.pages 134

DEFENSE COMMUNICATIONS AGENCY, Defense Dept. Arlington, VA 22204

3973 National Military Command System information processing system 360 formatted file system (NIPS 360 FFS): General description. July 1, 1971. cover title, iv+34 p. 4° (National Military Command System Support Center, Computer systems manual, CSM GD 15A68.) * Paper, 65c. ● Item 315-D-1 D 5.109: D 45

DEFENSE DEPARTMENT Washington, DC 20301

Defense standardization manual M (series).

4120.3-M. Standardization policies, procedures and instructions, Jan. 1972. [1972.] [310] p. il. 4° (Office of Assistant Secretary of Defense (Installations and Logistics).] [Issued in looseleaf form. Supersedes 4120.3M, Apr. 1966 and all changes and notices thereto.]

* Paper, \$2.50. • Item 314-A 3974

Defense Supply Agency handbook DSAH (series). • Item 314-A D 7.6/7: 4215. (nos.)

4215.19. Industrial plant equipment handbook; FSC 3680, Foundry equipment. Feb. 1972. cover title, iii+172 p. 4° (SB 708-3658-1; [Navy Dept.] NAVSUP pub. 5517; [Air Force Dept.] AFM 78-23; [Marine Corps] MCO P 4870.23A.) [Issued with perforations, Supersedes DSAH 4215.19/SB 708-3680-1/NAVSANDA pub 5517/AFM 78-23/MOC P 4870.23, May 20, 1966.] * Paper, \$1.75. 3975

4215.23. Industrial plant equipment handbook: FSC 4920, Aircraft maintenance and repair shop specialized equipment. Feb. 1972. cover title, iii+136 p. 4° (SB 708-4920-1; [Navy Dept.] NAVSUP Pub 5521; [Air Force Dept.] AFM 78-33; [Marine Corps] MCO P4870.27E.) [Issued with perforations. Supersedes DSAH 4215.23/SB 708-4920-1/NAV SUP Pub 5521/AFM 78-33/MCO P4870.27A, Mar. 11, 1969.] * Paper, 3976 \$1.25.

4215.35. Industrial plant equipment handbook: FSC 3620, rubber and plastics working machinery. Feb. 1972. cover title, lii+78 p. 4° (SB 708-3620-1; NAVSUP pub. 5534; [Air Force Dept.] AFM 78-28; [Marine Corps] MCO P4870.40B.) [Issued with perforations. Supersedes DSAH 4215.35/SB 708-3620-1/NAVSUP pub 5534/AFM 78-28/MCO P4870.40A, Mar. 10, 1969.] * Paper, \$1.00. 3977

3978

P4870.40A, Mar. 10, 1969.] * Paper, \$1.00.

4215.37. Industrial plant equipment handbook: FSC 3650, chemical and pharmaceutical products manufacturing machinery. Feb. 1972. cover title, iii+78 p. 4° (SB 708-3650-1; NAVSUP pub 5536; [Air Force Dept.] AFM 78-45; [Marine Corps] MCO P4870.42A.) [Issued with perforations. Supersedes DSAH 4215.37/SB 708-3650-1/NAVSUP pub 5536/AFM 7845/MCO P4870.42, Feb. 14, 1967.] * Paper, \$1.00.

4215.42. Industrial plant equipment handbook: FSC 3431, 3423, 3433, 3436, 3438, Welding, heat cutting and metalizing equipment. Feb. 1972. cover title, iii+237 p. 4° (SB 708-3400-4; [Navy Dept.] NAVSUP Pub 5541; [Air Force Dept.] AFM 78-39; [Marine Corps] MCO P4870.49A.) [Issued with perforations. Supersedes DSAH 4215.42/SB 708-3400-4/NAVSUP Pub 5541/AFM 78-39/MCO P4870.49, Jan. 14, 1969, and Change 1.] * Paper, \$2.00. 3979

4215.47. Industrial plant equipment handbook: FSC 4910, Motor vehicle maintenance and repair shop specialized equipment. Feb. 1972. cover title, iii+45 p. 4° (SB 708-4910-1; [Navy Dept.] NAVSUP Pub. 5550; [Air Force Dept.] AFM 78-52; [Marine Corps] MCO P4870.54A.) [Issued with perforations. Supersedes DSAH 4215.47/SB 708-4910-1/NAVSUP pub 5550/AFM 78-52/MCO P4870.54, June 1, 1970.] 3980 * Paper, 60c.

> ΦFor Sale by National Technical Information Service, Springfield, VA 22151 Sent to Depository Libraries

- 3981 Federal item identification guide: Antenna, July 18, 1969, Change 3, Jan. 3, 1972. [17] p. 4° (FIIG A074; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.]

 * Paper, 20c. Item 314-A D 7.6/4: An 8/ch.3
- —— Automobiles, buses, and trucks, May 28, 1971, Change 1. Dec. 29, 1971.

 [56] p. 4° (FIIG A375; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.]

 * Paper, 30c. Item 314-A

 D 7.6/4: Au 8/2/ch.1
- 3983 Biologicals, June 25, 1971, Change 1. Jan. 11, 1972. [34] p. 4° (FIIG T088; Defense Supply Agency, Defense Logistics Services Center, Battle Oreek, Mich.) [Issued with perforations.] * Paper, 35c. Item 314-A D 7.6/4; B 52/ch.1
- —— Compressors, reciprocating, rotary, and centrifugal, Change 3. Dec. 10, 1971. [30] p. 4° (FIIG A026; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.]

 * Paper, 30c. Item 314-A D 7.6/4: C 73/ch.3
- Jan. 4, 1972. [84] p. 4° (INTERIM FIIG T243; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] *Paper, 75c. Item 314-A D 7.6/4: D 43/ch.1
- 3986 Hand tools, powered and non-powered, June 18, 1971, Change 1.

 Jan. 12, 1972. [95] p. 4° (FIIG T294; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 75c. Item 314-A D 7.6/4: H 19/4/ch.1
- 3987 —— Headset, electrical, Aug. 22, 1969, Change 2. Jan. 4, 1972. [22] p. 4° (FIIG A068; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 20c. Item 314-A D 7.6/4: H 34/ch.2
- Heating elements, electrical, immersion, and non-immersion, Change 2.

 Dec. 24, 1971. [38] p. il. 4° (FIIG A019; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 40c. Item 314-A D 7.6/4: H 35/ch.2
- 3989 —— Insulation, thermal, May 1971, Change 3. Dec. 17, 1971. [25] p. 4°
 (FIIG A016; Defense Supply Agency, Defense Logistics Services Center,
 Battle Creek, Mich.) [Issued with perforations.] * Paper, 25c. Item
 314-A D 7.6/4: In 7/ch.3
- Junction boxes, Dec. 20, 1968, Change 4. Jan. 11, 1972. [29] p. 4° (FIIG A061; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 30c. Item 314-A D 7.6/4: J 95/ch.4
- 3991 [Lamps, Apr. 4, 1969], Change 3. Jan. 3, 1972. [27] p. 4° (FIIG A079; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 25c. Item 314-A D 7.6/4: L 19/ch.3
- Material handling equipment, self-propelled and non-self-propelled, Apr. 30, 1971, Change 1. Nov. 26, 1971. [23] p. 4° (FIIG T346; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 20c. Item 314-A D 7.6/4: M 41/5/ch.1
- 3993 Medical and surgical equipment and supplies, June 25, 1971, Change 1.

 Jan. 7, 1972. [83] p. 4° (INTERIM FIIG T133, Defense Supply Agency,
 Defense Logistics Services Center, Battle Creek, Mich.) [Issued with
 perforations.] * Paper, 75c. Item 314-A D 7.6/4: M 46/5/ch.1
- 3994 Medical type components and accessories, June 4, 1971, Change 1.

 Jan. 14, 1972. [18] p. 4° (INTERIM FIIG T117, Defense Supply Agency, Defense Logistics Services Center.) [Issued with perforations.]

 * Paper, 30c. Item 314-A D 7.6/4: M 46/3/ch.1

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

3995 - Metal bars, rods, wires, sheets, plates, and shapes, Change 2. Dec. 17, 1971. [6] p. il. 4° (FIIG A131; Defense Supply Agency, Defense Logistics Services Center, Mich.) [Issued with perforations.] * Paper, 10c. • Item 314-A D 7.6/4: M 56/3/ch.2 3996 -Microphones and microphone elements, Sept. 19, 1969, Change 2. Jan. 11, 1972. [20] p. 4° (FIIG A064; Defense Supply Agency, Defense Logistics Services Center. Battle Creek, Mich.) [Issued with perfora-* Paper, 20c. • Item 314-A tions. D 7.6/4: M 58/ch.2 3997 - Miscellaneous covers, Apr. 23, 1971, Change 1. Aug. 10, 1971. [24] p. 4° (FIIG T237; Defense Supply Agency, Defense Logistics Services Center. Battle Creek, Mich.) [Issued in looseleaf form.] * Paper, 20c. • Item 314-A D 7.6/4: C 83/3/ch.1 3998 Miscellaneous covers, April 23, 1971, change 2. Dec. 29, 1972. [31] p. 4° (Interim FIIG T237; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper. 30c. • Item 314-A D 7.6/4: C 83/3/ch.2 3999 - Miscellaneous hardware, May 7, 1971, Change 1. Aug. 9, 1971. [22] p. 4° (FIIG T378; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.] * Paper, 20c. • Item 314-A D 7.6/4: H 22/6/ch.1 4000 — Presses, shearing, punching, boring, drilling, and tapping machine, Apr. 16, 1971, Change 1. Jan. 8, 1972. [41] p. 4° (INTERIM FIIG T317; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 45c. • Item 314-A D 7.6/4: P 92/2/ch.1 4001 -Pumps, liquid, general purpose, May 8, 1970, Change 1, Aug. 2, 1971. [16] p. 4° (FIIG A194; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 15c. • Item 314-A D 7.6/4: P 96/ch.1 4002 -Stuffing tubes and components, June 21, 1968, Change 4. Feb. 8, 1972. [29] p. 4° (FIIG A049; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, • Item 314-A D 7.6/4: St 9/ch.4 4003 —Subsistence, May 15, 1970, Change 2. Jan. 12, 1972. [86] p. 4° (INTERIM FIIG T113; Defense Supply Agency, Defense Logistice Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 75c. Item 314-A D 7.6/4: Su 1/2/ch.2 4004 Federal supply catalog: Consolidated master cross reference list, C-RL-1N. Jan. 1, 1972. 69 v., cover titles, [72]+28545 p. 4° (Defense Logistics Services Center.) [Issued with perforations. Supersedes Jan. 1, 1971 edition and Change bulletin 3, Oct. 1, 1971.] * Paper, \$200.00 a yr. (including basic list and supplementary material); \$50.00 additional for foreign mailing. • Item 314-L D 7.20: 972/v.1-69 4005 How to do business with Defense Supply Agency, guide to businessmen in his constant search for new markets. [Jan. 1972.] cover title, 24 p. il. (Defense Supply Agency.) [Text on p. 25 of cover.] ‡ • Item 314-A D 7.6/4: B 96/972 Military standard MIL-STD (series). [Issued with perforations.] • Item 314-J D 7.10:(nos.) Preparation of household goods for shipment and storage and related services, Change notice 5. Oct. 15, 1971. [14] p. ii. 4° (FSC PACK.)

Mobile electric power engine generator standard family characteristics data sheets. Oct. 29, 1971. [140] p. ii. 4° (FSC 6115.) [Supersedes MIL-STD-633B, Nov. 21, 1967.]

Attachments and accessories for boring machines. Nov. 29, 1971. iv+11 p.

4° (FSC 3411.)

Attachments and accessories for welding positioners and manipulators. 4006 212C. 4007 633C. 4008 950. Attachments and accessories for welding positioners and manipulators. Nov. 30, 1971. iv+6 p. 4° (FSC 3436.)
Attachments and accessories for welding equipment, miscellaneous. Nov. 30, 1971. iv+6 p. 4° (FSC 3438.) 4009 952.

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953.

Military standard MIL-STD (series)-Continued

- 1223M. Administrative wheeled vehicles, treatment, painting, undercoating, identification marking, data plates and warranty notice standards, Aug. 15, 1970, Notice 1. Aug. 15, 1971. [5] p. 4° (FSC-2310-2320-2330.)

 1344. Test methods for electrical connectors, Notice 3. Dec. 13, 1971. [13] p. il. 4° (FSC 1650.)

 1408. The standard of the standard o 4011
- 4012 4013
- 4014
- (FSC 1650.)
 Air conditioners, family of environmental control units, general application characteristics. Nov. 17, 1971. iii+76 p. il. 4° (FSC 4120.)
 1486A. In-transit fumigation of freight cars. Nov. 24, 1971. iii+9 p. 4° (FSC 6840.) [Supersedes MIL-STD-1486 (GL), May 6, 1970.]
 1491. Glossary of knitting imperfections. Dec. 3, 1971. iii+7 p. 4° (FSC 4015
- Glossary of 83GP.) 4016
- MILSCAP, military standard contract administration procedures. Dec. 1971. cover title, [282] p. 4° (DoD 4105.63-M; Office of Assistant Sec-4017 retary of Defense (Installations and Logistics).) [Supersedes DoD 4105.63-M, Dec. 1, 1966, and Changes 1-11, Interim changes 12a-12e. Issued in looseleaf form.] * Paper, \$2.25. • Item 314-A D 7.6/4: M 59/3/971
- MILSCAP, military standard contract administration procedures, supp. 2, 4018 Change 1. Jan. 1, 1972. [28] p. il. 4° (DoD 4105.63-M; Defense Supply Agency.) [Issued in looseleaf form.] * Paper, 25c. • Item 314-A D 7.6/4: M 59/3/supp.2/ch.1
- [MILSTRIP], supp. 2, Military assistance program address directory, 4019 Sept. 1, 1971, Change 5. Feb. 1, 1972. [65] p. 4° (DoD 4140.17-M; Defense Supply Agency.) [Issued in looseleaf form.] * Paper, 60c. ● Item D 7.6/4: M 59/supp.2/rev.5/ch.5 314-A
 - Shock and vibration monograph, SVM series. (Shock and Vibration Information Center, Naval Research Laboratory.)
- 4020

DOMESTIC COUNCIL, Executive Office of the President Washington, DC 20500

NOTE.—The Domestic Council was established in the Executive Office of the President pursuant to Reorganization plan 2, effective July 1, 1970.

Workfare, reforming welfare system. 1971. 12 p. il. 4° * Paper, 40c. 4021 PrEx 15.2: W 89 • Item 856-B-1

ECONOMIC DEVELOPMENT ADMINISTRATION, Commerce Dept. Washington, DC 20230

Jobs for America, Economic Development Administration annual report, 4022 fiscal 1971. [1972.] [8] +88 p. il. 4° * Paper, \$1.00. • Item 130-F C 46.1:971

ECONOMIC RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

Agricultural economic report.

- 218. Rural-urban population, income, and employment, simulation of alternative futures; [by Clark Edwards and Rudolph De Pass]. [Dec. 1971.] cover title, iv+37 p. il. 4° [Text on p. 2 of cover.] † Item 42-C L.C. card 72-600503 4023
- Agricultural finance review, v. 32, supplement, Jan. 1972. [1972.] cover title, ii+79 p. 4° ([Agricultural Finance Branch, Farm Production 4024 Economics Division.]) [Page 79 appears on p. 3 of cover.] A 93.9/10: 32/supp.
- Farm real estate market developments, supplement no. 1 to CD 76. Dec. 4025 1971. 4 p. il. 4° † ● Item 42-A A 93.9/4: 76/supp.1

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

MAROH 1972

Foreign agricultural economic report.

4026

75. World demand prospects for grain in 1980 with emphasis on trade by less developed countries [with list of references]; by Anthony S. Rojko, Francis S. Urban, and James J. Naive. Dec. 1971. viii+147 p. ii. 4° [Text on p. 2 of cover.] * Paper, \$1.25. ■ Item 42-B

LC. card 72-600508

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

- 4027 American education's annual guide to OE programs. [1971.] [8] p. il. large
 4° ([OE 11015-72-A.]) [Reprinted from American education, Aug.—
 Sept. 1971.] * Paper, 10c. Item 460-A-11 HE 5.211: 11015-72-A
- 4028 Career education. [1971.] iv+10+[2] p. il. oblong 16° (DHEW publication (OE) 72-39.) * Paper, 20c. (S/N 1780-0878). Item 460-A-80 HE 5.280: 80075
- 4029 Career guidance, overview of alternative approaches [with bibliographies; by Robert E. Campbell and Louise Vetter]. [Aug. 1971.] cover title, [2] +16 p. ([Information series 45; VT 013 479.]) [ERIC Clearinghouse on Vocational and Technical Education, Center for Vocational and Technical Education, Ohio State University, Columbus, Ohio. Preface on p. 2 of cover.] † Item 461 (Rev. 1965)
- 4030 Dynamics of interinstitutional cooperation in international education, case study of Regional Council for International Education [with select bibliography]. [1971.] cover title, xiii+64 p. (OE-14160.) [Prepared in cooperation with Regional Council.] * Paper, 40c. (S/N 1780-0812).
 Item 460-A-14
 L.C. card 72-600683 HE 5.214: 14160
- 4031 [This entry number not used].
- 4032 Education for new Colombia; by Richard R. Renner. [1971.] x+199 p. il. (OE-14152; Institute of International Studies.) [Prepared under contracts OEC-1-7-07117-5231 and OEC-0-70-2717 by University of Gainesville, Fla.] * Paper, \$1.25. Item 460-A-14
 L.C. card 72-600678 HE 5.214: 14152
- 4033 Education of gifted and talented: v. 2, Background papers (appendixes), pursuant to Public law 91-230, sec. 806 [with bibliographies]. Aug. 1971. [395] p. il. 4° † Item 461 (Rev. 1965) HE 5.2: G 36/2/v.2
- Educational system of Israel [with selected reading list; by Nellie Apanasewicz in collaboration with Seymour M. Rosen.] [1971.] 9 p. il. 4° ([OE-14158]; Institute of International Studies.) *Paper, 15c. (S/N 1780-0806). Item 460-A-14
- 4035 Fall enrollment in higher education, 1970, supplementary information, summary data; by George H. Wade. [1971.] ix+241 p. 4° (DHEW publication (OE) 72-57; National Center for Educational Statistics.) [Highlights and list of related NCES publications on p. 2 and 3 of cover. At head of title on cover: Higher education.] *Paper, \$2.00. Item 460-A-54 HE 5.254: 54052-70
- 4036 Good training, good jobs, MDTA, air traffic control trainees, pretest orientation, keys to successful MDTA program. [1971.] [8] p. il. narrow 8° ([DHEW publication (OE) 72-53; Division of Manpower, Development and Training.]) [Prepared in cooperation with OIC, Federal Aviation Administration, Transportation Dept.] * Paper, \$5.50 per 100; single copy 10c. (S/N 1780-0888). Item 460-A-87 HE 5.287: 87061
- 4037 How Louisville put it all together; [by Storey Moorefield]. Dec. 1971. [8] p. il. large 4° (DHEW publication 72–60.) [Reprinted from American education, Dec. 1971.] * Paper, 15c. Item 460–A–58

HE 5.258: 58046

- 4038 Migrant education, selected bibliography supp. 2; compiled by David M. Altus, Aug. 1971. viii+[1]+129 p. 4° (Educational Resources Information Center (ERIC), Clearinghouse on Rural Education and Small Schools (CRESS), New Mexico State University, Las Cruces, N. Mex.)
 * Paper, \$1.25 (S/N 1780-0850).

 HE 5.10: M 58/supp.2 HE 5.10: M 58/supp.2
- New environmental education program of U.S. Office of Education. [1971.] 4039 cover title, [4]+12+[2] p. il. oblong 12° ([DHEW publication (OE) 72-41.]) * Paper, 30c. (S/N 1780-0889). ● Item 460-A-10 HE 5.210: 10078
- New path to educational leadership; by Beverly Gifford. [1971.] 4 p. 4° 4040 ([DHEW publication (OE) 72-72.] [Reprinted from American educa-* Paper, 10c. • Item 460-A-23 HE 5.223: 23057 tion, Dec. 1971.]
- Occupational experience for teacher education, handbook for teacher edu-4041 cators [with bibliography; by Gary Beasley and James Smiley]. [Sept. 1971.] cover title, [2]+27 p. ([Information series 40; VT 013 044]) [ERIC Clearinghouse on Vocational and Technical Education, Center for Vocational and Technical Education, Ohio State University, Columbus, Ohio. Preface on p. 2 of cover.] * Paper, 30c. (S/N 1780-0795). • Item HE 5.6/2: T 22/3 461-A (Rev. 1965)
- Outdoor education, selected bibliography, supp. 1; compiled by David M. 4042 Altus. Aug. 1971. viii+[1]+254 p. 4° (Educational Resources Information Center (ERIC), Clearinghouse on Rural Education and Small Schools (CRESS), New Mexico State University, Las Cruces, N. Mex.) [Staff study.] * Paper, \$2.00 (S/N 1780-0832). HE 5.10: Ou 8/supp.1
 - PREP [Putting research into educational practice] reports. * Paper, \$6.00; \$1.50 additional for foreign mailing. Single copies, 55c. • Item HE 5.89: (nos.) 461-C
- 29. New products in education. [1971.] [1]+31 p. il. 4° (DHEW publication (OE) 72-9; National Center for Educational Communication.) 4043
- 4044 Research for progress in education, annual report, fiscal year 1970, Cooperative research Public law 83-531 as amended. [May 1971.] vi+39 p. 4° (OE-12051-70; National Center for Educational Research and Development.) * Paper, 50c. (S/N 1780-0807). • Item 460-A-12 HE 5.212: 12051-70
 - Review and synthesis of research on individualizing instruction in vocational and technical education [with bibliography; by] Joseph T. Impellitteri [and] Curtis R. Finch. Dec. 1971. vii +86 p. (Information series
- 43; VT 013 338.) [ERIC Clearinghouse on Vocational and Technical Education, Center for Vocational and Technical Education, Ohio State University.] * Paper, 50c. (S/N 1780-0798). • Item 461 (Rev. 1965.) HE 5.2: In 7/5 Rural education and small schools, selected bibliography, supplement 1; 4046
- compiled by David M. Altus. July 1971. viii+[1]+486 p. 4° (Educational Resources Information Center (ERIC), Clearinghouse on Rural Education and Small Schools (CRESS), New Mexico State University, Las Cruces, N.M.) * Paper, \$3.50 (S/N 1780-0833).
 - HE 5.10: R 88/2/supp.1
- Specialized reading instruction in public schools, fall 1968; by Leslie J. Silverman, [1971.] [2]+iv+22 p. 4° (DHEW publication (OE)-72-73; National Center for Educational Statistics.) * Paper, 25c. • Item HE 5.230: 30043 460-A-30
- Students enrolled for advanced degrees, fall 1970, summary data; by Mary 4048 Evans Hooper. [1971.] vi+43 p. 4° (DHEW publication (OE) 72-64; National Center for Educational Statistics.) [At head of title on cover: Higher education. Text and related NCFS publication on p. 2-3 of cover.] HE 5.254: 54019-70/pt.A * Paper, 55c. • Item 460-A-54

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- 4049 3d annual report of National Advisory Committee on Handicapped Children, [fiscal year] 1970. [1971.] xii+8 p. 4° ([OE-72-3.]) ↑ Item 461-B HE 5.86: 970
- 4050 Title 1 ESEA participation of private school children, handbook for State and local school officials. 1971. vi+52 p. 4° ([(OE) 72-62.]) †

 Item 461-A (Rev. 1965) HE 5.6/2: P 93
- What school administrators should know about cooperative vocational education [with bibliography; by Roy L. Butler and Edwin G. York].

 [Aug. 1971.] cover title, [2]+13 p. (Information series no. 37; VT 012 906.) [ERIC Clearinghouse on Vocational and Technical Education, Center for Vocational and Technical Education, Ohio State University, Columbus, Ohio.] * Paper, 25c. (S/N 1780-0772). Item 461 (Rev. 1965)
- What school administrators should know about vocational education for disadvantaged youth in rural areas [with bibliography; by Oliver W. Robinson and Henry E. Schmitt]. [Aug. 1971.] cover title, [2]+19 p. (Information series 39; VT 012 965.) [ERIC Clearinghouse on Vocational and Technical Education, Center for Vocational and Technical Education, Ohio State University, Columbus, Ohio.] *Paper, 30c. (S/N 1780-0774). Item 461 (Rev. 1965) HE 5.2: V 85/9

EMPLOYMENT STANDARDS ADMINISTRATION, Labor Dept. Washington, DC 20210

Note.—The Employment Standards Administration was established by Secretary's Order 13-71, effective April 28, 1971.

- Age discrimination in employment act of 1967, report covering activities under the act during 1971 submitted to Congress in 1972 in accordance with sec. 13 of the act; [prepared by Gabriel Perales, jr.]. [1972.] cover title, [6]+29 p. 4° † Item 746-C-1 L36.2: Ag 3
- 4054 Hired farm workers, economic effects study of proposals to increase minimum wage under Fair labor standards act and feasibility of extending coverage to additional workers, submitted to Congress in 1972; [prepared by Anna Carrera]. [1972.] cover title, [189] p. 4° † Item 746-C-1

 L 36.2: H 61
- Wages and hours of work on nonsupervisory employees in all private nonfarm industries by coverage status under Fair labor standards act; [by Anna Carrera with assistance of Frank Ford and others]. [1972.] cover title, v+63+A-vii+A-69 p. 4° [Economic effects study submitted to Congress 1972.] † • Item 746-C-1

ENGINEERS CORPS (Army), Defense Dept.

NOTE.—Orders or requests for publications of the Engineers Corps, other than those sold by the Supt. of Documents or by Division and District Engineers in other cities, should be addressed to the Department of the Army, Office of Chief of Engineers, Publications Depot, 4300 Wheeler Ave., Alexandria, VA 22304.

Coastal Engineering Research Center: Reprint (series). †

D 103.42/4: (nos.)

- 4056
 7-71. Class of probability models for littoral drift [with list of references]; by
 William R. James, Sept. 1970. cover title, p. 831-837, 4° [Reprinted
 from Proceedings of 12th Coastal Engineering Conference, Sept. 1970.
- Washington, D.C.]

 8-71. Effect of long period waves on hydrographic surveys [with list of references]; by Orville T. Magoon and William O. Sarlin. Sept. 1970. cover title, p. 2251-2265, il. 4° [Reprinted from Proceedings of 12th Coastal Engineering Conference, Sept. 1970, Washington, D.C.]
 - 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.]
- 4058 26. Ports of Freeport, Port Isabel, and Brownsville, Tex., pt. 2. Revised 1969; [updated through May 1971]. [1971.] v+101 p. il. 4° * Paper, \$2.00 (S/N 0822-0058). Item 340
 L.C. card 72-600528 D 103.8: 26/2

◆For Sale by National Technical Information Service,
 Springfield, VA 22151
 ◆Sent to Depository Libraries

4059 Shore protection guidelines, part of National shoreline study conducted by Corps of Engineers. Aug. 1971. [2] +59 p. il. 4° † • Item 337-B L.C. card 74-616499 D 103.6/5: Sh 7

Special flood plain information report: Rock Creek above Louisiana & 4060 Arkansas Railroad, Sulphur Springs, Tex. Mar. 1971. cover title, 2 leaves, 2 pl. 4° [Prepared for City of Sulphur Springs by Corps of Engineers, U.S. Army, New Orleans District, La.] ‡ D 103.47: Su 5

Waterways Experiment Station.

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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.) H-70-2. Operating forces on sector gates under reverse heads, appendix A: Results of supplemental tests, hydraulic model investigation; by N. R. Owalt, T. E. Murphy. Army-MRC Vicksburg, Miss., Dec. 1971. [28]

4062

p. 1l. 4°
Proposed jetty-head repair sections, Humboldt Bay, Calif., hydraulic model investigation [with list of literature cited]; by D. D. Davidson. Army-MRC Vicksburg, Miss., Nov. 1971. [168] p. il. 4° [Sponsored by Army Engineer District, San Francisco.]

M-75-2. Performance of soils under track loads: rp. 2, Prediction of track pull performance in desert sand [with list of literature cited]; by G. W. Turnage, Army-MRC Vicksburg, Miss., Nov. 1971. [97] p. il. 4° [Sponsored by U.S. Army Materiel Command; project 1T062103A046, task 4063 08.1

ENVIRONMENTAL DATA SERVICE, Commerce Dept. Washington, DC 20235

4064 World Data Center A, Oceanography: Semiannual report of oceanographic data exchange, fiscal year 1971 [with list of references]; prepared by Ronald E. Moffatt and E. Godfrey Trammell, jr. Dec. 1971. iv +28 p. il. 4° ([WDCA-OC-71-1.]) † ● Item 834-N-2 C 55.220/3:971

ENVIRONMENTAL PROTECTION AGENCY Washington, DC 20460

- Analysis of institutional solid wastes [with list of references]; by Stewart 4065 A. Messman, 1971. x+61 p. il. 4° (Report (SW-2tg); Solid waste management series.) [Prepared under training grant EC-00032 to University of Illinois.] † • Item 487-A-1 EP 3.2: In 7 L.C. card 71-616360
- Conference in matter of pollution of navigable waters of Boston Harbor and 4066 its tributaries, Massachusetts, proceedings, 3d session, Oct. 27, 1971, Boston, Mass. [1972.] cover title, [1]+327+4 p. il. 4° † ● Item 473-A-1 EP 1.16/2: B 65 L.C. card 72-600690
- EPA's noise abatement program; [by Alvin F. Meyer, jr.] [May 19, 1971.] 4067 8+[3] p. [Presented at Second National Meeting of National Organization to insure Sound-Controlled Environment. Text on p. 2 of cover.] † EP 1.2: N 69 Item 431–I–1
- New York solid waste management plan, status report 1970 [with lists of references]; by Roy F. Weston. 1971. [277] p.+34 maps, 4° (Report (SW-5tsg); Solid waste management series.) [Prepared for New York 4068 State Department of Health under State planning grant UI-00021 from Federal solid waste management program.] * Paper, \$4.75 (S/N 5502-EP 3.2: N 42 y 0045). • Item 487-A-1

Water pollution control research series. • Item 473-A-1 EP 1.16: (nos.) 11010 EVE 01/71. Evaluation of conditioning and dewatering sewage sludge by 4069 freezing [with list of references]; by Sewerage Commission of City of Milwaukee, Wis. Jan. 1971. vi+67+[1] p. il. 4° ([Research and Monitoring.]) [Grant WPRD 71-01-68.] * Paper, 70c. L.C. card 72-600548

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4070	11010 FLQ 03/71.	Phosphorus removal with pickle liquor in activated sludge plant [with list of references]; by [Raymond D. Leary and others], Sewerage Commission of City of Milwaukee, Milwaukee, Wis. Mar. 1971. viii+143+[1] p. ii. 40 (Research and Monitoring.) * Paper, \$1.25.
4071	11022 ECV 09/71.	Underwater storage of combined sewer overflows [with bib- liography; by Karl R. Rohrer and William J. Bandy, jr.] Karl R. Rohrer Associates, Inc., Akron, Ohio. Sept. 1971. ix+170+[1] p. il. 4° [Contract 14-12-143.] * Paper, \$1.50.
4072	11024 FKM 12/71.	L.C. card 72-600605 Urban storm runoff and combined sewer overflow pollution. Sacramento, Calif. [with list of references]; by D. L. Feuerstein, R. W. King, and A. Grimm, Envirogenics Company, division of Aerojet-General Corporation, El Monte, Calif. Dec. 1971. xvi+193+[1] p. il. 4° [Research and Monitoring.]) [Contract 14-12-197.] * Paper, \$1.75.
4073	11060 DPD 02/71.	Combined treatment of municipal Kraft linerboard, and fiberboard manufacturing wastes [with list of reference publications]; by Macon, Ga., Board of Water Commissioners, Georgia Kraft Co. [and] Armstrong Cork Co. Feb. 1971. x+131+[1] p. il. 4° (Industrial pollution control.)
4074	12010 EIE 11/71.	L.C. card 72-600594 Investigation of techniques for removal of cyanide from electroplating wastes; prepared by Battelle, Columbus Laboratories, Columbus, Ohio. Nov. 1971. viii+87+[1] p. il. 4° (Industrial Pollution Control Section.) [Grant WPRD 201-01-68. of Research and Monitoring, Environmental Protection Agency and Metal Finishers' Foundation.] * Paper, \$1.00. L.C. card 72-600713
4075	12020 FPD 09/71.	Inorganic fertilizer and phosphate mining industries, water pollution and control [with list of references]; by [Harold T. Fullam and Bobby P. Faulkner], Batelle Memorial Institute, Richland, Wash. Sept. 1971. xi+225+[1] p. il. 4° ([Research and Monitoring.]) * Paper, \$1.75.
4076	12040 EEK 08/71.	Treatment of selected internal kraft mill wastes in cooling tower [with list of reference; by J. A. McAlister, B. G. Turner, R. B. Estridge], Georgia Kraft Company, Research and Development Center, Rome, Ga. Aug. 1971. vii+149 + 11 p. il. 4° [Program 12040EEK, grant WPRD 116-01-68.] ° Paper, \$1.25.
4077	12040 EFC 01/71.	L.C. card 72-600693 Pollution abatement by fiber modification [with list of references]; by [G. G. Allan], Institute of Forest Products, College of Forest Resources, University of Washington, Seattle, Wash, Jan. 1971. ix+54+[1] p. il. 4° (Research and Monitoring.) * Paper, 65c. L.C. card 72-600564
4077A	12040 ELW 12/70.	Aerated lagoon treatment of sulfite pulping effluents [with list of references]; by [H. R. Amberg and others], Crown Zellerbach Corporation, Lebanon Division, Lebanon, Oreg. Dec. 1970. x+135+[1] p. ll. 4° [Grant WPRD 69-01-68.] Paper, \$1.25.
4078	12040 EMY 12/71.	Multi-system biological treatment of bleached Kraft effluents [with list of references]; by Mead Corporation, Chillicothe, Ohio. Dec. 1971. viii+270+[1] p. il. 4° [Industrial pollution control grant WPRD-55.] Paper \$2.00
4079	12060 DSI 07/71.	State-of-art, sugarbeet processing waste treatment [with lists of references; by James A. Fischer and Edgar H. Hungerford], Beet Sugar Development Foundation, For College
4080	12060 EDZ 08/71.	Colo. July 1971. vii+155+[1] p. il. 4° Paper, \$1.25. L.C. card 72-600614 Pilot plant installation for fungal treatment of vegetable canning wastes [with list of references]; by [Brooks D. Church, Harold A. Nash, and Willard Brosz], Green Giant Company, LeSuer, Minn. Aug. 1971. x+77+[1] p. il. 4° Paper, \$1.00.
4081	12060 FQE 12/70.	L.C. card 72-600627 Dry caustic peeling of tree fruit for liquid waste reduction [with list of references]; by [Walter A. Mercer, Jack W. Ralls, and Harry J. Maagdenberg], National Canners Association, Western Research Laboratory, Berkeley, Calif. Dec. 1970. * Paper, 60c. L.C. card 72-600641

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	Water pollution co	ntrol research series—Continued
4082		Proceedings, 2d National symposium on food processing
		wastes. Co-sponsored by Pacific Northwest Laboratory, EPA and National Canners Association. Mar. 23–26, 1971, Denver, Colo. [with bibliographies]. [1971.] viii+664 p. il. 4° * Paper, \$4.50 (S/N 5501–0167). L.C. card 72–600547
4083	12130 FJQ 06/71.	Pollution abatement and by-product recovery in shellfish and fisheries processing [with bibliographies; by Edwin Lee Johnson, Quintin P. Peniston, and F. W. Braun], CRESA,
		joint venture of Food, Chemical and Research Laboratories, Inc., Seattle, Wash. and Engineering Science of Alaska, Anchorage, Alaska. June 1971. vii+85+[1] p. il. 4° * Paper, \$1.00. L.C. card 72-600604
4084	13020 DGX 08/71.	L.C. card 72-600604 Role of animal wastes in agricultural land runoff [with list of
		Role of animal wastes in agricultural land runoff [with list of references]; by [Jackie W. D. Robbins, David H. Howells, and George J. Kriz], Department of Biological and Agricultural Engineering, School of Agriculture and Life Sciences, North Carolina State University at Raleigh. Aug. 1971. x+114+11 p. ll. 4° Paper, \$1.25.
4085	13040 DEM 01/71.	1971. x+114+[1] p. il. 4° * Paper, \$1.25. L.C. card 72-600638 Characteristics of wastes from Southwestern cattle feedlots
	20020 2222 027 424	[with list of liferature cited]; by Texas Tech University Water Resources Center, Lubbock, Tex. * Paper, \$1.00. L.C. card 72-600671
4086	14010 DDH 08/71.	Control of mine drainage from coal mine mineral wastes: phase 1, Hydrology and related experiments [with bibliog-
		control or mine drainage from coal mine mineral wastes; phase 1, Hydrology and related experiments (with bibliographies; by G. L. Barthauer, Z. V. Kosowski (and J. P. Ramsey, Truax-Traer Coal Company, Pinckneyville, Ill., Division of Consolidation Coal Company. Aug. 1971. viii +148+[1] p. il. 4° ([Research and Monitoring.])
-		L C card 72_600563
4087	14010 EIZ 12/71.	Studies of limestone treatment of acid mine drainage, pt. 2 [with list of references]; by [C. T. Form, J. F. Boyer, R. A. Glenn], Bituminous Coal Research, Inc. Dec. 1971. xiv+140+[1] p. il. 4° [Prepared under joint sponsorship
		xiv+140+[1] p. il. 4º [Prepared under joint sponsorship of Water Quality Office and Commonwealth of Pennsyl-
		vania, Department of Environmental Resources.] * Paper, \$1.25. L.C. card 73-608260
4088	14010 FUI 10/71.	Foam separation of acid mine drainage [with list of references; by Peter J. Hanson] Horizons Incorporated Cleve-
		land, Unio. Oct. 1971. vii+60 p. ii. 4° [Contract 14-12-876.] * Paper, 65c. L.C. card 72-600642
4089	14030 EDB 12/71.	Water pollution potential of spent oil shale residues [with list of references; by John C. Ward, Gary A. Margheim, and
		of references; by John C. Ward, Gary A. Margheim, and George O. G. Löf], Colorado State University, Fort Collins, Colo. Dec. 1971, vii+116+[1] p. il. 4° ([Research and Monitoring.]) [Prepared under grant 14030 EDB by Colorado State University, Fort Collins, Colo.] * Paper, \$1.25.
4090	16010 EHR 08/71.	
		Nutrient sources for algae and their control [with list of references]; by George P. Fitzgerald. Aug. 1971. x+77+[1] p. il. 4° * Paper. \$1.00. L.C. card 72-600677
4091	16020 FEN 03/71.	Characterization and senaration of secondary efficient com-
		ponents by molecular weight [with list of references]; by Arthur D. Little, Inc. Cambridge, Mass. Mar. 1971. vii + 43 + [1] p. il. 4° [Contract 14-12-886.] * Paper, 55c. L.C. card 72-600534
4092	16050 DOW 10/71.	Multidirectional turbulence probe development phase 1 lini.
		directional turbulence sensor development; by [Thomas Atterbury, James E. Sorenson, Jack J. Groom], Battelle Columbus Laboratories, Columbus, Ohlo, Oct. 1971 [published 1972], vi+61+[1] p. il. 4° [Contract 14-12-827.]
4093	16070 EFG 12/71.	*Paper, 65c. Limitations and effects of waste disposal on an ocean shelf; by Florida Ocean Sciences Institute, Deerfield Beach, Fla. Dec. 1971 [published 1972]. xiv+304+[1] p. il. 4° *Paper \$2.26
4094	16080 FSN 10/71.	* Paper, \$2.25. L.C. card 72-600717 Engineering methodology for river and stream reacration; by
		[Ronald P. Murro and Donald S. Yeaple], JBF Scientific Corporation, Burlington, Mass. Oct. 1971 [published 1972]. ix+119+[1] p. 11. 4° * Paper, \$1.25. L.C. card 72-600692
4095	16080 GGP 07/71.	Effects of feedlot runoff water quality of inpoundments [with list of references]; by William R. Duffer [and others]. July 1971. ix+53+[1] p. il. 4° * Paper, 65c. L.C. card 72-800694
		L.C. card 72-600694

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4096 16130 DFX 05/70. Engineering-economic study of cooling pond performance [with list of references]; by [W. T. Hogan, A. A. Liepins, and F. E. Reed] Littleton Research and Engineering Corporation, Littleton, Mass. May 1970. xi+172+[1] p. il. 4° ([Research and Monitoring.]) [Contract 14-12-521.] * Paper, \$1.50. L.C. card 72-600595
4097 17020 DAO 07/70. Optimization of regeneration procedure for granular activated carbon [with list of references]; by Mine Safety Appliances Research Corporation, Evans City, Pa. July 1970. x+115 + [1] p. il. 4° [Contract 14-12-469.] * Paper, \$1.25. L.C. card 72-600710
4098 17040 EFQ 02/71. Reverse osmosis renovation of primary sewage [with list of references]; by [D. L. Feuerstein], Envirogenics Company, Division of Aero-Jet General Corporation, El Monte, Calif. Feb. 1971. vii+60+[1] p. tl. 4° [Contract 14-12-885.] * Paper, 65c. L.C. card 72-600532
4099 17040 EUN 02/71. Demineralization of wastewater by the transport-depletion process [with list of references]; by [Robert E. Lacey and Everett L. Huffman] Southern Research Institute, Birmingham, Ala. Feb. 1971. vii+59+[1] p. il. 4° [Contract 14-12-812.] * Paper, 65c. L.C. card 77-616446
4100 18050 GWV 05/71. Water quality criteria data book; v. 3, Effects of chemicals on aquatic life, selected data from literature through 1968; by [H. T. Kemp, J. P. Abrams, and R. C. Overbeck]. May 1971. [547] p. 4° ([Research and Monitoring.]) [Project 18050 GWV; contract 68-01-0007.] * Paper, \$3.75. L.C. card 79-614901
4101 18050 GZZ 10/71. Chlorinated municipal waste toxicities to rainbow trout and fathead minnows [with list of references cited]; by Bureau of Water Management, Michgan Department of Natural Resources, Lansing, Mich. Oct. 1971. vii+49+[1] p. il. 40 ([Research and Monitoring.]) * Paper, 60c. L.C. card 72-600691
EXTENSION SERVICE, Agriculture Dept.

EXTENSION SERVICE, Agriculture Dept. Washington, DC 20250

- 4102 Changes in manufacturing employment, 1958-65, measure of economic opportunity. Feb. 1971. cover title, xi+129 p. il. 4° † A 43.2: M 31/958-65
- 4103 Inventory of farm management EDP programs used in extension farm management programs. June 1971. cover title, [2] +77 leaves 4° ([ANR (AP) 45 (6-71).]) † A 43.2: In 8/2

FEDERAL AVIATION ADMINISTRATION, Transportation Dept. Washington, DC 20553

- 4104 Airframe and powerplant mechanics certification guide: [prepared by Flight Standards Service]. Revised 1971. [1971.] vii+64 p. il. 4° ([AC 65-2B.]) [Supersedes AC 65-2A, revised 1968.] * Paper, 65c. Item 431-C-4
- 4105 Airframe and powerplant mechanics certification information; [prepared by Flight Information Service]. [Revised Oct. 1971.] [1971.] cover title, iii+18 p. narrow 8° (AC 65-11A.) * Paper, 20c. (S/N 5007-0171).

 Item 431-C-4 TD 4.8: Ai 7/21/971
- 4106 Airman's information manual: pt. 4, Graphic notices and supplemental data, Jan.—June 1972. [1971.] cover title, [3]+ii+90 p. il. 4° [Semi-annual. Issued with perforations.] * Paper, \$1.50 a yr.; 50c. additional for foreign mailing. Item 431-C-5 TD 4.12: pt.4/972
- 4107 Consolidated listing of FAA certificated repair stations. Oct. 29, 1971, cover title, 62 p. 4° (Advisory circular AC 140-1F.) [Issued with perforations.] † TD 4.2: R 29

[Handbook.]

4108
6100.1. Maintenance of NAS en route stage A air traffic control system, Dec. 6, 1968, and Changes 1-4, [1969-71]. [Reprinted Oct. 4, 1971.] cover title, xxxvi+790 p. il. 4° [Reprinted to include Changes. Issued with perforations.] \$\frac{1}{4}\$ TD 4.8/2: 6100.1/2

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FEDERAL BUREAU OF INVESTIGATION, Justice Dept. Washington, DC 20530

FBI, career opportunities. [1971.] 10 p. il. narrow 8° • Item 721 4109 J 1.14/2: C 18/2/971

FEDERAL COMMUNICATIONS COMMISSION Washington, DC 20554

4110 FCC in fiscal 1971, information bulletin. [1972.] 35 p. 4° CC 1.2: F 31/2/971

FEDERAL HIGHWAY ADMINISTRATION, Transportation Dept. Washington, DC 20591

- Fatal and injury accident rates on Federal-aid and other highway systems, 4111 1970. [1971.] iv+36 p. 4° * Paper, 45c. (S/N 5001-0026). ● Item 265-H TD 2.20: 970
- Highway statistics, 1970; [prepared by Highway Statistics Division, Office 4112 of Highway Planning]. [1971.] ix+199 p. il. 4° [Edge index, and how to use on p. 4 of cover.] *Paper, \$1.75 (S/N 5001-0025). ● Item TD 2.23:970 265-B

FEDERAL HOME LOAN BANK BOARD Washington, DC 20552

4113 Trends in savings and loan field, 1970. [Dec. 1971.] cover title, [16] p. il. ([Office of Economic Research.]) [Last page to be used for notes.] FHL 1.15: 970

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

FHA regulations: [Project mortgage insurance, amendments to sec. 241]. 4114 [1971.] [10] p. ([FHA 4000.]) [Includes Project transmittal 88, Sept. HH 2.6: M 84/6/964/trans.88 1971. Issued in looseleaf form.] †

FEDERAL MARITIME COMMISSION Washington, DC 20573

FMC 1.9:(nos.) SP (series).

71-37. Our 200th birthday and our maritime heritage, remarks by Helen Delich Bentley, Chairman, Federal Maritime Commission, before Washington Chapter of National Association of Accountants dinner meeting, Washington, D.C., Dec. 15, 1971. 1971. 18 p. 4° 4115

72-1. Remarks by Helen Delich Bentley, Chairman, Federal Maritime Commission, on occasion of launching of MV Falcon Princess, Ingalls Nuclear Shipbuilding Division, Litton Industries, Pascagoula, Miss., Jan. 8, 1972. 4116 1972. 7 p. 49

FEDERAL MEDIATION AND CONCILIATION SERVICE Washington, DC 20427

Federal Mediation and Conciliation Service, 24th annual report, fiscal year 4117 • Item 433 1971. [1972.] vii+92 p. il. * Paper, 45c. (S/N 1300-0010). FM 1.1:971

FEDERAL POWER COMMISSION Washington, DC 20426

FPC-S (series). 213. Statistics of interstate natural gas pipeline companies, 1970, compiled from annual reports submitted by interstate natural gas pipeline companies pursuant to requirements of Natural gas act, classes A and B companies; [prepared by Office of Accounting and Finance]. Aug. 1971. [181] p. il. 40

Paper, \$1.50 (S/N 1500-0214). • Item 440

FP 1.21: 213 4118

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

- 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.
- 4119
- 4120 4121 Pennsylvania. Oct. 1971. [2] + 33 p. 4° [Supersedes issue of July 1970.]

 FP 1.18: P 38/971

FEDERAL REGISTER OFFICE, General Services Administration Washington, DC 20408

- Code of Federal regulations, revised as of Jan. 1, 1972. [1972.] [Contains codification of documents of general applicability and future effect as of Jan. 1, 1972, with ancillaries.] * Paper, \$195.00 a year, \$50.00 additional for foreign mailing; single copies vary in price. • Item 572
- for foreign manning, single copy.

 7. Agriculture, pt. 52. vi + 747 p. * Paper, \$3.25

 16. Commercial practices, pt. 150 to end. vi + 546 p.

 8 Paper, \$2.00.
 GS 4.108: 16/pt.150-end.92 4122 4123
- 4124 25. Indians. vi + 475 p. * Paper. \$1.75 GS 4.108: 25/972
- 26. Internal revenue, pt. 1 (sec. 1.401-1.500). vi+363 p. * Paper, \$1.50. GS 4.108: 26/pt.1 (sec.1.401 to 1.500)/972 4125
- 26. Internal revenue pts. 30-39. v1+360 p. * Paper, \$1.50. 4126 GS 4.108: 26/pts.30-39/972
- * Paper, 60c. GS 4.108: 26/pt.600-end/972 4127 26. Internal revenue pt. 600-end. xv+130 p.
- Item 572 GS 4.108: 27/972 4128 27. Intoxicating liquors. vi+86 p. * Paper, 45c.
- 4129 Public papers of Presidents of United States: Richard Nixon, containing public messages, speeches, and statements of the President, 1970; [edited by Ernest J. Galdi and others]. 1971. liii+[1]+1305 p. 1 colored por. large 8° * Cloth, \$15.75 (S/N 2203-0889). • Item 574-A GS 4.113:970

FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS Washington, DC 20551

- 4130 Balance of payments program, revised guidelines for banks and nonbank financial institutions. [1971.] p. [906]-916, 4° [Reprinted from Federal reserve bulletin, Nov. 1971.] FR 1.3/a: B 182/2/971-2
- 4131 Changes in time and savings deposits, Apr.-July 1971; [prepared by Caroline H. Cagle]. [1971.] p. [895]-905, 4° [Reprinted from Federal reserve bulletin, Nov. 1971.] FR 1.3/a: D 441/11/971-2
- 4132 Financial developments in 3d quarter of 1971. [1971.] p. 871-879, il. 4° [Reprinted from Federal reserve bulletin for Nov. 1971.] FR 1.3/a: F 49/10/971-3
- 4133 Planned and actual long-term borrowing by State and local governments; [prepared by Paul Schneiderman]. [1971.] p. [977]-987, il. 4° [Reprinted from Federal reserve bulletin, Dec. 1971.] † FR 1.3/a: B 64
- 4134 Production, prices, pay, productivity, and profits, remarks of Sherman J. Maisel, Member, Board of Governors of Federal Reserve System, at conference on Phase I to Phase II, New economic policy in transition, presented by Institute of Industrial Relations, University of California, Berkeley, Nov. 23, 1971, San Francisco. 1971. [1] +11 p. 4° FR 1.23: M 28/31
- 4135 Revision of bank credit series; [prepared by Edward R. Fry and Mary F. Weaver]. [1971.] p. [971]-975, il. 4° [Reprinted from Federal reserve bulletin, Dec. 1971.] FR 1.3/a: C 86/21/971

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4136 Revision of the money stock; [prepared by Edward R. Fry, Darwin Beck, and Mary F. Weaver]. [1971.] p. [879]-893, 4° [Reprinted from Federal reserve bulletin, Nov. 1971.] FR 1.3/a: M 746/30/971

FEDERAL SUPPLY SERVICE, General Services Administration Washington, DC 20405

Dishwashing. Dec. 1971. cover title. [1]+i+25 p. il. 4° * Paper, 35c. 4137 GS 2.2: D 63/971 • Item 564

Federal standard. Issued with perforations.

- 297. Rustproofing of automotive vehicles. Nov. 15, 1971. (FSC 2310.) 3 p. 4° † Paper, 10c. Item 563 GS 2.8/3: 297 4138
- Index of Federal specifications and standards. Jan. 1, 1972. cover title, iv 4139 +[1]+59 p. 4° (FPMR 101-29.1; 41 CFR 101.29.1.) [Includes complete list of cancelled and superseded documents thru 1971. Issued with perforations.] * Paper, \$7.50 a yr. (including basic index and supplementary material); \$1.75 additional for foreign mailing. • Item 565 GS 2.8/2:972

FEDERAL TRADE COMMISSION Washington, DC 20580

Economic report, discount food pricing in Washington, D.C., staff report; 4140 by Russel C. Parker. Mar. 1971, v+18 p. il. * Paper, 20c. (S/N 1800-0131). • Item 535 L.C. card 79-616259 FT 1.2: F 73/3

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

- First facts about drugs. [Nov. 1971, published 1972.] cover title, 15 p. il. ([FDA 72-3016.]) * Paper, 25c. (S/N 1712-0137). • Item 475 HE 20,4002: D 84/3
- Procedures governing cooperative State-PHS program for certification of 4142 interstate milk shippers [as amended by 13th Conference on Interstate Milk Shipments, May 20, 1971]. 1971 revision. 1971 [published 1972]. vii+18 p. (FDA 72-2022; [Public Health Service publication 1046.]) [Includes list of other related Public Health Service publications of HE 20.4006: M 59/971 interest.] † • Item 478

FOOD AND NUTRITION SERVICE, Agriculture Dept. Washington, DC 20250

Note.—The Food and Nutrition Service was established by Secretary of Agriculture's Memorandum no. 1659, Supplement 1, August 8, 1969.

FNS-(series).

13. Daily food guide, some choices for thrifty families. July 1966 [published 1971].
[2] p. il. 4° [Formerly C&MS-23. Some illustrations are colored.]
* Paper, \$3.25 per 100; 10 copies, 35c. 4143

FOREST SERVICE, Agriculture Dept. Washington, DC 20250

- 4144 American woods: Red alder [with list of references; by Marlin E. Plank]. Revised Nov. 1971. [1971.] 7 p. il. 4° (FS-215.) † • Item 80-A A 13.31: Al 2/971
 - Forest pest leaflets. † Item 82-A A 13.52:(nos.)
- 4145
- 4146
- 4147
- Pine reproduction weevil [with list of references]; by Robert E. Stevens. Revised Nov. 1971. [1971.] 6 p. il.
 Western tussock moth [with list of references; by] Malcolm M. Furniss and J. A. E. Knopf. Nov. 1971. 4 p. il.
 Poplar-and-willow borer [with list of references; by] Malcolm M. Furniss. Jan. 1972. 5 p. il.
 Sapstreak disease of sugar maple [with list of references; by] Kenneth J. Kessler, jr. Feb. 1972. 4 p. il. 4148

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- 4149 Forests forever. [Nov. 1966, slightly revised Oct. 1971.] [1971.] [6] p. il. 4° * Paper, 15c. • Item 84 ([FS-21.]) A 13.2: F 76/70/971-2
- 4150 Mining and mining claims in national forest wildernesses. [1972.] 19 p. il. (FS-275.) [One illustration is colored.] † • Item 84
- A 13.2: M 66/2/971 4151 National forest system areas as of June 30, 1971. [Nov. 1971.] 20 p. il. (File 1380 (5400).) † • Item 86
- 4152 1970 on Okanogan National Forest. [1971.] cover title, [16] p. il. oblong 8° [Text on p. 2-3 of cover.] A 13.13/2: Ok 1/970
- 4153 Pasayten Wilderness, Okanogan and Mt. Baker National Forests. [1971.] [2] p. il. oblong f°, folded into narrow 12° size. [Maps and some illustrations are colored.] A 13.13: P 26
 - Research note PNW-(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.)
- PNW-162. 3P sample log scaling; by Floyd A. Johnson, James B. Lowrie and Martin Gohlke. Aug. 1971. 15 p. 4° † A 13.79: PNW-162 4154
 - Research note SO-(series). (Southern Forest Experiment Station, New Orleans, La.) A 13.79: SO-(nos.)
- 4155
- 4156
- Orleans, La.) †

 SO-124. Prolonged flooding inhibits growth of loblolly pine seedlings [with list of literature cited]; by James D. Burton. 1971. 4 p. 11. 4°

 SO-125. Releasing shortleaf pines increases cone and seed production [with list of literature cited]; by Herbert A. Yocom. 1971. 2 p. 4°

 SO-126. Site index curves for loblolly and shortleaf pine plantations on abandoned fields in Tennessee, Alabama, and Georgia highlands; [by] Glendon W. Smalley and David R. Bower. 1971. 6 p. il. 4°

 SO-127. Binocular counts of longleaf pine strobili [with list of literature cited; by] Thomas C. Croker, jr. 1971. 3 p. il. 4°

 SO-128. Slash pines respond equally to nitrogen applications in fall and spring [with list of literature cited; by] W. H. McKee, jr., and R. A. Sommers. 1971. 4 p. 4°

 SO-129. Upgrading yellow-poplar seeds; [by] F. T. Bonner and G. L. Switzer. 1971. 4 p. il. 4°

 SO-130. Cottontail rabbits clip young longleaf pine seedlings [with list of litera-4157
- 4158
- 4159
- 4160
- SO-130. Cottontali rabbits clip young longleaf pine seedlings [with list of literature cited; by] T. E. Campbell. 1971. 2 p. il. 4° 4161
- 4162 SO-131. Yellow-poplar root development on Hartsells subsoils [with list of literature cited; by] Nelson S. Loftus. 1971. 5 p. il. 4°
- SO-132. Large planting holes not needed for cottonwood cuttings and seedlings in Mississippi Delta [with list of literature cited; by] B. G. Blackmon. 4163 1971. 2 p. 40
- 4164 SO-133. Aids for screening regressions with REX program; by Robert L. Bailey. 1971. 3 p. il. 4°
- 4165
- SO-134. Accuracy of Zelss telemeter teletop and Barr and Stroud dendrometers [with list of literature cited; by] David R. Bower. 1971. 3 p. 4° SO-135. Loss of endrin from repellent-coated pine seed; [by] W. F. Mann, jr., T. E. Campbell, and J. P. Barnett. 1971. 2 p. 4° 4166
 - Research paper NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.) A 13.78: NE-(nos.)
- NE-193. Preliminary work in developing sawbolt grading systems for white oak [with list of literature cited]; by Everette D. Rast. 1971. cover title, 14 p. [Abstract cards inserted.] 4167
- NE-194. Toward integrated control, proceedings of 3d annual Northeastern Forest Insect Work Conference, New Haven, Conn., Feb. 17-19, 1970 [with lists of references]. 1971. cover title, [1]+129 p. [Accompanied by abstract cards.] 4168
- NE-195. Management of young and intermediate stands of upland hardwoods [with list of literature cited]; by Samuel F. Gingrich. 1971. cover title, [2] +26 p. il. [Paper based on talk presented at Symposium on Southern Appalachian Hardwoods, held at Asheville, N.C., Sept. 22, 1970.] [Abstract contact linewoods] 4169 1970.] [Abstract cards inserted.]
 - Research paper PNW-(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.)
- PNW-119. Water temperature in steamboat drainage [with list of literature cited]; by George W. Brown, Gerald W. Swank and Jack Rothacher.

 Aug. 1971. [1] +17+[1] p. il. 4° † A 13.78: PNW-119 4170
 - Research paper SO-(series). (Southern Forest Experiment Station, New Orleans, La.) † A 13.78: SO-(nos.)
- SO-65. Fusiform rust of southern pines, critical review [with list of literature cited; by] Felix J. Czabator. 1971. cover title, 39 p. il. 4° [Table of contents on p. 2 of cover. Abstract cards inserted.] 4171

Research paper SO-(series)-Continued

SO-66. Economic implications of silage sycamore [with list of literature cited; by] George F. Dutrow. 1971. cover title, 9 p. [p. 9 appears on p. 3 of cover. Abstract cards inserted.] 4172

SO-67. Aerated water soaks stimulate germination of southern pine seeds [with list of literature cited; by] J. P. Barnett. 1971. 9 p. il. [p. 9 appears on 4173 p. 3 of cover.]

Resource bulletin SO-(series). (Southern Forest Experiment Station, New A 13.80: SO-(nos.) Orleans, La.)

SO-29. Forest statistics for middle Tennessee counties; [by] Arnold Hedlund and J. M. Earles. 1971. cover title, 28 p. il. 4° [Map on p. 2 of cover. Accompanied by abstract cards.]

LC card 75-616459

SO-30 Tennessee forest industries. [bn] Pariel E. Bertelen. 1971. cover title. 4174

SO-30. Tennessee forest industries; [by] Daniel F. Bertelson. 1971. cover title, [1]+27 p. il. 4° [Prepared in cooperation with Tennessee Department of Conservation, Division of Forestry and Tennessee Valley Authority, Division of Forestry Fisheries, and Wildlife Development. Abstract cards inserted. Page 27 is printed on p. 3 of cover.] 4175

Smokey Bear Club teaching unit. [Slightly revised Dec. 1971.] [1971.] 4176 A 13.2: Sm 7/5 8 p. il. † • Item 84

GENERAL ACCOUNTING OFFICE Washington, DC 20548

- Case studies of auditing in computer-based systems environment [with 4177 bibliography] 1971. [5] +297 p. 4° ([B-115369.]) [June 1971 on cover.] • Item 545 GA 1.2: Au 2 L.C. card 72-600707
- Comptroller General of the United States, annual report, 1971. [1972.] 4178 x+179 p. il. 4° [Also issued as H. doc. 214, 92d Congress, 2d session.] • Item 543 * Paper, \$1.75. (S/N 2000-0097).
- Comptroller General of the United States, annual report, 1971, appendix. 4179 [1972] iii+189 p. il. 4° [Also issued as H. doc. 214, app., 92d Congress, 2d session.] * Paper, \$2.00. (S/N 2000-0096). • Item 543 GA 1.1: 971/app.
- Legislation relating to functions and jurisdiction of General Accounting 4180 Office (includes all legislation through 91st Congress); prepared by Office of General Counsel. Jan. 1971. [356] p. [Issued in looseleaf form.] * Paper, \$1.75. • Item 545 GA 1.2: L 52 L.C. card 72-600815
- Report to Committee on Foreign Relations, United States Senate: Reor-4181 ganization proposals relative to foreign aid and foreign military sales programs, State Department, Agency for International Development, [and] Defense Dept.; by Comptroller General of United States. Nov. 24, 1971. cover title, [1]+4+[4]+104 p. il. 4° (B-172311.) † Paper, \$1.00. L.C. card 70-616156 GA 1.13: F 76/10
- Report to Congress: Alternatives to secondary sewage treatment offer 4182 greater improvements in Missouri River water quality, Environmental Protection Agency; by Comptroller General of United States. Jan. 6, 1972. cover title, [7] +50 p. 4° (B-125042.) † Paper, \$1.00. GA 1.13: Se 8 L.C. card 72-600606
- Audit of financial statements of Saint Lawrence Seaway Development 4183 Corporation, calendar year 1970, Department of Transportation; by Comptroller General of United States. Nov. 18, 1971. cover title, [1]+2+[2]+23 p. 4° (B-125007.) † Paper, \$1.00. GA 1.13: Sa 1 l $+[2]+23 \text{ p. } 4^{\circ} \text{ (B-125007.)}$
- -Audit of payments from special fund to Lockheed Aircraft Corpora-4184 tion for C-5A aircraft program during quarter ending Sept. 30, 1971, Defense Dept.; by Comptroller General of United States. Nov. 17, 1971. cover title, 3+[1] leaves 4° (B-162578.) † Paper, \$1.00. GA 1.13: L 79
- Costly replacement of faulty potting compounds, protective material, 4185 in major weapon systems, Department of Defense; by Comptroller General of United States. Jan. 5, 1972. cover title, [4]+40 p. il. 4° (B-163058.) † Paper, \$1.00. GA 1.13: W 37/12 L.C. card 72-600580

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

- 4186 _ - Examination of financial statements of Federal Prison Industries, Inc., fiscal year 1971; by Comptroller General of United States. Dec. 14, 1971. cover title, [1]+2+[1]+14 p. 4° (B-114826.) † Paper, \$1.00. GA 1.13: P 93/9
- 4187 - Forest Service needs to ensure that best possible use is made of its research program findings, Department of Agriculture; by Comptroller General of United States. Jan. 6, 1972. cover title, [3]+29 p. 4° (B-125053.) † Paper, \$1.00. L.C. card 72-600555
- 4188 - Increased use of financial data and improved tariff system needed by Military Airlift Command, Department of Air Force; by Comptroller General of United States. Jan. 5, 1972. cover title, [4]+41 p. il. 4° (B-133025.) † Paper, \$1.00. L.C. card 72-600549 GA 1.13: Ai 7/100
- 4189 Management of selected aspects of strategic and critical stockpile, Office of Emergency Preparedness, General Services Administration; by Comptroller General of United States. Dec. 9, 1971. cover title, [1]+3 +[1]+55 p. il. 4° (B-125067.) † Paper, \$1.00. L.C. card 72-600698 GA 1.13: St 6
- 4190 -Office of Education should improve procedures to recover defaulted loans under guaranteed student loan program, Office of Education, Department of Health, Education, and Welfare; by Comptroller General of United States. Dec. 30, 1971. cover title, [1]+3+[1]+26 p. il. 4° (B-117604 (7).) † Paper, \$1.00. L.C. card 79-616303 GA 1.13: St 9/2
- 4191 - Progress and problems of urban and transportation planning, Department of Housing and Urban Development, Department of Transportation; by Comptroller General of United States, Nov. 19, 1971, cover title, [1]+4+[2]+36 p. il. 4° (B-174182.) † Paper, \$1.00. L.C. card 79-616102 GA 1.13: Ur 1/6
- 4192 —— Progress to strengthen U.S. Government foreign tax relief on defense expenditures overseas, Department of Defense, Department of State; by Comptroller General of United States. Jan. 6, 1972. cover title, 5 leaves. 4° (B-133267.) † Paper, \$1.00. L.C. card 72-600553 GA 1.13: T 19/6

GENERAL SERVICES ADMINISTRATION Washington, DC 20405

4193 Annual report, 1971. [1971.] cover title, 40 p. il. 4° † • Item 558 GS 1.1:971

GEOLOGICAL SURVEY, Interior Dept. Washington, DC 20242

- Bulletins. • Item 620 I 19.3: (nos.)
- 1143-C. Coal resources of Butler County, Pa. [with list of selected references]; by Elmer D. Patterson and J. A. Van Lieu. 1971. iv+43+[3] p. il. 3 pl. in pocket. [Prepared in cooperation with Pennsylvania Geological Survey. Coal resources of western Pennsylvania. Includes title page and table of contents to Bulletin 1143.] * Paper, \$1.50 (8/N 2401-4194
- and table of conceas.

 1130).

 L.C. card 76-172971

 Mineral resources of Passyten Wilderness Area, Washington [with list of references cited; by] Morton H. Staatz [and others]; with section on Aeromagnetic interpretation, by Gordon P. Eaton and Mortimer H. Staatz. 1971. xv+255 p. il. 3 pl. in pocket. [Evaluation of mineral potential of area. Studies related to wilderness, wilderness areas. One plate is colored.] Paper, \$2.25 (S/N 2401-1131). 4195 1325.
- potential of area. Studies related to wilderness, wilderness areas. One plate is colored.] * Paper, \$2.25 (S/N 2401-1131).
 L.C. card 78-174754

 1353-A. Mineral resources of Wilson Mountains Primitive Area, Colo. [with list of references cited]; by Calvin S. Bromfield and Franck E. Williams; with section on Geophysical studies, by Peter Popenoe. 1972. vii+79 p. 11. 2 pl. in pocket. [Evaluation of mineral potential of area. Studies related to wilderness-primitive areas.] * Paper, \$1.25 (S/N 2401-1217). 4196 1217). L.C. card 79-183754

ΦFor Sale by National Technical Information Service. Springfield, VA 22151 Sent to Depository Libraries

Bulletins-Continued 1353-B. Mineral resources of Popo Agie primitive area, Fremont and Sublette Counties, Wyo. [with list of references cited]; by Robert C. Pearson, Thor H. Kiilsgaard, and Lowell L. Patten; with section of interpretation of aeromagnetic data, by Robert E. Mattick. 1971. vi+55 p. il.
2 pl. in pocket. [Evaluation of mineral potential of area. Studies related to wilderness, primitive areas. One plate is colored. Title on cover is: Popo Agie, Wyo.] * Paper, \$1.25 (S/N 2401-2045).
L.C. card 78-184219

1354-E. Age and correlation of Clinchfield sand in Georgia [with list of references]; by S. M. Herrick. 1972. iii+17 p. ii. [Basal upper Eocene (Jackson) formations at three localities were deposited in shallow seas; Foraminifera were collected from each locality. Contributions to Stratigraphy.] * Paper, 15c. (S/N 2401-2024).
L.C. card 72-184204 4198

Circular.

4197

657. Index of surface-water records to Sept. 30, 1970: Pt. 7, lower Mississippl River basin. 1972. [2]+67 p. il. 4° [Supersedes Circular 577.] †

19.4/2:657 4199

• Item 624 Professional papers.

I 19.16: (nos.)

Uppermost Precambrian and lowest Cambrian rocks in southeastern Idaho [with list of references cited], by Steven S. Oriel and Frank C. Armstrong; with contributions to early Middle Cambrian faunal zones, by William H. Fritz and Allison R. Palmer. 1971. iv+52 p. il. 7 pl. in pocket, 4° * Paper, \$2.25 (S/N 2401-1179).

L.C. card 78-179647 4200

605-B. Seismic refraction survey of Pleistocene drainage channels in Lower Great Miami River Valley, Ohio [with list of selected references]; by Joel S. Watkins and Andrew M. Spieker. 1971. ili+17+[3] p. il. 2 maps in pocket, 4° [Prepared in cooperation with Miami Conservancy District and Ohio Department of Natural Resources, Division of Water, Columbus, Ohio. Ground water in Lower Great Miami River Valley, Ohio. Includes title page and table of contents to Professional paper 605.]

Paper*, \$1.25.
L.C. card 79-610133 4201

627-F. Summary of hydrologic situation on Long Island, N.Y., as guide to water-management alternatives [with list of selected references]; by O. L. Franke and N. E. McClymonds. 1972. v+59 p. il. 4° [Prepared in cooperation with New York State Department of Public Works, Suffolk County Board of Supervisors, and Suffolk County Water Authority. Hydrology and some effects of urbanization on Long Island, N.X.]

*Paper, 65c. (8/N 2401-1150).
L.C. card 71-180655 4202

Geology of Florence area, Wis. and Mich. [with list of references cited]; by Carl E. Dutton. 1971. iv+54 p. il. 8 pl. in pocket, 4° [Prepared in cooperation with University Extension, University of Wisconsin, Geological and Natural History Survey; Michigan Department of Conservation, Geological Survey Division. Some plates are colored.] * Paper, 3200. 4203 633. \$3,00.

L.C. card 77-610426

640-D. Ostracoda of late Eocene age from Eua, Tonga [with list of references cited]; by Joseph E. Hazel and John C. Holden. 1971. vii+11+[2] p. il. 4204 5 pl. 4° [Description and discussion of paleoenvironmental significance of ostracodes from upper Eccene locality on Eua, Tonga. Late Eccene fossils from Eua, Tonga.] * Paper, 50c. (S/N 2401-1198). L.C. card 77-179321

640-E. Cheilostome Bryozoa of late Eocene age from Eua, Tonga [with list of references cited]; by Alan H. Cheetham. 1972. vii+26+[2] p. il. 7 pl. 4° [Mixed assemblage of shallow- and deep-sea species from offreef tuffaceous limestone. Late Eocene fossils from Eua, Tonga.] * Paper, 4205 70c. (S/N 2401-1203).

L.C. card 70-181826

658-E. Mesozoic stratigraphy of Patagonia Mountains and adjoining areas, Santa 4206 Cruz County, Ariz. [with list of references cited]; by Frank S. Simons. 1972. iii+23 p. il. 4° [Descriptive stratigraphy of Triassic, Jurassic, and Cretaceous rocks that are mainly rhyolites but that include some sedimentary rocks and intermediate volcanic rocks. Mesozoic stratigraphy in southeastern Arizona.] * Paper, 40c. (S/N 2401-1205). L.C. card 77-180714

Geology and mineral deposits, east flank of Elkhorn Mountains, Broadwater County, Mont. [with list of references cited]; by M. R. Klepper [and others]. 1971. iv+66 p. il. 4 pl. in pocket, 4° [Descriptive report of geology, mineral deposits and mines in area east of Boulder batholith. 4207 665_ * Paper, \$2.75. Some plates are colored.]

L.C. card 70-611921

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

- 683-D. Climatic implication of late Pleistocene ostracode assemblage from south-eastern Virginia [with list of references cited]; by Page C. Valentine. 1971. iii+28+[5] p. il. 4 pl. 4° [Determination of inner sublittoral marine climate represented by ostracode assemblage of Norfolk Formation of southeastern Virginia, by comparison of fossil and living ostracode assemblages. Contribution to paleontology.] * Paper, 70c. (S/N 4208 2401-1133 L.C. card 75-176115
- L.C. card 75-176115

 New and little-known ammonities from upper Cretaceous (Cenomanian and Turonian) of western interior of United States [with list of references cited]; by William A. Cobban. 1971. iii +24 + [2] p. ii. 18 pl. 4° [Species each of Anisoceras, Desmoceras, Tragodesmoceras, Calycoceras, Nigericeras, and Paracompsoceras (new genus) is described and illusstrated.] * Paper, \$1.25.

 L.C. card 71-612128 4209 699.
- 701-A. Hydrology of 2 small river basins in Pennsylvania before urbanization [with list of references]; by R. Adam Miller, John Troxell, and Luna B. Leopold, with section on Observations of stream fauna, by Ruth Patrick and Robert R. Grant, jr. 1971. iv+57 p. il. 4° [Data on various hydrologic parameters are given to facilitate discerning the effects of future urbanization. Urbanization and water resources.] * Paper, 75c. (S/N 4210 2401-1145 L.C. card 72-179675
- 724-B. Normal fatty acids in estuarine and tidal-marsh sediments of Choctawhatchee and Apalachee Bays, northwest Florida [with list of references cited]; by Robert E. Miller. 1972. iii+13 p. ii. 4° [Study of distribution of even-numbered normal fatty acids in four Holocene sedimentary environments as related to depth of burial and type of sediment. Shorter contributions to general geology.] *Paper, 30c. (S/N LC acid 7) 184407 4211 L.C. card 70-184627
- Distribution of gold in igneous rocks [with list of references]; by David Gottfried, Jack J. Rowe, and Robert I. Tilling. 1972. iv+42 p. il. 4° [Investigation of abundance and distribution of gold in plutonic and volcanic rocks of diverse magma types and tectonic settings.] * Paper. 50c. (S/N 2401-2023).

 L.C. card 70-184860 4212 727.
- 732-A. Channel movement of meandering Indiana streams [with list of selected references]; by James F. Daniel. 1971. iii+18 p. il. 4° [Prepared in cooperation with State of Indiana Department of Natural Resources. Physiographic and hydraulic studies of rivers.] * Paper, 35c. (S/N L.C. card 74-175750 4213
- Chemistry of Kilauea and Mauna Loa lava in space and time [with list of references cited]; by Thomas L. Wright. 1971. iv+40 p. il. 4° [Account of chemical composition of lavas from Kilauea and Mauna Loa volcanoes, Hawaii, and an interpretation of processes of partial melting and subsequent fractional crystallization that produced chemical variability.] *Paper, 50c. (S/N 2401-1185). 4214 735. ical variability.]
 L.C. card 74-178247
- L.C. card 74-178247

 Too-A. Geological survey research 1971, Chapter A. 1971. [2]+viii+418 p. il. 4° [Significant results of investigations for fiscal year 1971, accompanied by short papers in fields of geology, hydrology, and related sciences. Published separately as Chapters A, B, C, and D. Includes list of publications in fiscal year 1971, list of investigations in progress in conservation, geologic, and water resources divisions. Includes title page to Professional paper 750.] * Paper, \$3.25.

 Story of water supply for Comstock, including towns of Virginia City, Gold Hill, and Silver City, Nev., together with other water-related events for period 1859-1969 [with list of notes and references; by] Hugh A. Shamberger. [1972.] xi+53 p. il. 4° [Prepared in cooperation with Nevada State Department of Conservation and Natural Resources.] * Paper, 70c. (S/N 2401-1157).

 L.C. card 70-179642 4215
- 4216
- 4217 Relations among radionuclide content and physical, chemical and mineral characteristics of Columbia River sediments [with list of references cited]; by J. L. Glenn, with section on Sand mineralogy, by R. O. Van Atta. Portland, Oreg., 1971. viii+125 p. il. 4° [Open-file report. Prepared in cooperation with Atomic Energy Commission and issued also by the latter as report TID-25786. Errata, 1 p., oblong 48°, issued also.] † I 19.2: R 11/2
- 4218 Techniques of water-resources investigations: bk. 3, Applications of hydraulics.
 - chap. C3. Computation of fluvial-sediment discharge [with list of selected references]; by George Porterfield. [1972.] vi+66 p. il. 4° [Issued with perforations.] * Paper, 75c. (S/N 2401-2061). Item 624-A I 19.15/5: bk.3/chap.C 3

ΦFor Sale by National Technical Information Service, Springfield, VA 22151 Sent to Depository Libraries

4219 Tools for planning, topographic maps. [1971.] 15 p. il. narrow 8° * Paper, 10c. (S/N 2401-2047). ● Item 621 I 19.2; T 61

Water records of Puerto Rico, 1964-67: v. 1, North and northeast slopes; by James G. Rickher and others. 1970. 269+[1] p. il. 4° [Prepared in cooperation with P.R. Aqueduct & Sewer Authority, P.R. Water Resources Authority and P.R. Industrial Development Co. Errata, 1 p., issued also.] † U.S. Geological Survey, Building 652, Ft. Buchanan, PR 00934

L.C. card 74-612185

I 19.2: P 96 r/v.1

Water resources data for Colorado, 1970: pt. 1, Surface water records [with list of selected references]. [1971.] xiv+396 p. il. 4° ([Water Resources Division.]) [Prepared in cooperation with State of Colorado and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, Denver Federal Center, Denver, CO 80225

I 19.53/2: C 71/970/pt.1

- 4222 Illinois, 1970: pt. 1, Surface water records, pt. 2, water quality records [with list of selected references]. [1971.] cover title, x+285 p. il. 4° [Prepared in cooperation with State of Illinois and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, P.O. Box 1026, Champaign, IL I 19.53/2: Il 6/970/pt.1,2
- 4223 Michigan, 1969; pt. 2, Water quality records [with list of selected references]. [1971.] cover title, v+99 p. il. 4° [Prepared in cooperation with State of Michigan and other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 700 Capital Savings & Loan Building, Lansing, Mich. 48933 I 19.53/2: M 58/969/pt.2
- Mevada, 1970: pt. 1, Surface water records, pt. 2, water quality records [with list of selected references]. [1971.] cover title, x+235 p. il. 4° [Prepared in cooperation with State of Nevada and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 705 North Plaza Street, Carson City, NV 89701 I 19.53/2: N 41/970/pt.1,2
- Ohio, 1969. pt. 2, Water quality records [with list of selected references]. [1971.] vi+383 p. 4° ([Water Resources Division.]) [Prepared in cooperation with State of Ohio and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 975 W. Third Ave., Columbus, OH 43212
- 4226 Oregon, 1969. pt. 2, Water quality records [with list of selected references]. [1971.] ([Water Resources Division.]) [Prepared in cooperation with State of Oregon and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, P.O. Box 3202, Portland, OR 97208 I 19.53/2: Or 3/969/pt.2
- Wisconsin, 1969: pt. 1, Surface water records; pt. 2, water quality records [with list of selected references]. [1971.] cover title, viii+253 p. il. 4° [Prepared in cooperation with State of Wisconsin and other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 1815 University Avenue, Madison, Wis. 53706

I 19.53/2: W 75/969/pt.1,2

Water-supply papers. ● Item 625 I 19.13:(nos.)

4228

1532-F. Appraisal of stream sedimentation in Susquehanna River basin [with list of selected references]; by Kenneth F. Williams and Lloyd A. Reed. 1972. iv+24 p. il. [Prepared in cooperation with Pennsylvania Department of Forests and Waters, Pennsylvania Department of Agriculture, State Soil and Water Conservation Commission, and U.S. Army Corps of Engineers, Baltimore district. Hydrologic effects of land use.] *Paper, 25c. (S/N 2401-1228).

L.C. card 77-184626

4229 1873-C. Physical, chemical, and biological aspects of Duwamish River estuary, King County, Wash., 1963-67 [with list of references]; by J. F. Santos and J. D. Stoner. 1972. vi+74 p. ii. [Prepared in cooperation with municipality of metropolitan Seattle. Environmental quality.]

Paper, 40c. (S/N 2401-1207).
L.C. card 78-182395

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

- Geology and water resources of Bitterroot Valley, southeastern Montana [with list of selected references], by R. G. McMurtrey [and others]; with section on Chemical quality of water, by H. A. Swenson, 1972, vi+80 p. il. 1 pl. in pocket. [Prepared in cooperation with Montana Bureau of Mines and Geology, Butte, Mont. Detailed study of availability of water for future development in Bitterroot Valley. Map is colored.] * Paper, \$1.00. (S/N 2401-1158)]
 L.C. card 74-180862

 Hydrology of 4 streams in western Washington as related to several Pacific salmon species [with list of references]; by M. R. Collings, Ronald W. Smith, and G. T. Higgins. 1972. viii+109 p. ii. [Prepared in cooperation with Washington State Department of Fisheries.] * Paper, 55c. (S/N 2401-1189).
 L.C. card 76-179676

 Ground-water levels in United States, 1966-70, Northwestern States 4230 1889.
- 4231 1968.
- C. Card 40-179576
 Ground-water levels in United States, 1966-70, Northwestern States
 [with lists of references; prepared by personnel of Water Resources
 Division]. 1972. v + 228 p. ll. [Prepared in cooperation with States of
 Alaska, Colorado, Idaho, Montana, Oregon, Utah, Washington, and
 Wyoming, and with other agencies.] * Paper, \$1.00 (S/N 2401-2069).
 L.C. card GS 63-294 1980. 4232
- Definitions of selected ground-water terms, revisions and conceptual refinements [with references]; by S. W. Lohman and others. 1972. vi+21 p. [Report of Committee on Redefinition of Ground-Water Terms.] * Paper, 25c. (S/N 2401-2043).

 L.C. card 71-185312

 Corbudate of Committee Private Valley between Machine and 4233 1988.
- L.C. card 71-185312

 1999-A. Geohydrology of Lower Verdigris River Valley between Muskogee and Catoosa, Okla. [with list of references]; by H. H. Tanaka. 1972. iii +23 p. il. 2 pl. in pocket. [Prepared in cooperation with U.S. Army Corps of Engineers. Contributions to hydrology of United States.] * Paper, 75c. (S/N 2401-1215).

 L.C. card 72-183179

 1999-D. Underground storage of imported water in San Gorgonio Pass area, southern Calif. [with list of selected references]; by R. M. Bloyd, jr. 1971. iv+37 p. il. 2 pl. in pocket. [Prepared in cooperation with San Gorgonio Pass Water Agency. Contributions to hydrology of United States.] * Paper, \$1.00 (S/N 2401-1160).

 L.C. card 79-179319

 1999-I. Water for cranberry culture in Cranmoor area of central Wisconsin [with 4234
- 4235
- 1999-I. Water for cranberry culture in Cranmoor area of central Wisconsin [with list of references]; by Louis J. Hamilton. 1971. iii+20 p. il. 2 pl. in pocket. [Prepared in cooperation with University Extension-University of Wisconsin Geological and Natural History Survey. Contributions to hydrology of United States.] * Paper, 75c. (S/N 2401-1178).

 L.C. card 73-179320 4236
- 1999-L. E.C. card 43-143320

 1999-L. Factors contributing to unusually low runoff during period 1962-68 in Concho River basin, Texas [with list of references cited]; by Stanley P. Sauer. 1972. v+48 p. il. [Prepared in cooperation with Texas Water Development Board. Contributions to hydrology of United States.]

 * Paper, 35c. (S/N 2401-1208). 4237 L.C. card 75-183063
- 1999-O. Water quality of streams in Neshaminy Creek basin, Pa. [with list of references]; by Edward F. McCarren, 1972, iv+33+[3] p. ii. [Prepared in cooperation with Commonwealth of Pennsylvania Department of Environmental Resources, Contributions to hydrology of United States. Includes title page and table of contents to Water-supply paper 1999.] * Paper, 30c. (S/N 2401-2097). 4238 1999.] * Paper, 30d L.C. card 70-185108

HEALTH CARE FACILITIES SERVICE, Health, Education, and Welfare Dept., Silver Spring, MD 20910

4239 Selection and use of disinfectants in health facilities, selected papers from training course held in Albany, N.Y., Sept. 27-28, 1967, cosponsors: Public Health Service and New York State Department of Health [with list of references]. 1971. cover title, v+116 p. il. 4° ([HEW publication (HSM) 72-4008.]) * Paper, \$1.25. • Item 486-A-2 L.C. card 72-600679 HE 20.2502: D 63

HEALTH, EDUCATION, AND WELFARE DEPARTMENT Washington, DC 20201

- DHEW obligations fiscal year 1970; [prepared by Wayne E. Tolliver and Ruth G. Black]. [1971.] (Office of Assistant Secretary for Health and Scientific Affairs.) † • Item 444-E HE 1.41:970/v. (nos.)
- v. 1. Institutions of higher education and other nonprofit organizations. x+724240 p. II. 4
- 4241
- v. 2. Institutions of higher education. vii + 385 p. 4° v. 3. Health professional schools. vi+72 p. 4° v. 4. Research institutes and other nonprofit organizations. v+25 p. 4° 4242 4243 4244 v. 5. Hospitals, v+72 p. 40

ΦFor Sale by National Technical Information Service, Springfield, VA 22151 Sent to Depository Libraries

- 4244A Education and training, opportunity through learning, 9th annual report of Dept. of Health, Education, and Welfare to Congress on institutional training under Manpower development and training act; [prepared in Bureau of Adult, Vocational, and Technical Education, for Secretary of Health, Education, and Welfare]. [1971.] v+72 p. îl. 4° (OE-87020-71.) * Paper, 70c. (S/N 1780-0804). • Item 460-A-87 and 444-C HE 1.26: 971
- Executive order 11246, nondiscrimination under Federal contracts. [1971.] 4245 cover title, 19 p. narrow 8° (DHEW pub. (OCR) 72-4; Office of Civil HE 1.6: N 73 † • Item 445-A
- Footnote, journal of HEW Audit Agency, [issue] 5, Winter 1971-72. [1972.] 4246 HE 1.37:5 cover title, [1]41 p. il. 4° † • Item 445-M
- Geographical location codes, Jan. 1, 1972; [prepared by Management In-4247 formation Systems Branch, Data Management Center]. [1972.] [7] +229 +[31] p. il. 4° (Office of Assistant Secretary, Comptroller.) † Management Information Systems Branch, Room 1061, HEW North Building, 330 Independence Ave., S.W., Washington, DC 20201 HE 1.2: G 29/972
- Report on licensure and related health personnel credentialing, [with list 4248 of references]. June 1971. vi+154+[8] p. (DHEW publication (HSM) 72-11; Office of Assistant Secretary for Health and Scientific Affairs.) * Paper, 70c. (order no. HE 20.2002; L61). • Item 445 HE 1.2: L 61 L.C. card 72-600684
- Supplement to Summary of paraprofessional training provided by junior 4249 and senior colleges and universities in areas of health, education, and welfare, during academic year 1970–71; compiled by Willie E. Boyd, Catherine J. Hawkins. [1972.] [1]+iv+55 p. 4° (Office of Deputy Assistant Secretary for Administration; [Office of New Careers].) HE 1.2: P 21/970-71/supp. * Paper, 60c. • Item 445

HEALTH MANPOWER EDUCATION BUREAU, Health, Education, and Welfare Dept., Bethesda, MD 20014

- Division of Nursing selected publications. Revised Dec. 1971. iii+8p. (DHEW publication (NIH) 72-83.) ↑ Item 507-D-5 4250 HE 20.3113: N 93/971
 - Health manpower clearinghouse series.
- Inventory of Federal programs that support health manpower training, 1970;
 Lucy M. Kramer, editor. Nov. 1971. viii+92 p. 4° (Division of Manpower Intelligence, National Clearinghouse for Health Manpower Information; DHEW publication (NIH) 72-146.) * Paper, \$1.00. Item 507-D-7

 HE 20.3114/3: In 8/970 4251

HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION, Health, Education, and Welfare Dept., Bethesda, MD 20014

Management intern program, Health Services and Mental Health Adminis-4252 tration. [1972.] [6] p. narrow 8° ([DHEW publication (HSM 72-13).]) HE 20.2002: M 31 ● Item 483-T-1

HOUSING AND URBAN DEVELOPMENT DEPARTMENT Washington, DC 20410

- GNMA, Government National Mortgage Association, 1971 annual report. [Jan. 1972.] cover title, 12 p. il. 4° ([HUD-85-1-N.]) [Illustration and 4253 HH 1.37:971 text on p. 3 of cover.] † • Item 582-A-1
 - HH 1.6/6: (letters-nos.) HUD handbooks.
- 4254
- HM 4310.5.

 Property disposition handbook, one to four family properties.

 [Dec. 15, 1971.] [4] p. 4° (Housing Management.)

 [Issued with perforations. Includes transmittal notice 23.]

 Low-rent housing statistical reporting handbook, supp. 1.

 [Dec. 7, 1971.] [4] p. 4° (Housing Management.)

 [Issued with perforations. Includes transmittal notice 3.]

 RHA 7380.1-7389.1.

 Neighborhood development program handbook, Nov. 1968.

 Reprinted 1972. [254] p. 4° [Reprint includes TN 1-19.] 4255 4256

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

HUD international brief. (Office of International Affairs.)

4257 6. Housing and urban development in Japan [with bibliography]. June 1971, 48 p. 11, 4° ([HUD-229-1A]; Research and Technology.) * Paper, 40c. (S/N 2300-0185). ● Item 581-E-1 HH 1.40/2:6

HUD international country report. ([Office of International Affairs.])

• Item 581-E-3

- 4258 Israel [with bibliography]. [Oct. 1971.] 17+[1] p. il. ([HUD-277-1A.]) [Issued in looseleaf form.] * Paper, 20c. (8/N 2300-0189). HH 1.32: ls 7 Peru [with bibliography]. [Oct. 1971.] 16 p+[1] p. il. ([HUD-275-1A.]) [Issued in looseleaf form.] * Paper, 10c. (8/N 2300-0184). HH 1.32: P 43
- 4260 Municipal information systems, state of the art in 1970 [with selected annotated bibliography]. [1971.] [480] p. il. 4° (Urban Information Systems Inter-Agency Committee (USCA).) [Research project contract awarded by HUD to Long Island University. Information provided by mayors, city managers, finance officers, and data processing chiefs of 79 cities.] † Item 582 HH 1.2: M 92/2/970
- 4261 1970 annual report of Department of Housing and Urban Development.
 [1971.] 151 p. ([HUD-270-U.]) [Also issued as H. doc. 239, 92d Congress,
 2d session.] * Paper, \$1.00 (S/N 2300-1192). ② Item 581 HH 1.1: 970
- State laws enacted in 1970 of interest to Department of Housing and Urban Development, as reported by Commerce Clearing House and other unofficial sources. Dec. 1971. cover title, [1]+105 p. 4° (Office of General Counsel.) † Item 583

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

4263 [Federal textbook on citizenship: Becoming a citizen series], bks. 1-3, Teacher's guide. Revised 1971. [1971.] v+23 p. 4° (M-164.) * Paper, 35c. (S/N 2702-0100). • Item 724 J 21.9: C 49/4/guide/971

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

NOTE.—The name of the Armed Forces Information Service was changed to Information for Armed Forces, Office of.

DoD [pamphlet].

4264 GEN-6D. Voting information, 1972. [1971.] iv+55 p. 4° ([Army Dept. DA Pam. 360-503; Navy Dept. NAVPERS 158681; Air Force Dept. AFP 211-4; Marine Corps NAVMC 1174 (Rev. 72); Coast Guard CG 292.]) [Supersedes DoD GEN-6C/DA Pam 360-503/NAVPERS 15868H/AFP 211-4/NAVMC 1174 (Rev. 70)/CG 292, Mar. 11, 1970.] * Paper. 65c. (S/N 0801-0090). ● Item 312-A D 2.14: GEN-6D

INFORMATION OFFICE, Agriculture Dept. Washington, DC 20250

List (series).

4265

11. List of available publications of Department of Agriculture; compiled by Mattie W. Johnson. [1971.] ii+87 p. (Publications Division.) [Current as of July 1971.] * Paper, 45c. (S/N 9103-0002). • Item 91

A 21.9/8:11/8

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.

4266 Cooperative water resources research and training, 1971 annual report, pursuant to Water resources act of 1964, amended. [1972.] xxiv+335 p. il. 4° (Office of Water Resources Research.) † ● Item 601-B I 1.1/4:971

 ◆For Sale by National Technical Information Service, Springfield, VA 22151
 ◆Sent to Depository Libraries

- Desalting plants inventory report no. 3: World-wide inventory of land based desalting plants in operation or under construction capable of 4267 producing 25,000 gallons or more of fresh water daily; by Frank O'Shaughnessy. Jan. 1, 1970. [1972.] [2] +28 p. il. 4° * Paper, 35c. (S/N 2400-0705). • Item 604-A-2
 - [Saline water] research and development progress reports. (Office of Saline I 1.88:(nos.)
- Water.) Item 604-A-1

 I 1.88:(nos.)
 705. Operation of multi-stage flash distillation plant (Clair Engle), 3d report (semi-annual) San Diego, Calif.; by Catalytic Construction Co., Philadelphia, Pa. Aug. 1971. xv+554 p. il. 4° [Contract 14-30-2652.] * Paper, \$7.00. (S/N 2400-0658).
 723. Inorganic semipermeable membranes [with list of references]; by W. O. Milligan [and others], Baylor University, Waco, Texas. Oct. 1971. ii+16 p. il. 4° [Grant 14-01-0001-1296.] * Paper, 30c. (S/N 2400-0680).
 726. Relation of water molecule coordination in polar polymers to reverse osmosis desalination efficiency [with list of references]; by H. Strathmann and R. Devarakonda, Amicon Corporation, Lexington, Mass. Dec. 1971. viii+80 p. il. 4° [Grant 14-01-0001-1296.] * Paper, 30c. (S/N 2400-0680).
 729. Improved reverse osmosis membranes [with list of references]; by R. L. Riley [and others], Gulf General Atomic Incorporated, San Diego, Calif. Dec. 1971. xi+186 p. il. 4° (Contract 14-30-2609.) * Paper, \$1.50.
 732. U.S. patent abstracts and indexes covering technology of distillation processors. 4268
- 4269
- 4270
- 4271
- (S/N 2400-0686).
 732. U.S. patent abstracts and indexes covering technology of distillation processes for saline water conversion; by K. O. Johnsson, Oak Ridge National Laboratory. Oak Ridge. Tenn. July 1971. ix +82 p. 4° [Agreement 14-30-2535, work order 1.] *Paper, \$1.00. (S/N 2400-0689).
 733. Heat transfer testing of enhanced tubes; by Envirogenics Co., El Monte, Calif., W. S. Chia, principal investigator. Dec. 1971. v+73 p. il. 4* [Contract 14-30-2849.] *Paper, 70c. (S/N 2400-0690).
 734. Pond linings for desalting plant effluents (supplement) [with list of references]; by W. R. Morrison, R. A. Dodge, J. Merriman, Engineering and Research Center, Reclamation Bureau, Denver, Colo. Oct. 1971. v+51 p. il. 4° [Agreement 14-30-2532, W.0.4.] *Paper, 60c. (S/N 2400-0691).
 735. Direct contact desulfation laboratory & pilot plant development study for softening of sea water [with bibliography]; by Gideon P. Gelblum, Consultant. Oct. 1971. ix+104 p. il. 4° [Contract 14-30-2724.] *Paper, \$1.00. (S/N 2400-0695).
 736. Model studies of outfall systems for desalination plants (pt. 2, estuary) 4272
- 4273
- 4274
- 4275
- 736. Model studies of outfall systems for desalination plants (pt. 2, estuary models); by W. H. Bobb, R. A. Boland, jr., [and] F. A. Hermann, jr., U.S. Army Corps of Engineers, Waterways Experiment Station, Vicksburg, Miss. cover title, vi+183 p. 11. 4° [Contract 14-30-2656.] * Paper, 4276 Miss. cover title, vi+1 \$1.50. (S/N 2400-0696).
- 738. Growth of ice in brine drops dispersed in organic phase [with list of references]; by S. Bustany [and others], Cornell University, Ithaca, N.Y. Dec. 1971. vii+90 p. il. 4° [Grant 14-01-0001-1141.] Paper, \$1.00. (S/N 2400-0693). 4277
- 739. Development report no. 9 V.T.E. [vertical tube effect] process development, Freeport Test Facility, Freeport, Tex. [with bibliography]; by Keith S. Campbell and Donald L. Williams, Stearns-Roger Corporation, Denver, Colo. Oct. 1971. [x+172] p. il. 4° [Contract 14-01-001-1804.] * Paper, \$200. (8.7) 2400. (844) 4278 Colo. Oct. 1971. ix+172 \$2.00. (S/N 2400-0644).
- 4279
- \$2.00. (S/N 2400-0644).
 740. 3d report on horizontal-tube multiple-effect process pilot plant tests [with list of references]; by G. A. Matta [and others]. Universal Desalting Corporation, New York, N.Y. Oct. 1971. viii + 107 p. il. 4° [Contract 14-01-0001-2247.] * Paper, \$2.25 (S/N 2400-0700).
 742. Experimental study of effects of hydrodynamics and membrane fouling in electrodialysis [with list of references]; by Gershon Grossman [and] Ain A. Sonin, Massachusetts Institute of Technology, Cambridge, Mass. cover title, v+42 p. il. 4° [Contract 14-01-0001-1721.] * Paper, 50c. (S/N 2400-0699).
 743. Exploratory study of brine disposal using fluid-hed evaporation [with list of 4280
- 743. Exploratory study of brine disposal using fluid-bed evaporation [with list of references]; by P. E. LaMont Allied Chemical Corporation, Idaho Falls, Idaho. Nov. 1971. xvi+88 p. il. 4° [Agreement 14-30-2729.] Paper, \$1.00 (S/N 2400-0701). 4281
- 4282
- \$1.00 (8/N 2400-0701).
 744. Bench scale study of vacuum freezing ejector absorption process; by J. Koretchko, G. Hajela, Colt Industries, Inc., Beloit, Wis. Nov. 1971, vii + 257 p. il. 4° [Contract 14-30-2679.] * Paper, \$3.50 (8/N 2400-0702).
 746. Evaluation of 75,000 GPD sea water desulfating pilot plant [with list of bibliography and references]; by K. M. Garrison and J. E. Gugler. Nov. 1971, x+185 p. 4° [Contract 14-01-0001-2178.] * Paper, \$1.75 (8/N 2400-0703).
 750. Melter condensor convertion, theory and experiment [with list of literature] 4283
- 4284
- 750. Melter-condenser operation, theory and experiment [with list of literature cited]; by K. A. Smith, P. L. T. Brian, Massachusetts Institute of Technology, Cambridge, Mass. Feb. 1972. ili+24 p. il. 4° [Grant 14-01-0001-1719.] * Paper, 35c. (S/N 2400-0710).
 752. Coupling of solute flows in synthetic and biological membranes [with bibliographies]; by Alvin Essig, New England Medical Center Hospitals, Boston, Mass. Jan. 1972. v+110 p. il. 4° [Grant 14-30-2516.] * Paper, \$1.00 (S/N 2400-0709). 4285

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

4286 Telephone directory, Department of Interior, fall 1971. [1971.] cover title, ii+96 p. 4° [Text on p. 2 and 4 of cover.] * Paper, \$1.00 (S/N 2400-0712).

INTERNAL REVENUE SERVICE, Treasury Dept. Washington, DC 20224

- 4287 Amortization of pollution control facilities. [1971.] [2]+6 p. il. 4° (Publication 577 (10-71).) * Paper, \$7.50 per 100; single copy 10c. Item 964-B T 22.44/2:577
- 4288 Child care and disabled dependent care. [1971.] 8 p. il. 4° (Publication 503 (10-71).) * Paper, \$7.50 per 100; single copy 10c. Item 964-B

 T 22.44/2: 503/4
- 4289 Commissioner of Internal Revenue, 1971 annual report [with statistical tables]. [1972.] [4]+130 p. il. 4° ([Publication 55.]) [Also issued as H. doc. 206, 92d Cong., 2d sess.] * Paper, \$1.50 (S/N 4804-0392).

 Item 955
- 4290 Community property and Federal income tax. [1971.] 8 p. 4° (Publication 555 (10-71).) * Paper, \$7.50 per 100; single copy 10c. Item 964-B T 22.44/2:555/4
- 4291 Condemnations of private property for public use. [1971.] 19 p. il. 4° (Publication 549 (10-71).) * Paper, \$15.00 per 100; single copy, 20c.
 Item 964-B T 22.44/2: 549/4
- 4292 Corporations and Federal income tax. [1971.] 27 p. 4° (Publication 542 (10–71).) * Paper, \$18.75 per 100; single copy, 25c. Item 964–B T 22.44/2: 542/4
- 4293 Federal tax information for civil service retirees. [1971.] 8 p. narrow 16° (Publication 568 (10−71).) * Paper, \$7.50 per 100; single copy, 10c.
 Item 964−B T 22.44/2: 568/3
- 4294 Highlights of 1971 changes in tax law. [1972.] 11 p. 4° (Publication 553 10-71).) * Paper, \$11.25 per 100; single copy, 15c. Item 964-B T 22.44/2: 553/3
- 4295 Income tax deduction for contributions. [1971.] 8 p. 4° (Publication 526 (10-71).) * Paper, \$7.50 per 100; single copy, 10c. Item 964-B T 22.44/2: 526/4
- 4296 Income tax deduction for taxes. [1971.] 8+[2] p. 4° (Publication 546 (10-71).) * Paper, \$11.25 per 100; single copy, 15c. Item 964-B T 22.44/2: 546/4
- 4297 Index-digest supplement system: Service 5, Alcohol, tobacco & firearms, supp. 5, Jan. 1969-June 1971. [1971.] 27 p. 4° (Publication 645.)

 * Paper, \$2.00 (including basic volume and supplementary material for an indefinite period); 50c. additional for foreign mailing. Item 960

 T 22.25/9: 965-68/supp.5
- 4298 Information on excise taxes for 1972. [1972.] 12 p. 4° (Publication 510 (1–72).) * Paper, \$11.25 per 100; single copy, 15c. Item 964–B

 T 22.44/2: 510/4
- 4299 Information on self-employment tax. [1971.] 6 p. 4° (Publication 533 (10–71).) * Paper, \$7.50 per 100; single copy, 10c. Item 964–B T 22.44/2:533/4
- 4300 Internal revenue cumulative bulletin 1971–1, Jan.—June [1971]. [1971.] cover title, xiv+787 p. 4° [Semiannual. Includes revenue rulings 71–1 to 71–277, also revenue procedures 71–1 to 71–19.] * Cloth, \$7.50 (S/N 4804–0389). Item 960 T 22.25:971–1
- 4301 Looseleaf regulations system; service 2, Estate and gift tax, transmittal 14.

 Dec. 17, 1971. [6] p. 4° Item 961 T 22.19/3; 2/rep.965/trans.14

 Note.—Service 2 consists of pts. 20 and 25 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$3.00 (including basic material and supplements issued irregularly for approximately 3 years); \$1.00 additional for foreign mailing.

 ◆For Sale by National Technical Information Service, Springfield, VA 22151
 ◆Sent to Depository Libraries

- 4302 Losses from operating a business. [1971.] 7 p. 4° (Publication 536 (10-71).) * Paper, \$7.50 per 100; single copy, 10c. Item 964-B T 22.44/2: 536/4
- 4303 Other miscellaneous deductions. [1971.] 7 p. il. 4° (Publications 529 (10-71).) * Paper, \$7.50 per 100; single copy, 10c. Item 964-B T 22.44/2: 529/4
- 4304 [This entry number not used.]
- Questions and answers on retirement plans for self-employed. [1971.] 10 p. il. 4° (Publication 566 (10-71).) * Paper, \$11.25 per 100; single copy, 15c. Item 964-B T 22.44/2: 566/4
- 4306 Retirement income and retirement income credit. [1971.] 6+[2] p. 4° (Publication 524 (10-71).) * Paper, \$7.50 per 100; single copy 10c.

 Item 964-B

 T 22.44/2: 524/4
- 4307 Sales and exchanges of assets. [1971.] 29 p. 4° (Publication 544 (10-71).)

 * Paper, \$18.75 per 100; single copy 25c. Item 964-B

 T 22.44/2:544/4
- 4308 Statistics of income 1969, preliminary: Business income tax returns. [1972.]
 [2]+ii+35 p. il. 4° (Publication 453-(12-71).) * Paper, 35c. (S/N
 4804-0472). Item 964 T 22.35/3: B 96/969
- 4309 Corporation income tax returns [with accounting periods ended July 1969–June 1970; prepared in Income Finance, and Wealth Branch]. [1971.] [2]+ii+35 p. il. 4° (Publication 159 (12-71).) * Paper, 35c. (S/N 4804-0471). Item 964 T 22.35/3: C 81/969
- 4310 Tax benefits for older Americans. [1971.] 20 p. 4° (Publication 554 (10-71).) * Paper, \$15.00 per 100; single copy 20c. Item 964-B T 22.44/2: 554/4
- 4311 Tax information for students and parents. [1971.] 6 p. 4° (Publication 532 (10-71).) * Paper, \$7.50 per 100; single copy 10c.

 Item 964-B T 22.44/2: 532/4
- 4312 Tax information on accounting periods and methods. [1971.] 12 p. il. 4° (Publication 538 (10-71).) * Paper, \$11.25 per 100; single copy, 15c.

 Item 964-B

 T 22.44/2: 538/4
- 4313 Tax information on business expenses. [1971.] 23 p. il. 4° (Publication 535 (10-71).) * Paper, \$15.00 per 100; single copy 20c. Item 964-B
- 4314 Tax information on deduction for bad debts. [1971.] 8 p. il. 4° (Publication 548 (10-71).) * Paper, \$7.50 per 100; single copy 10c. Item 964-B T 22.44/2: 548/4
- 4315 Tax information on disasters, casualty, losses, and thefts. [1971.] 18 p. 4° (Publication 547 (10–71).) * Paper, \$15.00 per 100; single copy 20c. T 22.44/2: 547/4
- 4316 Tax information on interest equalization tax. [1971.] 22 p. il. 4° (Publication 565 (5-71).) * Paper, \$15.00 per 100; single copy, 20c. Item 964-B T 22.44/2: 565/2
- 4317 Tax information on investment income and expenses. [1971.] 27 p. 4° (Publication 550 (10-71).) * Paper, \$18.75 per 100; single copy 25c.

 Item 964-B
- 4318 Tax information on selling your home. [1971.] 12 p. 4° (Publication 523 (10-71).) * Paper, \$11.25 per 100; single copy 15c. Item 964-B T 22.44/2: 523/4
- 4319 Tax information on United States savings bonds. [1971.] [2]+4 p. il. 4° (Publication 576 (10-71).) * Paper, \$7.50 per 100; single copy, 10c.

 Item 964-B T 22.44/2: 576

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

- 4320 Tax sheltered annuity plans for employees of public schools and certain tax-exempt organizations. [1971.] 17+[1] p. il. 4° (10-71).) * Paper, \$15.00 per 100; single copy 20c. (Publication 571 • Item 964-B T 22.44/2:571/3
- 4321 Tax withholding and declaration of estimated tax. [1972.] 8 p. 4° lication 505 (1–72).) * Paper, \$7.50 per 100; single copy 10c. • Item T 22.44/2:505/4 964-B
- 4322 Taxable income and non-taxable income. [1971.1 20+[3] p. il. 4° (Publication 525 (10-71).) * Paper, \$15.00 per 100; single copy 20c. • Item T 22.44/2: 525/4
 - Title 26, Code of Federal regulations, pt.
- 196. Stills, revised as of Oct. 1, 1971. [1971.] cover title, 15 p. (Publication 223 (Rev. 10-71).) * Paper, 15c. (S/N 4804-0394). Item 961 T 22.17/3: 196/4 4323
- Tobacco tax guide, transmittal 10, Jan. 24, 1972. [1972.] [33] p. 4° (Publication 464.) [Issued in looseleaf form.] * Paper, \$10.00 (including 4324 basic guide and supplementary material for an indefinite period); \$2.50 additional for foreign mailing. • Item 956-A T 22.19/5: 969/trans.10
- 4325 This entry number not used. 1
- 4326 Understanding taxes: 1972 farm edition, student text. [1971.] 40 p. il. 4° (Publication 22; Teaching taxes program.) † • Item 956-A T 22.19/2: T 19/972
- 4327 - 1972 general edition, student text. [1971.] 32 p. il. 4° (Publication 21; Teaching taxes program.) † • Item 956-A T 22.19/2: T 19/3/972
- 4328 United States tax guide for aliens. [1971.] 39 p. 4° (Publication 519 (10-71).) * Paper, \$22.50 per 100; single copy 30c. ● Item 964-B
- T 22.44/2: 519/4 4329 Withholding taxes from your employee's wages. [1972.] 15 p. 4° (Publication 539 (1-72).) * Paper, \$11.25 per 100; single copy 15c. • Item T 22,44/2:539/4 964-B

INTERNATIONAL COMMERCE BUREAU, Commerce Dept. Washington, DC 20230

- Foreign economic trends and their implications for United States, ET (series). * Paper, \$15.00 a yr., \$6.00 additional for foreign mailing. • Item 231-I C 42.30:(nos.)
- 71-137. Lebanon. Nov. 29, 1971. 16 p. il. 4° (American Embassy, Beirut.) [Semi-annual.] 4330
- 71-138, Indonesia, Dec. 1971. 16 p. 4° (American Embassy, Djakarta.) [Semi-annual.] 4331
- 71-139, Hong Kong. Dec. 10, 1971. 15 p. il. 4° (American Embassy, Hong Kong.) [Semiannual.] 4332
- 71-140. Nicaragua. Dec. [Semiannual.] 4, 1971. 12 p. il. 4º (American Embassy, Managua.) 4333
- 4334 72-004. Guatemala. Dec. 20, 1971. 8 p. 4° (American Embassy, Guatemala.)
- [Annual.]
 72-005. Argentina. [1972.] 10 p. il. 4° (American Embassy, Buenos Aires.)
 [Based on report during Dec. 1971 through 1st half of Jan. 1972.
 Semiannual.] 4335
- 4336 Policy aspects of foreign investment by U.S. multinational corporations. Jan. 1972. [5]+86 p. 4° (Office of International Investment.) [Staff study.] † • Item 231-A L.C. card 72-600623 C 42.2: P 75/2

INTERSTATE COMMERCE COMMISSION Washington, DC 20423

Accounting circular MF (series).

3. Uniform system of accounts of class 1 and 2 common and contract motor carriers of property and interpretations thereof; [cases 1-283]. Oct. 1971. cover title, 1i+1-93, 317-384 p. [Includes all supplements thereto as of Oct. 29, 1971. Code of Federal regulations, title 49, pt. 1207.] * Paper, \$1.00 (S/N 2600-0850). ■ Item 689 4337

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- 4338 85th annual report of Interstate Commerce Commission, fiscal year June 30, 1971. [1972.] vi+160 p. il. [Also issued as H. doc. 212, 92d Cong., 2d sess.] * Paper, 70c. (S/N 2600-0841). • Item 673
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4396 [Law enforcement education program manual, 1969, chap. 5.] Administration. Dec. 1, 1971. [1]+19 p. 4° (Law Enforcement Assistance Administration.) [Issued in looseleaf form.]

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4395

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PR (series). (National Institute of Law Enforcement and Criminal Justice, Law Enforcement Assistance Administration.)

4397 71-2. Higher education programs in law enforcement and criminal justice [with list of references]; by Charles W. Tenney, jr. June 1971. vi+95 p. (Law Enforcement Assistance Administration, National Institute of Law Enforcement and Criminal Justice.) *Paper, 50c. (S/N 2700-0072).

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11. Establishing new career, social health technician; [prepared by Anita S. Vogel]. 1971. [6] +48 p. 4° (Manpower Administration.) [Prepared under contract 83-34-69-18 by New Occupations Demonstration Project, Mobilization for Youth, Inc.] † Item 746-M L 1.56:11 4400

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 2761. Has blue-collar worker's position worsened? [by] Sar A. Levitan and Robert Taggart III. [1971.] p. 23-29, 4° [From Sept. 1971 issue.] 4416
- Publications of Bureau of Labor Statistics, Jan.-June 1971; [prepared by 4417 Sarah B. Perry]. [1971.] cover title, 42 p. 4° † • Item 768-E L 2.34: 971/1

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- 4421 Budget highlights, fiscal year 1973. [1972.] cover title, iii+[1]+133 p. il. oblong 8° [Some illustrations are colored.] * Paper, \$3.00. • Item 855-A PrEx 2.8/6: 973
- 4422 Budget of United States Government, fiscal year 1973. [1972.] 570 p. il. [Also issued as H. doc. 215, pt. 1, 92d Congress, 2d session.] * Paper. \$2.50 (S/N 4104-0067). • Item 853 PrEx 2.8: 973
- 4423 - Appendix. [1972.] 1103 p. 4° [Also issued as H. doc. 216, 92d Congress. 2d session.] * Paper, \$8.50. • Item 853 PrEx 2.8: 973/app.
- 4424 Proceedings of Federal Management Improvement Conference, Oct. 18 and 19, 1971, Washington, D.C. [1972.] 142 p. * Paper, 75c. (S/N 4101-0072). • Item 854-B L.C. card 72-600695 PrEx 2.19:971
- 4425 Special analyses, [budget] of United States Government, fiscal year 1973. [1972.] 309 p. il. * Paper, \$1.50. • Item 855-B PrEx 2.8/5:973
- 4426 U.S. budget in brief, fiscal year 1973. [1972.] cover title, 88 p. il. [Text and other illustrations on p. 2-4 of cover. Page 88 is blank, but no Text is omitted.] * Paper, 50c. ● Item 855-A PrEx 2.8/2:973

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

Fleet Marine Force manual FMFM (series).

4429

- 7-1. Fire support coordination. [1971.] cover title, [6] + vi + 230 p. il. 4° [Issued with perforations.] (PCN 139 000495 00.) [Supersedes FMFM 7-1, Aug. 11, 1967. Issued with perforations.] ‡ Item 384 D 214.9/4: 7-1/2 4427
- Marine Corps uniform regulations, Change 6. Oct. 21, 1971. [105] p. il. 4° (MCO P1020.34B.) [Issued in looseleaf form.] * Paper, \$1.25 (S/N 4428 0855-0061). • Item 384-C D 214.6: Un 3/966/ch.6

MARITIME ADMINISTRATION, Commerce Dept. Washington, DC 20548

- MA SP (series). C 39.210/2: 72-(nos.)
- 72-2. Remarks by Robert J. Blackwell, Deputy Assistant Secretary of Commerce for Maritime Affairs, before regional membership meeting of American Waterways Operators, Inc., New Orleans, La. Jan. 12, 1972. 1972. 8 p. 4° 72-6. Address by A. E. Gibson, Assistant Secretary of Commerce for Maritime Affairs, prepared for delivery before Joint Conference of Lake Carriers Association and Dominion Marine Association, Point Clear, Ala., Jan. 25, 1972. 1972. 12 p. 4° 4430

MATERNAL AND CHILD HEALTH SERVICE, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 4431 Galactosemia, annotated bibliography; compiled by Donough O'Brien, 1971. [5] +37 p. * Paper, 30c. (S/N 1791-0158). ● Item 483-V-2 HE 20.2759: G 13
 - MCHS statistical series. † Item 483-V-4 HE 20.2760:(nos.)
- 2. Maternal and child health services of State and local health departments, fiscal year 1970, cover title, [2]+4+[21] p. 4° ([DHEW publication (HSM) 72-5801.]) 4432

ΦFor Sale by National Technical Information Service, Springfield, VA 22151 Sent to Depository Libraries

3. Children who received physicians' services under crippled children's program, fiscal year 1970. Dec. 1971 [published 1972]. [4] +40 p. 4° (DHEW publication (HSM) 72-5800; CC-1970.)

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

4434 Manual of Medical Department [1952], Change 69. Sept. 23, 1971. [153] p. 4° [Issued in looseleaf form.] ‡ D 206.8/2: 952/ch.69

4435 Manual of Medical Department [1952], Change 70. Oct. 21, 1971. [18] p. 4° [18sued with perforations.] ‡ D 206.8/2: 952/ch.70

MINES BUREAU, Interior Dept. Washington, DC 20240

- 4436 Asbestos; [by Robert A. Clifton]. [1971.] [2] +9 p. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. I 28.37/a: As 15/970
- 4437 Bauxite; [by Horace F. Kurtz]. [1971.] [2]+13 p. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. I 28.37/a: B 329/970
- 4438 Bromine; [by Robert T. MacMillan]. [1971.] [2]+4 p. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. I 28.37/a : B 788/970
- Bulletin.

 658. Computer simulation of particulate systems [with lists of references]; by
 Lindsay D. Norman and others. [1971.] iv+55 p. II. 4° * Paper, 60c.
 (8/N 2404-0946). Item 636
- Calcium and calcium compounds; [by Avery H. Reed]. [1971.] [2]+2 p. [Preprint from Minerals yearbook, 1970.] *Paper, 10c. I 28.37/a: C 126/2/970
- Cement in 1970; prepared in Division of Nonmetallic Minerals. Dec. 29, 1971. 10 p. 4° (Minerals industry surveys; advance summary.) † Mines Bureau, Pittsburgh, PA 15213 I 28.29/2: 970/ad.sum.
- Coal mine safety inspection manual for underground mines. Dec. 1971 [published 1972]. [1] + xvi+[1] +157 p. 4° † Item 637-B
 I 28.16/2: C 68
- Columbium and tantalum; [by Joseph A. Sutton]. [1971.] [2]+10 p. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. 128.37/a: C 723/970
- Crude petroleum, petroleum products, and natural-gas-liquids, 1970, final summary; [prepared in Division of Fossil Fuels]. Dec. 23, 1971. 40 p. il. 4 (Mineral industry surveys; petroleum statement, annual.) † Mines Bureau, Pittsburgh, PA 15213.
- 4445 Feldspar, nepheline syenite, and aplite; [by J. Robert Wells.] [1971.] [2]+8 p. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. I 28.37/a: F 333/2/970
- 4446 Ferroalloys; [by Horace T. Reno]. [1971.] [2]+6 p. [Preprint from Minerals yearbook, 1971.] * Paper, 10c. I 28.37/a: F 417/970
- 4447 Fluorspar in 1971; prepared in Division of Nonmetallic Minerals, Dec. 27, 1971. 1 p. (Mineral industry surveys; annual, preliminary.) † Mines Bureau, Pittsburgh, PA 15213 I 28.70/2: 971/prelim.
- 4448 Gem stones; [by Robert G. Clarke]. [1971.] [2]+6 p. [Preprint from Minerals yearbook, 1970.] * Paper, 10c.
- 4449 Gypsum; [by Richard E. Dawes]. [1971.] [2]+8 p. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. I 28.37/a: G 998/970
 - Information circulars. Item 637-A I 28.27: (nos.)
- 4450 8529. Bureau of Mines research programs on recycling and disposal of mineral, metal-, and energy-based solid wastes by Charles B. Kenahan and Elnar P. Flint, errata. [1971.] [1]+87-46a p. 4° † Mines Bureau, Pittsburgh, PA 15218

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

MAROH 1972

- 4451
- 8530. Satellite monitoring of open pit mining operations; by William C. Henkes. [1971; published 1972.] [3] + 28 p. il. 4° Paper, 35c. (S/N 2404-1031). Strippable reserves of bituminous coal and lignite in United States [with bibliography]; by staff, Bureau of Mines. [1971.] [2] + iv + 148 p. il. 4° Paper, \$1.50 (S/N 2404-1020). L.C. card 79-616370

 8532. Survey of secondary titanium market; by Jerry J. Gray [and] Paul McIlroy. 1971 [published 1972]. [3] + 17 p. il. 4° Paper, 30c. (S/N 2404-1032). I.C. card 72-600635 4452
- 4453
- 4454
- 1971 [published 1972]. [3]+17 p. il. 4° Paper, 30c. (8/N 2404-1032).
 L.C. card 72-600635

 8533. Cost evaluation of metal and mineral recovery process for treating municipal incinerator residues [with list of references]; by John J. Henn and Frank
 A. Peters. [1971.] [2]+iii+41 p. il. 4° Paper, 50c. (8/N 2404-1028).

 8536. Effect of Coal Mine Health and Safety Act of 1969 on respirable dust concentrations in selected underground coal mines; [by] Murray Jacobson, Paul S. Parobeck, and Mona E. Hughes. [1971.] [3]+9 p. il. 4° † Mines 4455 Bureau, Pittsburgh, PA 15213
- 4456 Iron ore in 1971; prepared in Division of Ferrous Metals. Dec. 27, 1971. 1 p. 4° (Mineral industry surveys; annual, preliminary.) † Mines Bureau, Pittsburgh, PA 15213 I 28.66/2: 971/prelim.
- 4457 Lime; [by Avery H. Reed]. [1971.] [2]+8 p. il. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. I 28.37/a: L 629/970
- 4458 Magnesium; [by E. Chin]. [1971.] [2]+7 p. [Preprint from Minerals yearbook chapter.] * Paper, 10c. I 28.37/a: M 274/2/970
- 4459 Magnesium compounds; [by E. Chin]. [1971.] [2]+7 p. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. I 28.37/a: M 274/5/970
- 4460 Mica; [by Benjamin Petkof]. [1971.] [2]+9 p. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. I 28.37/a: M 581/970
- 4461 Mineral industry of Taiwan; [by K. P. Wang]. [1971.] [2]+10 p. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. (S/N 2404-0981). I 28.37/a 2: T 139/970
- 4462 Minor metals; [by Staff of Division of Nonferrous Metals]. [1971.] [1]+ 14 p. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. I 28.37/a: M 564/3/970
- 44R3 Peat; [by Eugene T. Sheridan]. [1971.] [2]+8 p. il. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. I 28.37/a: P 329/970
- 4464 Platinum-group metals in 1971; [prepared in Division of Nonferrous Metals]. Dec. 29, 1971, 2 p. 4° (Mineral industry surveys; annual preliminary.) † Mines Bureau, Pittsburgh, PA 15213

I 28.77/2: 971/prelim.

- Report of investigations. • Item 637-A I 28.23:(nos.)
- 4465 7588. Analyses of tipple and delivered samples of coal collected during fiscal year 1971; by staff, Coal Sampling and Inspection. [1972.] [3]+20 p. 4° * Paper, 30c. (S/N 2404-1034).
- 4488 7589. In situ rock temperature, stress investigations in rock quarries [with list of references]; by Verne E. Hooker and Wilbur I. Duvall. [1971.] [3] +12 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 4487
- 7590. Ionic constituents of dc discharges in HE-So₂ mixture [with list of references]; by D. G. Kuehn and L. M. Chanin. [1971.] [3]+17 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
 7591. Methane emission rate studies in Central Pennsylvania mine; by Stephen Krickovic and Charles Findlay. [1971.] [3]+9 p. il. 4° † Mines Bureau, PA 15212 4468
- 4469
- Pittsburgh, PA 15213

 7592. Determination of metallic aluminum in recycled glass [with list of references]; by Thomas E. Green. [1971.] [3]+7 p. il. 4° †

 7593. Classification test methods for flammable solids; by J. M. Kuchta and A. F. Smith. [1972.] [3]+13 p. il. 4° [Based on work done by Mines Bureau under Transportation Department project DOT-OS-00007.] † Mines 4470 Bureau, Pittsburgh, PA 15213
- 4471 Salt; [by Robert T. MacMillan]. [1971.] [2] +10 p. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. I 28.37/a: Sa 37/970
- 4472 Sodium and sodium compounds; [by Charles L. Klingman]. [1971.] [2] +4 p. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. I 28.37/a: So 16/2/970

ΦFor Sale by National Technical Information Service, Springfield, VA 22151 Sent to Depository Libraries

- Sulfur and pyrites; [by Roland W. Merwin]. [1971.] [2]+13 p. il. [Pre-4473 print from Minerals yearbook, 1970.] * Paper, 10c. I 28.37/a: Su 5/970
- Sulfur in 1971; [prepared in Division of Nonmetallic Minerals]. Dec. 27, 4474 1971, 2 p. 4° (Mineral industry surveys; annual, preliminary.) † Mines I 28.63/2: 971/prelim. Bureau, Pittsburgh, PA 15213

MISSOURI BASIN INTER-AGENCY COMMITTEE

Note.—The chairman of the Missouri Basin Inter-Agency Committee for fiscal year 1970 is Brig. Gen. C. Craig Cannon, Division Engineer, U.S. Army Corps of Engineers, P.O. Box 103, Omaha, NB 68101.

- Annual progress report, fiscal year 1971. [1971.] cover title, [5]+52+[5] 4475 p. il. 4° †
- Minutes of 166th meeting, Kansas City, Mo., Sept. 22-23, 1971; [prepared 4476 by W. B. Patterson]. Lincoln, Nebr., USDA-SCS, 1971. cover title, [87] p. il. 4° † Y 3.M 69: 2 M 66/971-7 p. il. 4° †

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.

Community drug abuse prevention program series.

J 24.13: C 41 Checklist. [1971.] cover title, [8] p. † • Item 967-B 4477

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION Washington, DC 20546

- Apollo 15, Scott, Worden, Irwin; [circular paster]. [1972.] diameter, 3.7 in. 4478 NAS 1.2: Ap 4/4 * Plastic, \$7.50 per 100; single copy, 10c.
- Laboratory and industrial ventilation. Jan. 1972. edition. [1972.] cover title, 4479 [108] p. il. 4° (NHB 7320.2.) [Supplements Facilities engineering hand-NAS 1.18: V 56 book NHB 7320.1.] * Paper, \$1.00. • Item 830-F
 - NAS 1.26: (nos.) NASA contractor report CR (series).
- 4480
- 4481
- 1726. Handbook of human engineering design data for reduced gravity conditions [with list of references]; by T. Marton [and others]. Oct. 1971. cover title, 1537] p. il. 4° [Prepared under contract NAS 9-8640 and NAS 8-18117 by General Electric Company, Space Systems Organization, Philadelphia, Pa.] Φ Paper, \$10.00.
 1782. Dynamics and stability of mechanical systems with follower forces [with list of reference]; by George Hermann. Nov. 1971. cover title, vii+234 p. il. 4° [Prepared under contract NGL 05-020-397; NGR 14-007-067 by Stanford University, Stanford, Calif.] Φ Paper, \$3.00.
 1797. Calculation of compressible, nonadiabatic boundary layers in laminar, transitional and turbulent flow by method of integral relations [with list of references]; by Gary D. Kuhn. Nov. 1971. cover title, vi+228 p. il. 4° [Prepared by Nielsen Engineering and Research, Inc., Mountain View, Calif. under contract NAS 1-9429. Issued by originator as report NEAR TR 25.] Φ Paper, \$3.00.
 1825. Conference on photographic astrometric technique [with list of references]; 4482
- 1825. Conference on photographic astrometric technique [with list of references]; edited by Helnrich Elchhorn. Nov. 1971. cover title, viii+267 p. il. 4° [Prepared under grant NSR-10-008-013 by Department of Astronomy, University of South Florida.]

 L.C. card 72-600586 4483
- 4484
- 4485
- L.C. card 72-600586

 1830. Basic investigation of turbine erosion phenomena [with lists of references]; by W. D. Pouchot [and others]. Nov. 1971. cover title, [379] p. il. 4° [Prepared by Westinghouse Electric Corporation, Pittsburgh, Pa., under contract NAS 7-390.] \$\phi\$ Paper, \$6.00.

 1844. Development of sonic boom simulator with detonable gases [with list of references]; by R. T. Strugielski, L. E. Fugelso, L. B. Holmes, and W. J. Byrne. Nov. 1971. cover title, vi+173 p. il. 4° [Prepared by General American Research Division, Niles, Ill., under contract NAS 1-9252.] \$\phi\$ Paper, \$3.00.

 1856. Kinetics of crystallization of molten binary and ternary oxide systems and their application to origination of high modulus glass fibers [with list of references]; by J. F. Bacon. Nov. 1971. cover title. xvi+296 p. il. 4° [Prepared under contract NASW-1301 and NASW-2013 by United Aircraft Corporation, East Hartford, Conn.] \$\phi\$ Paper, \$3.00. 4486

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

1867. Spaceborne computer executive routine functional design specification; v. 1, Functional design of flight computer executive program for reusable shuttle; by R. T. Curran. Oct. 1971. cover title, !x+167 p. !l. 4° [Prepared under contract NAS 8-24930 by Computer Sciences Corporation, Field Services Division, Aerospace Systems Center, Huntsville, Ala.] 4487 1869. Spaceborne computer executive routine functional design specification: v. 3, Executive routine primitives and process control; by James R. Kennedy, sr. Oct. 1971. cover title, ix+87 p. il. 4° [Prepared under contract NAS 8-24930 by Computer Sciences Corporation, Field Service Division, Aerospace Systems Center, Huntsville, Ala.] • Paper, \$3.00.

1874. Inventory of aeronautical ground research facilities: v. 1, Wind tunnels; by C. J. Pirrello [and others]. Nov. 1971. cover title, [317] p. il. 4° [Prepared under contract NAS 2-5458 by McDonnell Aircraft Company, St. Louis, Mo.] • Paper, \$6.00. Φ Paper, \$3.00. 1869. Spaceborne computer 4488 4489 St. Louis, Mo.] Φ Paper, \$6.00.
1876. Inventory of aeronautical ground research facilities: v. 3, Structural and environmental facilities; by C. J. Pirrello land others]. Nov. 1971. cover title, [287] p. il. 4° [Prepared under contract NAS 2-5458 by McDonnell Aircraft Company, St. Louis, Mo.] Φ Paper, \$6.00.
1877. Inventory of aeronautical ground research facilities: v. 4, Engineering flight simulation facilities; by C. J. Pirrello [and others]. Nov. 1971. cover title, xxvi+134 p. il. 4° [Prepared under contract NAS 2-5458 by McDonnell Aircraft Company, St. Louis, Mo.] Φ Paper, \$3.00.
1883. Evaluation of methods for scaling aircraft noise perception [with list of references]; by J. B. Ollerhead, Oct. 1971. cover title, ix+139 p. il. 4° [Prepared under contract NAS 1-9257 by Wyle Laboratories, Hampton, Va.] Φ Paper, \$3.00.
1891. Experimental determination of atmospheric absorption from aircraft acous-4490 4491 4492 [Prepared under contract NAS 1-9257 by Wyle Laboratories, Hampton, Va.] \$\phi\$ Paper, \$3.00.

1891. Experimental determination of atmospheric absorption from aircraft acoustic flight tests [with list of references]; by R. L. Miller and P. B. Oncley. Nov. 1971. cover title, iii+105 p. 11. 4° [Prepared under contract NAS 1-10272 by Boeing Company, Scattle, Wash.] \$\phi\$ Paper, \$3.00.

1892. Development of space activity suit [with list of references]; by James F. Annis and Paul Webb. Nov. 1971. cover title, v+134 p. il. 4° [Prepared under contract NAS 1-8018 by Webb Associates, Inc., Yellow Springs, Ohio.] \$\phi\$ Paper, \$3.00.

1895. Study of heat rejection system using capillary pumping [with bibliographies]; by L. G. Neal, D. J. Wanous, and O. W. Clausen. Nov. 1971. cover title, ix+227 p. il. 4° [Prepared by TRW Systems Group, Redondo Beach, Calif., under contract NAS 3-12976.] \$\phi\$ Paper, \$3.00.

1908. Study of boundary layer transition on outgassing cones in hypersonic flow [with list of references]; by C. J. Stalmach, jr. [and others]. Dec. 1971. cover title, ix+71 p. il. 4° [Prepared under contract NAS 1-9524 by Vought Aeronautics Company, Dallas, Tex.] \$\phi\$ Paper, \$3.00.

1912. Development and application of method for predicting rotor free wake positions and resulting rotor blade air loads: v. 2, Program listings; by S. Gene Sadler. Dec. 1971. cover title, iv+147 p. 4° [Prepared under contract NAS 1-8448 by Rochester Applied Science Associates, Inc., Rochester, N.Y.] \$\phi\$ Paper, \$3.00.

1915. Role of hydrogen in hot-salt stress corrosion cracking of titanium-aluminum alloys [with list of references]; by R. S. Ondrejcin. Nov. 1971. cover title, v+18 p. il. 4° [Prepared under contract NAS 1-7734 by General Dynamics, Couvair Aerospace Division, Fort Worth. Tex. Issued by originator as report FZK-376.] \$\phi\$ Paper, \$3.00.

1923. Calculation of turbulent boundary layers with heat transfer and pressure gradient utilizing compressibility transformation; pt. 1, Summary report 4493 4494 4495 4496 4497 4498 4499 1923. Calculation of turbulent boundary layers with heat transfer and pressure gradient utilizing compressibility transformation; pt. 1, Summary report [with list of references]; by C. Economos and J. Bocclo. Dec. 1971, cover title, vii+68 p. ii. 4° [Prepared under contract NAS 1-9624 by General Applied Science Laboratories, Inc., Westbury, L.I., N.Y. Issued by originator as report GASL TR-748 pt. 1.]

4 Paper, \$3.00. 4500 1928. Preliminary design of auxiliary power unit for space shuttle, component and system configuration screening analysis; by R. L. Binsley [and others]. Nov. 1971. cover title, ili+296 p. il. 4° [Prepared under contract NAS 3-14407 by Rocketdyne, Canoga Park, Calif. Issued by originator as report TMR0115-3137.] \$\phi\$ Paper, \$3.00. 4501 1943. Model for multiple-drop-impact erosion of brittle solids [with list of references]; by O. G. Engel. Nov. 1971. cover title, xii+97 p. il. 4° [Prepared under contract NAS W-1481 by General Electric Company, Evendale, Ohio.] Φ Paper, \$3.00. 4502 1952. Analytic evaluation of display requirements for approach to landing [with list of references]; by David L. Kleinman and Sheldon Baron. Nov. 1971. cover title, v+95 p. il. 4° [Prepared under contract NAS 2-5962 by Bolt Beranek and Newman, Inc., Cambridge, Mass.] Φ Paper, \$3.00. 4503

NASA EP (series).

4504

84. Satellites at work, space in the 70's [in communications, meteorology, geodesy, navigation, air traffic control, and earth resources technology; by William R. Corliss]. [1971.] cover title, 28 p. il. 4° [Text on p. 2-4 of cover. Some illustrations are colored.] * Paper, 60c. Item 830-G

L.C. card 70-616460

NAS 1.19:84

	NASA SP (series). NAS 1.21:(nos.)
4505	263. Mariner 6 and 7 pictures of Mars [with bibliography]; by Stewart A. Collins. 1971. ix+159 p. il. 4° (Scientific and Technical Information Office.) [Prepared at Jet Propulsion Laboratory, Pasadena, Calif. One illustration is colored. Includes lining papers.] * Cloth, \$4.25 (8/N 3300-0367). ■ Item 830-I L.C. card 78-610670
4506	Vehicle technology for civil aviation, the seventies and beyond, conference held at Langley Research Center, Hampton, Va., Nov. 2-4, 1971 [with lists of references]. 1971. vii+445 p. il. 4° (Scientific and Technical Information Office.) Φ Paper, \$3.00. L.C. card 74-616298
4507	3068. Atomic-emission-line wavelength calculations below 2000 angstroms for lithium 2 through cobalt 16 [with list of references; by] Michael D. Williams. 1971. [3]+116 p. 4° (Scientific and Technical Information Office.) • Paper, \$3.00.
4508	Conference on materials for improved fire safety, Manned Spacecraft Center, Houston, Tex., May 6-7, 1970 [articles with bibliographies]. 1971. vii+221 p. il. 4° (Technology Utilization Office.) * Paper, \$2.25 (S/N 3300-0390). ● Item 830-I L.C. card 79-611768
4509	5002 (02) Piping and tubing technology compilation, [1971.] cover title, iii + 21
4510	p. fl. 4° (Technology Utilization.) Φ Paper, \$1.00. 5927 (02). Valve technology, compilation. [1971.] cover title, ii+23 p. il. 4° (Technology utilization.) Φ Paper, \$1.00.
	NASA technical note TN (series). NAS 1.14: D-(nos.)
4511	D-6479. Structural efficiencies of 5 compression panels with curved elements [with list of references]; by Gary L. Giles. Dec. 1971. cover title, [1]+32 p. il. 4° Paper, \$3.00.
4512	D-6485. Automated shell theory for rotating structures (ASIROS) (with list of references); by Byron J. Foster and Jerrell M. Thomas. Nov. 1971.
4513	D-6498. Relative susceptionity of ittaining alloys to not-sait stress-corrosion, [with list of references]; by Hugh R. Gray. Nov. 1971. cover title, [1]+57 p. il. 4° \$\Phi\$ Paper, \$3.00.
4514	D-6530. Contribution to methods for calculating flow about thin lifting wings at transonic speeds, analytical expressions for far field [with list of references]; by E. B. Klunker. Nov. 1971. cover title, [1]+15 p. il. 40 \$\Phi\$ Paper, \$3.00.
4515	D-6533. Parameter identification using creeping-random-search algorithm [with list of references]; by Russell V. Parrish. Dec. 1971. cover title, [1]+35 p. il. 4° \$\Paper\$, \$3.00.
4516	D-6534. Automated preliminary design of simplified wing structures to satisfy strength and flutter requirements [with list of references]; by W. Jefferson Stroud, Cornelia B. Dexter, and Manuel Stein. Dec. 1971. cover title, [1]+137 p. il. 4° Paper, \$3.00.
4517	D-6535. 10.6-um laser receiver RF subsystem [with list of references]; by D. E. Santarpia and T. E. McGunigal. Nov. 1971. cover title, iii+8 p. il. 4° \$\phi\$ Paper, \$3.00.
4518	D-6544. Behavior of Ti-5Al-2.5Sn ELI titanium alloy sheet parent and weld metal in presence of cracks at 20 K [with list of references]; by Timothy L. Sullivan. Nov. 1971. cover title, [1]+31 p. 4° Φ Paper, \$3.00.
4519	D-6544. Translent-forced convection film boiling on isothermal flat plate [with list of references]; by H. R. Nagendra. Nov. 1971. cover title, vii+36 p. ii. 4° \$\phi\$ Paper, \$3.00.
4520	D-6566. Exact closed-form solution for constant-area compressible flow with friction and heat transfer [with list of references]; by Jonas I. Sturas. Nov. 1971. cover title, [1] +17 p. il. 4° \$\Paper\$, \$3.00.
4521	wake of 120° cone for various separation distances [with list of references]; by James Wayne Sawyer and Charles F. Whitcomb. Nov. 1971. cover title, [1] +69 p. il. 4° Φ Paper, \$3.00.
4522	D-6590. Analytical design of parasitic-loading digital speed controller for 400-heriz turbine-driven alternator [with list of references]; by Bill D.
4523	D-6593. Field evaporation ion source with possible application to electrostatic propulsion [with list of references]; by Victor G. Weizer. Dec. 1971.
4524	canard configurations at Mach numbers 1.60 to 2.86 [with list of references]; by Samuel M. Dollyhigh. Dec. 1971. cover title, [1]+115 n. il. 49 Paper, \$3.00.
4525	D-6601. Digital automatic data reduction techniques used in 1000-flight bio- medical study [with list of references]; by Richard Carpenter and James Roman. Dec. 1971. cover title, [1] + 15 p. 11. 4° \$\Paper\$, \$3.00.
4526	D-6608. Elastohydrodynamic film thickness measurements with advanced ester, fluorocarbon, and polyphenyl ether lubricants to 589 K (600°F) [with list of references]; by Richard J. Parker and Jerrold W. Kannel. Dec. 1971. cover title, [1] +24 p. il. 4° \$\phi\$ Paper, \$3.00.

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

MARCH 1972.

- D-6622. Three-dimensional potential and current distributions in Hall generator with assumed velocity profiles [with list of references]; by N. Stankewwicz and R. W. Palmer. Jan. 1972. cover title, [1]+32 p. il. 4° 4527 Ф Рарег. \$3.00.
 - NASA technical report R (series).

NAS 1.2: (nos.)

- 371. Subsystem radiation susceptibility analysis for deep-space missions [with lists of references]; by William S. West [and others]. Nov. 1971. cover title, xiii+167 p. il. 4° Φ Paper, \$3.00. 4528
- 4529
- 372. Analysis of selected deep-space missions [with lists of references]; by William S. West, J. Michael L. Holman, and Herbert W. Bilsky. Nov. 1971. cover title, x+120 p. il. 4° Φ Paper, \$3.00.
 379. Numerical method of calculating boundary-induced interference in slotted or perforated wind tunnels of rectangular cross section [with list of references]; by James D. Keller and Ray H. Wright. Nov. 1971. cover title, [1]+20 p. il. 4° Φ Paper, \$3.00. 4530
- 4531 Scientific and technical aerospace reports, semiannual indexes, v. 9, no. 1-12, Jan.-June 1971. June 30, 1971. * Paper, \$5.25 per set of 2 volumes, • Item 830-K

L.C. card 64-39060

NAS 1.9/5: 9/1-12/sec.1,2

- sec. 1. Subject index. iv+631 p. 40
- sec. 2. Personal author, corporate source, contract number, report/accession number, accession/report number indexes. [490] p. 40
- NOTE .- Also sold on subscription. * Paper, \$23.00 a year; \$5.75 additional for foreign mailing.
- 4532 Selling to NASA. Sept. 1971. cover title, [3]+52 p. il. 4° (NASA NHB 5100.1A) † • Item 830-C NAS 1.2: Se 4/971

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

- 4533 Contents and price list for microfilm publication M804, Revolutionary War pension and bounty land warrant application files A-K. 1971. [1]+31 GS 4.20/2: M804
- 4534 -M805, selected records from Revolutionary war pension and bounty land warrant application files, A-M. 1971. [1] +13 p. 4° GS 4.20/2: M 805

General information leaflet.

4535 3. Select list of publications of National Archives and Records Service. [1971.] [2]+42 p. narrow 8° ([72-7.]) † • Item 569 GS 4.22:3/2

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

Building science series. • Item 214-A

C 13.29/2:(nos.)

- 39. Use of computers for environmental engineering related to buildings, proceedings of symposium sponsored by National Bureau of Standards, American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., and Automated Procedures for Engineering Consultants, Inc., Gaithersburg, Md., Nov. 30-Dec. 2, 1970 [papers with bibliographies]; edited by T. Kusuda. Oct. 1971. xiv+812+[1] p. il. * Cloth, \$7.75 (8/N 0303-0926).

 1 L.C. card 70-177420

 40 Engineering expects of 1971 San Fernando carthoneka [with lists of reference.] 4536
- 40. Engineering aspects of 1971 San Fernando earthquake [with lists of references; by] H. S. Lews, E. V. Leyendecker, and R. D. Dikkers, Dec. 1971. vii+412 p. ii. 4° [Text on p. 3 of cover.] * Paper, \$3.00 (S/N 0303-4537 0940) L.C. card 70-186531
 - Federal information processing standards publication, FIPS pub. [Issued with perforations.] * Paper, \$12.00 (including all new FIPS publications and supplements for an indefinite period), \$3.00 additional for foreign mailing; single copies vary in price. • Item 248-D
- 4538 19. Guidelines for registering data codes, Federal general data standard representations and codes. Feb. 1, 1972. cover title, 7 p. 4° [Text on p. 2 of cover.] * Paper, 20c.

ΦFor Sale by National Technical Information Service, Springfield, VA 22151 Sent to Depository Libraries

Handbook.

44. Specifications, tolerances, and other technical requirements for commercial weighing and measuring devices as adopted by National Conference on Weights and Measures. 4th edition. [Nov. 1971.] [222] p. [Issued in looseleaf form, with marginal index tabs on cardboard showing division titles. Supersedes Handbook 44, 3d edition.] * Paper, \$2.00 (8/N 0303-0894).

Item 245

C 13.11: 44/4 4539

Monograph.

122. Mechanics of pneumatic tires [with lists of references; by] Samuel K. Clark, editor. Nov. 1971. x+844+[1] p. il. [Prepared for Office of Vehicle Systems Research, Institute for Applied Technology in fulfillment of NBS contract CST-386 funded by National Highway Traffic Safety Administration, Transportation Dept. through NBS interagency agreement FH−11-6090.] *Cloth, \$4.75. ■ Item 247-A
L.C. card 70-611535 C 13.44:122 4540

Special publications. • Item 247 C 13.10:(nos.)

300. Precision measurement and calibration, selected NBS papers [with bibliographies]: v. 7, Radiometry and photometry; H. K. Hammond III, and H. L. Mason, editors. Nov. 1971. xix+666+[1] p. ii. 4° [Compilation of previously published papers by staff of National Bureau of Standards, including selected abstracts by NBS and non-NBS authors. Issued in 12 volumes. Includes official SI unit names and symbols list on p. 3 of cover.]

**Cloth, \$7.00.
L.C. card 68-60042

356. Damage in laser materials, 1971, proceedings of symposium sponsored by American Society for Testing and Materials and by National Bureau of Standards, May 19-20, 1971, NBS, Boulder, Colo. [with lists of references]; edited by Alexander J. Glass and Arthur H. Guenther. Nov. 1971. xii+164+[1] p. ii. 4° * Paper, \$1.50 (S/N 0303-0934). 4541

4542

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

4543

4544

4546

4547

35c.
613. Martensite transformation detection in cryogenic steels (magnetometer development) [with list of references; by] F. R. Fickett. Dec. 1971. iii+28+[1] p. il. 4° [Sponsored under project order 1-8022 by Naval Air Engineering Center, Philadelphia, Pa.] * Paper, 40c.
707. Three-year inspection of nature-tone porcelain enamels on steel [with list of references; by] M. A. Baker. Dec. 1971. iii+14+[1] p. il. 4° * Paper, 30c.
708. Interlaboratory evaluation of smoke density chamber [with list of references; by] T. G. Lee. Dec. 1971. iv+78+[1] p. il. 4° * Paper, 75c.
711. Measures for air quality, annual report, FY 1971; [by] J. R. McNesby and R. Byerly, jr. Jan. 1972. [4]+73+[1] p. il. 4° [Includes list of publications.] * Paper, 70c. 4548

4549 4550

4551

Voluntary product standard PS (series). ([Office of Engineering Standards Service.])

36-70. Body measurements for sizing of boys' apparel. [Dec. 1971.] v+19 p. [Effective Oct. 10, 1970.] * Paper, 35c. ● Item 243 C 13.20/2: 36-70 4552

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

NCI monograph.

4553

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

4545

4554 Partial bibliography on type-B and type-C viruses in relation to animal neoplasia, covering period of Jan. 1967-Dec. 1970. [1971.] [5]+103 p. 4°
(Information Unit, Program Analysis & Communication Office, Viral Oncology Program, Etiology.) ↑ ● Item 507-G-3

HE 20.3165: V 81/967-70

Proceedings of Chemotherapy conference on: 1, Mithramycin (mithracin), development and application, 2, symposium on theory of testicular neoplasms, Nov. 5, 1970 Bethesda, Md. [with lists of references]; edited by Stephen K. Carter and Michael A. Friedman. [1971.] iii+144 p. il. 4° (Cancer Therapy Evaluation Branch.) † HE 20.3152: M 69

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

Report HSRD (series).

71-20. Catalog of health services research, abstracts of public and private projects 1967-70. Aug. 1971. [46] p. 4° (DHEW publication 72-3009; Science Information Exchange, Smithsonian Institution.) [Contract HSM 110 70 369.] ◆ Paper, \$3.00. ■ Item 491-B-2
L.C. card 72-600718 HE 20.2110: 71-20

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

4557 Activities report fiscal year 1971. [1971.] cover title, vi+35 p. il. 4° (DHEW publication (HSM) 72-1202.) † ● Item 508-A-1

HE 20.2201:971

Vital and health statistics: Series 3, Analytical studies. • Item 500-E HE 20.2210:(nos.)

- 4558
 15. Trends in prematurity, United States, 1950-67; [with list of references; by Helen C. Chase and Mary E. Byrnes]. Jan. 1972. iv+51 p. il. 4° (DHEW publication (HSM) 72-1030.) * Paper, 55c. L.C. card 70-610274
 - Series 10, Data from National Health Survey.
- 4559
 64. Persons hospitalized by number of hospital episodes and days in year, United States, 1968 [with list of references; by Gary E. Blanken]. Dec. 1971. iv +56 p. il. 4° (DHEW publication (HSM) 72-1029; [Division of Health Interview Statistics].) [Prepared in cooperation with Bureau of Census.] * Paper, 60c.
 L.C. card 77-610276
- 4560
 65. Convalescence at home following hospitalization among persons 55 years of age and older, United States, July 1966—June 1967 [with list of references; by Geraldine A. Gleeson and Dennis Ruggles]. Jan. 1972. iv+56 p. il. 4° (DHEW publication (HSM) 72-1032; [Division of Health Interview Statistics].) [Prepared in cooperation with Census Bureau.] * Paper, 60c. L.C. card 70-610277
 - --- Series 11, Data from National Health Survey.
- 4561 108. Parent ratings of behavior patterns of children, United States [with list of references]; by Jean Roberts and James T. Baird, jr. Nov. 1971. iv+57 p. il. 4° (DHEW publication (HSM) 72-1010. [Division of Health Examination Statistics].) [Prepared in cooperation with Bureau of Census.]

 * Paper, 50c.

amination Statistics].) [Frepared in cooperation with Bureau of Census,]

* Paper, 50c.
L.C. card 74-610278

4562

109. School achievement of children by demographic and socioeconomic factors,
United States [with list of references; by K. Warner Schaie and Jean
Roberts]. Nov. 1971. iv+88 p. il. 4° ([DHEW publication (HSM) 721011; Division of Health Examination Statistics.]) [Prepared in cooperation with Bureau of Census.]

* Paper, \$1.00.
L.C. card 78-610279

110. Intellectual development of children by demographic and socioeconomic factors, United States [with list of references; by Jean Roberts]. Dec. 1971.

cover title, [2] + ii + 71 p. il. 4° ([DHEW publication (HSM) 72-1012;
Division of Health Examination Statistics.]) [Prepared in cooperation with Bureau of Census.] * Paper, 70c.

L.C. card 72-610280

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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.

- Fair hearings in public assistance, Jan.-June 1970. Nov. 10, 1971. [3]+13 p. 4564 4° (DHEW publication SRS 72-03257; NCSS report E-8 (1-6/70).) HE 17.644:970
- Findings of 1971 AFDC study: pt. 2, Financial circumstances. Jan. 12, 1972. 4565 [70] p. (DHEW pub. (SRS) 72-03757; NCSS report AFDC-2 (71).) † HE 17.639/3: 971/pt.2 • Item 512-D-5

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

4566 Drug abuse prevention materials for schools. [1971.] 48 p. il. 4° (Special Action Office for Drug Abuse Prevention.) * Paper, 50c. (S/N 1724-PrEx 13.2: D 84 0177). • Item 831-C-5

NATIONAL CLIMATIC CENTER, Commerce Dept. Washington, DC 20230

Instructions for completing high altitude meteorological data forms and 4567 details of publications format. Revised July 1971. [1971.] [2]+ii+17 +A-25 p. il. 4° (World Data Center A: Meteorology.) C 55.280: inst.

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

4568 Renwick Gallery, national showcase for creative achievements of designers and craftsmen of United States; [poster]. [1971.] 57.7 x 30 in. * Paper, SI 6.9: R 29 30c. (S/N 4700-0208).

NATIONAL GALLERY OF ART, Smithsonian Institution Washington, DC 20560

Extension Service catalog. [1971.] cover title, [20] p. il. oblong 24" [Text 4569 SI 8.2: Ex 8 on p. 3 of cover.] † • Item 917

NATIONAL GUARD BUREAU, Defense Dept. Washington, DC 20310

NGB pamphlet. 4570 D 12.8: 37-108/ch.1

NATIONAL HEART AND LUNG INSTITUTE, Health, Education, and Welfare Dept., Bethesda, MD 20014

4571 National conference on research animals in medicine, Jan. 28-30, 1972, sponsored by Medical Devices Application Program, National Heart and Lung Institute, Washington, D.C., Jan. 28-30, 1972, official program and abstracts. [1972.] cover title, ix+99 p. 4° ([DHEW publication (NIH) HE 20.3202: An 5/972 • Item 507-E-1 72-181.]) † • Item 507-10-1
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NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION, Transportation Dept., Washington, DC 20591

- Basic training program for driver license examiner: Instructor's lesson plans; prepared by Technical Education Research Center, Urbana-Champaign, Ill. [1971.] [1]+ix+284+[10] p. 4° (DOT HS-800 577.) [Contract FH-11-7537.] * Paper, \$2.50 (S/N 5003-0049). Item 982-D-3
- Consumer aid series. Item 982-D-9 TD 8.14/2: v. (nos.)/pt. (nos.) 4573 v. 2, pt. 1. Brakes, comparison of braking performance for 1972 passenger cars
- v. 2, pt. 1. Brakes, comparison of braking performance for 1972 passenger cars and motorcycles. Nov. 1971, cover title, 42 p. il. oblong 12° [Compiled from data furnished by vehicle manufacturers.] * Paper, 50c. 4574

 v. 2, pt. 2. Tires, comparison of tire reserve loads for 1972 passenger cars. comparison of tire reserve loads for 1972 passenger cars.
- v. 2, pt. 2. Tires, comparison of tire reserve loads for 1972 passenger cars, compiled from data furnished by vehicle manufacturers. [1971.] cover title, 40 oblong 12° * Paper, 45c.
- v. 3, no. 1. Performance data, new 1972 passenger cars and motorcycles, compiled from data furnished by vehicle manufacturers. Nov. 1971, cover title, xxiv+246 p. il. oblong 12° [Text on pt. 2 of cover.] * Paper, \$2.00. Item 982-D-6 TD 8.14:3/1
- 4576 Federal motor vehicle safety standards and regulations, supp. 7, Dec. 22, 1971. [1971.] [18] p. il. 4° [Issued in looseleaf form.] * Paper, \$8.00 (including basic manual and supplementary material for an indefinite period); \$2.00 additional for foreign mailing. Item 982–D-3

 TD 2.206: M 85/969–2/supp.7
- 4577 Supp. 8, Dec. 22, 1971. [1971.] [15] p. 4° [Issued in looseleaf form.]

 * Paper, \$8.00 (including basic manual and supplementary material for an indefinite period); \$2.00 additional for foreign mailing. Item 982–D-3

 TD 2.206: M 85/969-2/supp.8
- 4578 —— Supp. 11, Jan. 6, 1972. [1972.] [40] p. il. 4° [Issued in looseleaf form.]

 * Paper, \$8.00 (including basic manual and supplemental material for an indefinite period); \$2.00 additional for foreign mailing Item 982-D-3

 TD 2.206: M 85/969-2/supp.11
- Patient handling manual for emergency medical technicians, ambulance; [prepared by Karen Bratsenis, Arlene Cleven, and Richard Warner, Dunlap & Associates, Inc., Darien, Conn.]. Jan. 1, 1971. cover title, xi +123 p. il. [Prepared under contract FH-11-7475.] * Paper, 60c.

 Item 982-D-3
- Selection and training of school bus drivers [with list of literature cited; by A. James McKnight, Carolyn M. McClelland, and Mary E. Berry].

 [1971.] cover title, [1]+x+241 p. il. 4° [Prepared under contract FH-11-7339.] *Paper, \$2.00 (S/N 5003-0043). Item 982-D-1

 L.C. card 72-600814

 TD 8.2; D 83/3
- 4581 Telemetry and physician/rescue personnel communication. Sept. 1971. cover title, xi+204 p. il. 4° (DOT HS-800 602.) † Item 982-D-1 TD 8.2: T 23
- 4582 What to buy in child restraint systems. [Dec. 1971.] [16] p. il. * Paper, 20c. (S/N 5003-0052). Item 982-D-1 TD 8.2: C 43

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

4583 Evaluation of hemodialyzers, report of hemodialyzer evaluation study group for artificial kidney-chronic uremia research and development program. [1971.] xiii+84 p. il. 4° (DHEW publication no. (NIH) 72-103.) * Paper, \$1.00. ● Item 507-A-25 HE 20.3302: H 37

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

Child health and human development, research progress, report; [scientific editor, Georgia Perkins Reaser]. [1971.] iv+60 p. il. oblong 8° (DHEW publication (NIH) 72-39.) * Paper, \$1.00 (S/N 1724-0171). • Item 506-D-2

NATIONAL INSTITUTE OF DENTAL RESEARCH, Health, Education, and Welfare Dept., Bethesda, MD 20014

4585 Summer research opportunities for dental students, 1972. [Revised Nov. 1971.] [1971.] [2] p. narrow f° folded into 48° size. ([DHEW publication (NIH) 72–107.]) † ● Item 507–0–1 HE 20.3402: Su 6/972

NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES, Health, Education, and Welfare Dept., Bethesda, MD 20014

- Mechanization, automation, and increased effectiveness of clinical laboratory, status report; by Automation in Medical Laboratory Sciences Review Committee. 1971. [1]+78 p. 4° (DHEW publication (NIH) 72–145.) ↑ Item 497-C-1 HE 20.3452: C 61
- Microbial toxins, status of research in microbiology, report by Microbiology
 Training Committee of National Institute of General Medical Sciences,
 National Institutes of Health. 1971. [3] + ii + 24 p. (DHEW publication
 (NIH) 72-144.) † Item 497-C-1 HE 20.3452: M 58

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

- Bulletin of suicidology, no. 8, fall 1971 [with lists of references; H. L. P. Resnik, editor]. [1971.] cover title, [1]+109 p. 4° (National Clearinghouse for Mental Health Information.) *Paper, \$1.00 (S/N 1724-0141). Item 507-B-4
- 4589 Guidelines for presenting social seminar. [1971.] [2]+9 p. 4° ([DHEW publication (HSM) 72-9065.]) * Paper, 20c. (S/N 1724-0180). Item F507-B-10 HE 20.2408: So 1
- Innovations, mental health services, progress report no. 2 [articles]. 1971.
 [3]+47 p. 4° (DHEW publication (HSM) 72–0938. [Division of Mental Health Service Programs.]) * Paper, 50c. (S/N 1724–0182). Item 507–B-14
- Mental health services for American Indians and Alaskan natives. [Aug. 1971.] 2 p. 4° folded into oblong 48° ([HEW publication (HSM) 72-9002.]) † Item 507-B-5 HE 20.2402: In 2
 - Mental health statistics: Series A [Mental health facility reports]. ([National Clearinghouse for Mental Health Information.]) Item 491-A HE 20.2415: A/(nos.)
- Residential treatment centers for emotionally disturbed children, 1969-70 [with list of references; by Michael J. Witkin and Mildren S. Cannon]. 1971. iv + 36 p. 4° (DHEW publication (HSM) 72-9022.) * Paper, 45c. (S/N 1724-0178).
 L.C. card 74-616472
- T.C. card 74-616472

 7. Socio-economic characteristics of admissions to outpatient psychiatric services 1969; [compiled by Nessa G. Meyer]. [1972.] [1] + iv + 40 p. ll. 4° ([Survey and Reports Section, Biometry Branch, Office of Program Planning and Evaluation; DHEW publication (HSM) 72-9045].) [Includes list of related reports.] Paper, 50c.

 L.C. card 72-600639
- Social seminar, [film] discussion guide: Brian at 17. [1971.] 20 p. il. narrow 8° ([Publication (HSM) 71-9076.]) [Prepared in cooperation with Education Office.] † Item 507-B-10 HE 20.2408/2: B 76

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- 4595 Changing. [1971.] 20 p. il. narrow 8° ([Publication (HSM) 71–9073.]) [Prepared in cooperation with Education Office.] † Item 507-B-10 HE 20.2408/2: C 36
- 4596 Community in quest. [1971.] 20 p. il. narrow 8° ([Publication (HSM) 71-9075.]) [Prepared in cooperation with Education Office.] ↑ Item 507-B-10 HE 20.2408/2: C 73
- Jordan Paul, one teacher's approach. [1971.] 20 p. il. narrow 8° ([Publication (HSM) 71-9072.]) [Prepared in cooperation with Education Office.] † Item 507-B-10 HE 20.2408/2: J 75
- 4598 News story. [1971.] 21 p. il. narrow 8° ([DHEW publication (HSM) 71–9074.]) [Prepared in cooperation with Education Office.] † Item 507–B−10 HE 20.2408/2: N 47

NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND STROKE, Health, Education, and Welfare Dept. Bethesda, MD 20014

- Biblio-profile on human communication and its disorders, capsule state-ofthe-art report with bibliography.
- 4599

 2. Ottils media: Diagnosis, therapy, and prevention and control, 400 references, 1964-70, period of search, 1967-Aug. 1970; [by Francis L. Catlin]. July 1971. [7]+47 p. 4° (DHEW publication (NIH) 72-174.) [Prepared by Information Center for Hearing, Speech, and Disorders of Human Communication, Johns Hopkins Medical Institutions, Baltimore, Md., supported by contract NIH 71-2281.] * Paper, 55c. Item 507-L-4 HE 20.3513/2: 2

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

- National Institutes of Health almanac; prepared by Office of Information, NIH. [1972.] viii+152 p. il. 4° (DHEW publication (NIH) 72-5.) †

 Item 507-A-23 HE 20.3016: 872
- 4601 National Institutes of Health, 1971 annual report, July 1, 1970-June 31, 1971. [1971.] x+61 p. (DHEW publication (NIH) 72-3.) ↑ Item HE 20.3001: 971
- Public Health Service grants and awards, fiscal year 1970 funds: pt. 3, Health Services and Mental Health Administration, and Food and Drug Administration, and Environmental Health Service: [prepared by Division of Research Grants, Statistics and Analysis Branch]. [1971.] xiii+522 p. (DHEW publication (NIH) 72-195.) * Paper, \$2.25 (S/N 1740-0324). Item 507-D HE 20.3013: 970/pt.3

NATIONAL LABOR RELATIONS BOARD Washington, DC 20570

Decisions and orders of National Labor Relations Board, v. 177, June 26–July 30, 1969. 1971. xi+982 p. * Cloth, \$8.75.
 Item 826 LR 1.8: 177

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

- Cumulated abridged index medicus, v. 2, 1971. [1971.] [4]+1128 p. 4° (DHEW publication (NIH) 72-258.) [Medical Library Association, cosponsor.] * Fabrikoid, \$10.00; \$2.50 additional for foreign mailing.

 Item 508-E-1 HE 20.3612/2-2; 2
- 4605 National Library of Medicine, 135th anniversary report, 1836–1971. [1972.] cover title, [3]+39 p. il. 4° (DHEW publication (NIH) 72–256.) [Text on p. 2-4 of cover.] †
 L.C. card 70–616412 HE 20.3602: N 21/3/896–971

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NATIONAL MARINE FISHERIES SERVICE, Commerce Dept. Washington, DC 20230

- Current fisheries statistics, C.F.S. (series). † C 55.309/2:(nos.) 5721. Gulf Coast shrimp data, reported by depth and area of capture, species, size, number of trips, and days fished, annual summary, 1970. Oct. 28, 1971.
 35 p. il. 4° [Prepared in cooperation with fishery agencies of Alabama, Florida, Louislana, Mississippi, and Texas.]
 5746. North Carolina landings, annual summary 1970. Nov. 17, 1971. 6 p. 4° (NOAA XCFSA-5746 SA-3.) [Prepared in cooperation with North Carolina Department of Conservation and Development, Division of Commercial and Sports Fisheries, Morehead City, N.C.] ● Item 610-A
 5768. South Carolina landings, annual summary 1970. Nov. 18, 1971. 4 p. 4° (NOAA XCFSA-5768 SA-4.) [Prepared in cooperation with South Carolina Wildlife Resources Department, Division of Commercial Fisheries, Chaleston, S.C.] ● Item 610-A 4606
- 4607
- 4608 Charleston, S.C.1 ● Item 610-A
- 4809 Marine fishes of North Atlantic [colored poster]. 1971. 48 x 30 in. [Designer, Wes Watanabe: illustrators, Parker Heath, Tom Kronen, and Rod Ruth.] C 55.315: F 53 * Paper, \$1.50.
 - Special scientific report: Fisheries (series).
- 631. Occurrence of thiaminase in some common aquatic animals of United States and Canada [with list of literature cited]; by R. A. Greig and R. H. Gnaedinger. July 1971. iii+7 p. 4° ‡ C 55.312: 631 4610
 - Statistical digest.
- 4611 62. Fishery statistics of United States, 1968; [prepared by Thelma I. Bell]. 1971. cover title, [1]+578 p. il. 4° [Includes list of statistical publications issued during 1968.] *Paper, \$5.00 (S/N 0320-0028). • Item 615 C 55.316: 62

NATIONAL OCEAN SURVEY, Commerce Dept. Washington, DC 20235

4612 Nautical chart catalog 3, United States, Alaska, including Aleutian Islands, charts, tide tables, coast pilots, current tables, tidal current charts. Sept. 1971. [2] p. il. oblong fo folded into narrow 8° size. O 55.418: 3/971

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, Commerce Dept., Washington, DC 20235

- 4613 Harvest of Pribilof fur seals, fact sheet. 1972. [8] p. il. 4° † C 55.2: Se 1
- NOAA, careers and challenges. [1971.] [8] p. il. 4° ([NOAA/PA 70032.]) 4614 C 55.2: C 18
 - NOAA technical report. (Environmental Research Laboratories, Boulder, • Item 208-B-7 C 55.13: (letters-nos.) Colo.)
- Application of meteorological satellite remote sensing capabilities to environmental research [with list of references; by] Vernon J. Zurick. Nov. 1971. iii+68 p. ii. 4° 4615 ERL 217-OD 7. * Paper, 65c.
- Introduction to solar terrestrial activity for geomagnetic studies; pt. 1, Sun and solar wind [with bibliography; by] W. H. Campbell. Nov. 1971. iii+14 p. ii. 4° Paper, 30c. 4616 ERL 218-ESL 18.
- Microwave emission from clouds [with lists of references; by] Ed R. Westwater. Jan. 1972. [74] p. il. 4° ([Wave Propagation Laboratory.]) * Paper, 70c. ERL 219-WPL 18. 4617
 - (National Marine Fisheries Service, Seattle, Wash.) • Item 208-C 55.13: (letters-nos.) B_7
- 4618
- NMFS-CIRC-364. History and development of surf clam harvesting gear; by Philip S. Parker, iv+15 p. il. 4° Paper, 30c.

 NMFS SSRF 634. Age composition, weight, length, and sex of herring, Clupea pallasii, used for reduction in Alaska, 1929-68 [with list of literature cited]; by Gerald M. Reid. July 1971. iii+25 4619
 - (National Ocean Survey.)
- NOS-43. Phase correction for sun[reflecting spherical satellite; by Erwin Schmid. Aug. 1971, iii+8 p. il. 4° (Geodetic Research and Development Laboratory, Rockville, Md.) * Paper, 25c. (S/N 0321-0004). Item 208-B-7 4620

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NATIONAL OCEANOGRAPHIC INSTRUMENTATION CENTER, Commerce Dept., Washington, DC 20390

Instrument fact sheet IFS (series).

4621 72002. Model DE-179, Fathometer Depth Recorder, Raytheon Company, Marine Products Operation, Manchester, N.H. Nov. 1971. 8 p. il. 4º [Issued with perforations.] † C 55.71: 72002

NATIONAL PARK SERVICE, Interior Dept. Washington, DC 20242

- Delaware Water Gap National Recreation Area, Pa., N.J. [Revised 1971.] [1971.] [2] p. il. oblong large 8°, folded into narrow 24° size † I 29.39: D 37/971
- Estatua de la Libertad, Monumento Nacional, [Isla de la Libertad], N.Y.
 [1971.] [8] p. il. narrow 8° † I 29.21: St 2/6/971/Spanish
- 4624 Fort Donelson National Military Park, Tenn. [1971.] [2] p. il. large 8° folded into narrow 24° size † Item 650 I 29.21: F 77 d/3/971
- 4625 Fort Union Trading Post National Historic Site, N. Dak. [Revised 1972.]
 [1972.] [2] p. ii. oblong large 8° folded into narrow 24° size. † Item
 650 I 29.21: F 77 u/3/972
- 4626 History of The Mall, Washington, D.C. [with bibliography]; by George J. Olszewski. Mar. 1970. [1] +ix+116 p. il. 32 pl. 4° (Office of History and Historic Architecture, Eastern Service Center, Washington, D.C.) ‡ L.C. card 77-614886 I 29.2: M 29/2
- NEED [National environmental education development]. [1971.] [6] p. il. narrow 8° † Item 648 I 29.2: N 28

NATIONAL PORTRAIT GALLERY, Smithsonian Institution Washington, DC 20560

James Weldon Johnson, 1871–1938 [with list of references for historical background]. [1971.] cover title, [12] p. il. 4° [Prepared as supplement for teachers and students to exhibit mounted at National Portrait Gallery, June 15, 1970–June 1, 1971. Includes list of books by James Weldon Johnson. Text on p. 3 and 4 of cover. Contains copyright material.]

* Paper, 50c.
L.C. card 72–600709

NATIONAL SCIENCE FOUNDATION Washington, DC 20550

- 4629 Guide to programs, National Science Foundation, fiscal year 1972. [1971.]
 vi+80 p. il. 4° ([NSF 71-72.]) * Paper, 75c. (S/N 3800-0107). Item
 984-P
 NS 1.20: P 94/972
- Oceanographic atlas of international Indian Ocean expedition [with list of references]; by Klaus Wyrtki, with assistance of Edward B. Bennett and David J. Rochford. [Nov. 1971.] xi+531 p. il. 1 p. overlay, oblong f° [Prepared under grant GP-5463, GA 1279, GA10277 by University of Hawaii, Honolulu, Hawaii. Some illustrations are colored.] * Cloth, \$30.00 (S/N 3800-0104). Item 834-C
 L.C. card 73-654319
- 4631 Report to the President and Congress: Federal support to universities, colleges, and selected nonprofit institutions, fiscal year 1970. [1971.] x+105 p. il. oblong 8° (NSF 71-28.) * Paper, \$1.25 (S/N 3800-0106).

 Item 834-N-1 NS 1.30: 970

NATIONAL TECHNICAL INFORMATION SERVICE, Commerce Dept. Springfield, VA 22151

1970 census of population, microfiche, final reports, general social and economic characteristics PC(1)-C series, microfiche order form. [Aug. 1971.]
[8] p. narrow 8° ([Form BC-2217.]) † C 51.11: P 81/970-6

 ΦFor Sale by National Technical Information Service, Springfield, VA 22151

 ■Sent to Depository Libraries

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

- Address by John H. Reed, Chairman, National Transportation Safety Board, before 57th annual meeting, American Association of State Highway Officials, Miami Beach, Fla., Dec. 8, 1971. 1971. [1]+7 p. 4° †
 TD 1.110: R 25/20
- 4634 Isabel A. Burgess, member of Board, National Transportation Safety Board, addressing luncheon meeting of Cleveland Men's Club of Washington, D.C., National Aviation Club, Washington, D.C., Dec. 15, 1971. [1971.] [1]+10 p. 4° † TD 1.110: B 91/7
- Safety potential inherent with RNAV, remarks by John H. Reed, Chairman, National Transportation Safety Board, prepared for delivery before FAA symposium on area navigation, Washington, D.C., Jan. 24, 1972. [1972.]

 [1] +4 p. 4° † TD 1.110: R 25/21

NATIONAL WEATHER SERVICE, Commerce Dept. Washington, DC 20235

- 4636 Hydrologic services course. Dec. 1971. [268] p. il. 4° [Issued with perforations.] † C 55.108: H 99
- 4637 Operations of National Weather Service. Oct. 1971. xi+231 p. il. 4° ↑

 Item 278-B

 C 55.111: 971

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

Design manual DM (series).

- 4638 25. Waterfront operational facilities [with bibliography]. [Revised edition.] Oct. 1971. [271] p. il. 4° (NAVFAC DM-25.) [Includes publication transmittal. Issued in looseleaf form. Supersedes NAVDOCKS DM-25 Nov. 1961 and Feb. 1962, and all Changes 1-4, Apr. 1963—Feb. 1968.] * Paper, \$3.00 (S/N 0850-0090). Item 418-A
- Navy self-help program, self-help partitions and/or prefabricated partitions. Sept. 1971. viii+49 p. il. 4° (NAVFAC P-419.) [Issued in loose-leaf form.] * Paper, 75c. (S/N 0850-0088). Item 418-A D 209.14: P 25

NAVAL OBSERVATORY, Defense Dept. Washington, DC 20350

- Air almanac, 1972, May-Aug. 1972. [1971.] 243-490+F4+A84 p. il. 4° [Text on p. 2-4 of cover. The F4 pages of collation consist of Navigational star chart mounted on cloth, with Stars, May-Aug. 1972. Interpolation of G.H.A., Interpolation of moonrise, moonset, and Star index on verso. Produced jointly by Nautical Almanac Office, Royal Greenwich Observatory, and by Nautical Almanac Office, U.S. Naval Observatory. Printed separately in England and United States.] * Stiffboard, \$4.25. Item 393

 L.C. card 52-61239

 D 213.7: 972/2
- Nautical almanac for [calendar] year 1973; issued by Nautical Almanac Office. 1971. A2-A4+276+xxxv p. [Page A2 and xxxv are printed on inside of front and back covers. Altitude correction tables 10°-90°, sun, stars, planets and Index to selected stars also issued. Produced jointly by H. M. Nautical Almanac Office, Royal Greenwich Observatory and by Nautical Almanac Office, U.S. Naval Observatory. Printed separately in United States and England.] * Stiffboard, \$4.50. Item 395

 L.C. card 7-35404

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

March 1972

NAVAL OPERATIONS OFFICE, Defense Dept. Washington, DC 20390

History of Naval Weapons Center, China Lake, Calif.: v. 1, Sailors, scientists, and rockets, origins of Navy rocket program and of Naval Ordnance
Test Station, Inyokern [with bibliography]; by Albert B. Christman.
1971. xxiii+303 p. il. 4° (Naval History Division.) [With introduction by Albert B. Christman.] * Cloth, \$4.75. ■ Item 399-A
L.C. card 75-173042 D 207.10/2: N 22/3/v.1

NAVAL PERSONNEL BUREAU, Defense Dept. Washington, DC 20390

- 4644 Aviation structural mechanic H 1 & C [with reading list; prepared by Navy Training Publications, NAS Memphis, Millington, Tennessee]. [1971 edition.] [1971.] cover title, iv+447 p. il. 4° (Rate training manual; NAVPERS 10313-B.) ‡ Item 404
 L.C. card 72-600583 D 208.11: Av 5/36/971
- 4645 Bureau of Naval Personnel manual, change 1/72. Jan. 1972. [182] p. 4° (NAVPERS 15791B.) [Issued in looseleaf form.] * Paper, \$8.50 (including basic manual and supplementary material for an indefinite period); \$2.00 additional for foreign mailing. Item 403-A D 208.6/2: 969/ch.1/72
- 4646 Construction mechanic 3 & 2; [prepared by Training Publications Division, Naval Personnel Program Support Activity]. [1st edition 1948, revised 1966.] [1971.] cover title, iv+485 p. il. 4° (Rate training manual; NAVPERS 10644-F.) ‡ Item 404 D 208.11: M 46/2/971
- Steelworker 1 & C; [prepared by Training Publications Division of Naval Personnel Program Support Activity, Washington, D.C.]. [1st edition 1950, revised 1971.] [1971.] cover title, iv+211 p. il. 4° (Rate training manual; NAVPERS 10654-D.) ‡ Item 404 D 208.11: St 3/971

NAVAL RESEARCH OFFICE, Defense Dept. Washington, DC 20390

- 4648 Naval Training Device Center, index of publications. Revised July 1971.
 cover title, [158] p. 4° (NAVTRADEV P-1480.) [Issued with perforations. Supersedes issue of July 1970.] ‡ D 210.14/2: P 96/971
- NRL reports. (Naval Research Laboratory.)

 D 210.8:(nos.)

 7301. Demonstration of collisionless interactions between counterstreaming ions in laser-produced plasma experiment [with list of references: by] Stephen O. Dean. Sept. 17, 1971. cover title, ii+44 p. iil. 4° [NRL problem H02-27B, project HX 607.01.]

 Paper, \$3.00 (AD 731373).
- 7309. On class of optimal search problems [with list of references; by] W. W. W. Willman. Sept. 28, 1971. cover title, 1+14 p. il. 4° [NRL problem B01-10; project 003-02-41-6152.]

 4650 Paper, \$3.00 (AD 731678).
- 7331. Array beamforming response studies [with list of references; by] George W. Byram, George V. Olds, and Leon P. LaLumiere. Oct. 14, 1971. cover title, ii+22 p. il. 4° [NRL problem S01-39; project RF 05-552-403-4069.]

 Paper, \$3.00 (AD 732002).

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION, Labor Dept., Washington, DC 20210

NOTE.—The Occupational Safety and Health Administration was established within the Department of Labor by Public law 91-596, approved Apr. 28, 1971.

4652 Compliance operations manual, Jan. 1972, manual of guidelines for implementing Occupational safety and health act of 1970; [prepared by Office of Compliance]. [1972.] [252] p. 4° (OSHA-2006.) [Issued with perforations.] *Paper, \$2.00. ● Item 764-D L 35.8: C 73

 ΦFor Sale by National Technical Information Service, Springfield, VA 22151
 ◆Sent to Depository Libraries

OCEANOGRAPHER OF NAVY, OFFICE OF, Defense Dept. Washington, DC 20390

Pamphlet.

4653

42. Oceanographic ship operating schedules, July-Dec. 1971. June 1971. cover title, xi+87 p. il. 1 pl. 4° ‡

D 218.9:42

OUTDOOR RECREATION BUREAU, Interior Dept. Washington, DC 20240

4654 Addicks-Barker Reservoirs, an opportunity. [1972.] [4]+16+[5] p. il. oblong 8° * Paper, 25c. ● Item 657-B-1 I 66.2: Ad 2

PATENT OFFICE, Commerce Dept. Washington, DC 20231

Classification definitions, established by Office of Search Systems and Documentation. [Issued with perforations.]

class 260. Chemistry, carbon compounds; revised by Office of Search Systems and Documentation. Revision 2. Oct. 1971. [2]+13+136 p. il. 4°
[Original classification by M. C. Rosa. Subsequent revision by E. M. Fink and others.] † Paper, \$1.75. • Item 252

C 21.3/2: 260/rev.2

Consolidated listing of recent Official gazette notices re Patent Office practices and procedures. [1972.] 64 p. 4° [Compilation of more important notices and rules changes which have been published in Official gazette from July 1, 1964, through Dec. 31, 1971.] †

C 21.5/a 5: N 845/971

- Guide for patent draftsmen, selected rules of practice relating to patent drawings. [Revised 1971.] [1971.] cover title, 19 p. il. 4° * Paper, 30c.
 Item 254-A
 C 21.14/2: D 78/971
- 4658 Q & A about patents, answers to questions frequently asked about patents. [1972.] 14 p. il. † Item 254 C 21.2: P 27/9/972

PRESIDENT OF UNITED STATES Washington, DC 20501

- Big city schools in America, views of superintendents and school board presidents; by Joseph C. Kennedy. [1972.] [1]+v+[1]+57 p. 4° (President's Commission on School Finance.) [Survey conducted in cooperation with Mark Battle Associates, Inc.]

 L.C. card 72-600682

 Pr 37.8: Sch 6/C 49
- Economic report of the President, transmitted to Congress Jan. 1972, together with annual report of Council of Economic Advisers. 1972. iii+304 p. ii. [Also issued as H. doc. 228, 92d Congress, 2d session.] * Paper. \$1.50. Item 848 Pr 37.9:972
- Entering era of human ecology, MR71, [report of] President's Committee on Mental Retardation. [1972.] cover title, 32 p. il. 4° ([DHEW publication (OS) 72-7.]) [Text on p. 3 of cover.] † President's Committee on Mental Retardation, Washington, DC 20201. Item 851-J Pr 36.8: R 29/971
- Free and freedom schools, national survey of alternative programs, report to President's Commission on School Finance [with bibliographies]; by Bruce S. Cooper. Nov. 1971. cover title, iv+138 p. il. 4° ‡ Item 851-J L.C. card 72-600624 Pr 37.8: Sch 6/Sch 6
- 4663 Memoranda for President of United States, establishment of Department of Natural Resources, organization for social and economic programs, submitted by President's Advisory Council on Executive Organization.

 [1971.] vii+160 p. il. 4° * Paper, \$1.25. Pr 37.8: Ex 3/N 21

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MARCH 1972

4664	70 - 1 - 4 - 1 - 0	
1001	Review of existing State school finance programs:	v. 2, Documentation of
	disparities in financing of public elementary and	d second school systems.
	by State; prepared by Commission staff. [1972.]	ii+218 n. il., ohlong 120
	([President's Commission on School Finance.])	‡ • Item 851-J
	L.C. card 72-600535	Pr 37.8: Sch 6/St 2/v 2

PUBLIC DOCUMENTS DEPARTMENT, Government Printing Office Washington, DC 20402

	Price list PL (series). † • Item 554	GP 3.9:(nos.)
4665	36. Government periodicals and subscription services; F	ah 1979 145th adition
1000	[1972.] [2] +42 p.	cb. 15.2. 145th edition.

51A. Diseases and physical conditions, alcoholism, dentistry, drugs and narcotics addiction, smoking, and vital and health statistics; Dec. 1971. 19th edition. [1971.] [4] - 52 p.
 55. Smithsonian Institution National Museum and Indians; Jan. 1972. 43d

4667 edition. [1972.] [4]+15 p.

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

Health information series. • Item 486 HE 20.10: (nos.) 4668

114. Mental retardation, its biological factors, hope through research; [prepared by Information Office, National Institute of Neurological Diseases and Stroke]. [Revised 1972.] [1972.] 23 p. il. narrow 8° * Paper, \$18.75 per 100; single copy, 25c. (S/N 1749-0022).

139. Dizziness, including Meniere's disease, hope through research; [prepared by Information Office, National Institute of Neurological Diseases and Storek, National Institute of Heurological Diseases and Storek, National Institutes of Health]. [Revised 1971.] [1971.] 22 p. il. narrow 8° ([DHEW publication (NIH) 72-76.]) * Paper, \$18.75 per 100 copies; single copy, 25c. (S/N 1749-0019). 4669

4670 Television and growing up, impact of televised violence, report to Surgeon General of Public Health Service from Surgeon General's Scientific Advisory Committee on Television and Social Behavior [with bibliographies]. [1972.] ix+279 p. il. 4° * Paper, \$2.25 (order no. HE 20.2402: • Item 485 L.C. card 72-600612 -HE 20.2: T 23

RADIATION PROGRAMS OFFICE, Environmental Protection Agency Rockville, MD 20852

ORP/SID [Surveillance and Inspection Division] (series.) 71-1. Radioactive waste discharges to environment from nuclear power facilities addendum-1 to BRH/DER 70-2 [with list of references; by] Joe H. Logsdon and Thomas L. Robinson. Oct. 1971. vili+29+[1] p. il. 40 Paper, \$3.00. Item 483-M EP 6.10/2: 71-1 4671

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

BRH/DEP (series). 72-6. Evaluation of S.S. White Panorex X-ray machine [with list of references; by] Arnold F. Jacobsen, John P. Ferguson. Dec. 1971, xi+54+[2] p. il. 4° (DHEW publication (FDA) 72-8020.) Paper, 65c. 1tem 4672 468-A-5 HE 20.4110: 72-6

BRH/DMRE (series). 72-4. Afterloading in radiotherapy, proceedings of conference held in New York
City, May 6-8, 1971 [with lists of references]; edited by Norman Simon.
Dec. 1971. xiv+504+[2] p. il. 4° (DHEW publication (FDA) 728024.) [PHS contract 68-05-0001, Radiation research fund 85-9900 of
Mount Sinal School of Medicine.] * Paper, \$3.75. Item 483-M
L.C. card 72-600817 4673

RAILROAD SAFETY BUREAU, Transportation Dept. Washington, D.C. 20591

NOTE.—The Railroad Safety Bureau was established under the Federal Railroad Administration of the Transportation Department by Public Law 89-670, approved Oct. 15, 1966.

Railroad accident investigation: Report. 4674 4175. Norfolk and Western Railway Company, Finney, Va. Aug. 25, [3] +12 p. il. † 1970. [1971.

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>
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GOVERNMENT PUBLICATIONS

- Railroad accident investigation: Summary report. † TD 3.110/2:(nos.)

 11. Penn Central Transportation Company, Ravenna, Ohio, Aug. 21, 1970. [1971.]

 5 p. 4°
- Penn Central Transportation Company, North Manchester, Ind., Mar. 26, 1971. [1971.] 6 p. il. 4°

RECLAMATION BUREAU, Interior Dept. Washington, DC 20240

4677 Yellowtail [unit of Missouri River Basin project]. [1972.] [10] p. il. narrow 8° † ● Item 660 I 27.2: Y 3/5/972

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

4677A Expanded mental health care for the deaf, rehabilitation and prevention [with bibliographical notes; by] John D. Rainer and Kenneth Z. Altshuler]. [1971.] cover title, xi+71 p. il. (SRS-RSA-193-1971.) [Final report of investigation supported, in part, by demonstration grant RD-2128-S, from Division of Research and Demonstration Grants.] †

• Ietm 529

L.C. card 72-600598 HE 17.102: D 34/2 National directory of rehabilitation services, 1971. (Division of Service

Systems.)
v. 11. Region 11, New Jersey, New York, Puerto Rico, and Virgin Islands; editor
Leo A. Donn. 1971. iv+[1]+25 p. 4° [Preliminary issuance.] †
HE 17.118/2: 971/v.11

RENEGOTIATION BOARDWashington, DC 20446

4679 Renegotiation Board, 16th annual report, 1971. [1971.] cover title, [3] +18 p.

* Paper, 20c. (S/N 4200-0020). ● Item 308 RnB 1.1: 971

RURAL ELECTRIFICATION ADMINISTRATION, Agriculture Dept. Washington, DC 20250

4680 Specifications and drawings for underground electric distribution. Jan. 1972. cover title, 16+[45] p. il. 4° (REA form 806.) * Paper, 70c.

● Item 116 A 68.2: Un 2/972

SECRET SERVICE, Treasury Dept. Washington, DC 20220

4681 Report to the public: Secret Service, 1971. [1972.] cover title, [8] p. il.
narrow 8° [Text on p. 2–3 of cover.] † ● Item 974 T 34.1/2: 971

SHIP STRUCTURE COMMITTEE Washington, DC 20226

SSC (series).

Y 3.Sh 6: SSC-(nos.)

4682

221. Response of Delta test to specimen variables, final report on Project SR-186,
Delta test validation, [with list of references]; by Leon J. McGeady. 1971.
viii+42+1 p. ii. 4° [Prepared under contract N00024-69-C-5463 for
Naval Ship Engineering Center.]

Paper, \$3.00.

4683

222. Catamarans, technological limits to size and appraisal of structural design information and procedures [with list of references]; by Naresh M. Maniar and Wei F. Chiang. 1971. viii+69+2 p. il. 4° [Final report on project SR-192, Catamaran designs under Department of Navy, Naval Ship Engineering Center, contract N00024-70-C-5145.]

222. Companying transfer.

4684 223. Compressive strength of ship hull girders: pt. 2, Stiffened plates [with list of references]; by H. Becker [and others]. 1971. vi+23+2 p. 11. 4° [Final report on project SR-193, Small hull girder model under Department of Navy, Naval Ship Engineering Center, contract N00024-69-C-5413.]

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4678

MARCH 1972

SMALL BUSINESS ADMINISTRATION Washington, DC 20416

- 4685 Disaster loans, implementation of Disaster relief act of 1970. Feb. 1, 1971, [published 1972]. 5 p. 4° † Item 901-B SBA 1.2: D 63
 - Management development program, topic. ([Office of Management Assistance, Education Division.])
- 21. Merchandise control, instructor's manual [with bibliography]; by Paul A. Litecky]. [1971.] viii+67+[6] p. il. 4° * Paper, \$2.00. Item 901-8 SBA 1.24:21
 - Small business bibliography.
- 4687 58. Automation for small offices; by Frank J. Carberry. [Revised Sept. 1971.] [1971.] 12 p. 4° ↑ Item 901-K SBA 1.3: 58/3
- 4688 Starting and managing series.
 - v. 22. Starting and managing employment agency; by Maxwell Harper and Arthur R. Pell. 1971. iv+118 p. ll. (Procurement and management assistance.) [Includes list, Where to get further information.] * Paper, 70c. Item L.C. card 72-600681

SMITHSONIAN INSTITUTION Washington, DC 20560

- Atoll research bulletin.
- 150. Natural history of French Frigate Shoals, northwestern Hawaiian Islands [with list of literature cited]; by A. Binion Amerson, jr. Dec. 20, 1971.
 xv+383 p. il. 4º [Issued with assistance of Bureau of Sport Fisheries and Wildlife, Interior Dept.] † Item 910-C SI 1.25: 150
 - Smithsonian contributions to zoology. Item 910-D SI 1.27:(nos.)
- 99. Topography of cephalic musculature and nervous system of honey bee (Apis nellifera Linnaeus [with list of literature cited; by] Nabil N. Youssef. L.C. card 73-616461
- L.C. card 73-616461

 112. Mimetic relationships involving fishes of family Blenniidae [with list of literature cited; by] Victor G. Springer and William F. Smith-Vaniz. 1972.
 [3] + 36 p. il. 4° Paper, 50c. (8/N 4700-0173).

 L.C. card 72-600699
- 4692 Smithsonian year 1971, annual report of Smithsonian Institution ended June 30, 1971. 1971. vi+247 p. il. ([Publication 4767.]) [Also issued as H. doc. 209, 92d Cong., 2d sess.] * Paper, \$1.25 (S/N 4700-0179).

 Item 909

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

- 4693 Compilation of regulations published in Code of Federal Regulations: Title
 45, Public welfare, Chapter 2, Social and Rehabilitation Service (assistance programs). Revised Nov. 1971. [1972.] cover title, [154] p. 4°
 [Issued with perforations.] † Item 512-A-3 HE 17.6: So 1
- 4694 [This entry number not used.]
- 4695 Publications, Dec. 1971. ii+22 p. ((SRS) 72-02001; Office of Public Affairs.) † Item 532-A-3 HE 17.17: P.96
- 4696 Social services and related manpower, a paper; by Dorothy B. Daly Martin B. Loeb [and] Frederick A. Whitehouse. [1971.] iii+28 p. 4° ((SRS) 72-05300.) * Paper, 35c. Item 512-A-1 HE 17.2: So 1

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

- Actuarial note.
- 4697 76. Distribution of medicare benefit disbursements by type; by Russel J. Mueller and David R. McKusick. Oct. 1971. [2] p. 4° (DHEW publication (SSA) 72-11508.) † HE 3.19/2:76

 ΦFor Sale by National Technical Information Service, Springfield, VA 22151
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GOVERNMENT PUBLICATIONS

- Health insurance statistics: Current Medicare survey report, CMS (series). (Office of Research and Statistics.)
- Persons with covered hospital stays, 1968; by Robert K. Mitchel. Dec. 14, 1971, 19 p. il. 4° † 4698
- Medicare, health insurance for the aged. (Office of Research and Statistics.) ● Item 516-D
- Summary, utilization and reimbursement by person, 1966, [1971.] xvi+ 25 p. il. 4° * Paper, 55c. (S/N 1770-0163). L.C. card 72-603793 HE 3.57: 966/sec.1 4699 sec. 1.
- L.C. card 72-603793

 Summary, utilization and reimbursement by person, 1967. [1971.] xxvii + 25 p. il. 4° * Paper, 55c. (S/N 1770-0169).

 L.C. card HEW 66-36

 Participating by the state of the state o 4700 sec. 1.
- L.C. card HEW 66-36 HE 3.57: 967/sec.1 sec. 3.1. Participating hospitals, 1967. [1972.] xxix+53 p. 4° * Paper, 75c. (S/N 4701 1770-0174 HE 3.57: 967/sec.3.1 1+14 p. 4° * Paper,
- L.C. card HEW 66-36 HE 3.57:96 sec. 3.2. Participating home health agencies, 1967. [1971.] xxi+14 p. 4° 4702
- 40c. (8/N 1770-0170).

 L.C. card HEW 66-36
 sec. 3.2. Participating home health agencies, 1968. [19' xxiii+14 p. 4° Paper, 45c. (8/N 1770-0175).

 L.C. card HEW 66-36
 Participating independent laboratories, 1967. HE 3.57: 967/sec.3.2 [1971; published 1972.] 4703
- 4704
- sec. 3.3. Participating independent laboratories, 1967. [1971.] xix+11 p. 4°

 * Paper, 40c. (S/N 1770-0171).
 L.C. card HEW 66-36
 sec. 3.3. Participating independent laboratories, 1968. [1972.] xxi+11 p. 4°

 * Paper, 40c. (S/N 1770-0176).
 L.C. card HEW 66-36
 sec. 3.4. Participating extended care facilities. HE 3.57: 968/sec. 3.2 4705
- sec. 3.4. Participating extended care facilities, 1967. [1971.] xxiii+42 p. il. 4°
 Paper, 65c. (S/N 1770-0172).
 L.C. card HEW 66-36
 HE 3.57:967/sec.3.4 4706
- sec. 3.4. Participating extended care facilities, 1968. [1972.] xxv+42 p. il. 4°
 Paper, 65c. (8/N 1770-0177).
 L.C. card HEW 66-36

 HE 3.57: 968/sec.3.4 4707
 - Research and statistics note, 1971 (series). (Office of Research and Statistics.)
- 17. Historical statistics for 5 temporary disability insurance programs, 1942-69; by Daniel N. Price. Dec. 20, 1971. 18 p. 4° † HE 3.28: 971/17 4708
- Research reports. • Item 522-A HE 3.49: (nos.) 38. Older worker earnings and 1965 social security amendments [with list of literature cited]; by Wayne Vroman. [1971.] v+77 p. il. (DHEW publication (SSA) 72-11800; Office of Research and Statistics.) [Abstract on p. 2-3 of cover.] * Paper, 40c. (S/N 1770-0162). 4709
- p. 2-3 of cover.] * Paper, 40c. (8/N 1770-0162).
 L.C. card 71-174755

 39. Social security disability program, evaluation study; by Richard T. Smith and Abraham M. Lillenfeld. [1971.] xiv+297 p. il. (DHEW publication (SSA) 72-11801; Office of Research and Statistics.) [Abstract on p. 2-3 4710 of cover.] * Paper, \$1.25 (S/N 1770-0166). L.C. card 72-178032

SOIL CONSERVATION SERVICE, Agriculture Dept. Washington, DC 20250

- Early season snow report for Colorado, Jan. 1, 1972, water supply outlook, 4711 Federal-State-private cooperative snow surveys; prepared by Jack N. Washichek and Ronald E. Moreland. [1972.] 1 p. 4° (Snow Survey A 57.2: Sn 6/9/972 Unit.)
- 4712 Federal-State-private cooperative snow surveys: Fall water supply summary for Nevada, as of Oct. 1, 1971; [prepared by Donald W. McAndrew]. [1971.] cover title, [10] leaves, 4° [Prepared in cooperation with Nevada Department of Conservation and Natural Resources, Division A 57.46/14:971 of Water Resources.] İ
- Guide for interpreting engineering uses of soils [with list of literature 4713 cited]. [Nov. 1971.] cover title, [3]+87 p. il. 4° * Paper, \$2.00 (S/N A 57.6/2: So 3/2 0107-0332). • Item 120-A
- Soil survey: Eastern Fresno area, Calif. [with list of literature cited; by 4714 Gordon L. Huntington]. Oct. 1971. cover title, [2]+323 p. 119 p. of pl. and maps, 1 pl. in pocket, 4° [Prepared in cooperation with California Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$8.00. • Item 102 (Rev. 1957) L.C. card 72-600700 A 57.38: F 89

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MAROH 1972

4715 - George County, Miss. [with list of literature cited; by Rex E. Davis]. Nov. 1971. cover title, [1]+58 p. il. 44 p. of pl. and maps, 4° [Prepared in cooperation with Mississippi Agricultural Experiment Station. Text. on p. 2 of cover. One map is colored.] * Paper, \$2.75. • Item 102 (Rev. 1957)

L.C. card 70-616373

A 57.38: G 29

4716 - Lapeer County, Mich. [with list of literature cited; by Guy H. Earle, jr. and others]. Jan. 1972. cover title, i+150 p. il. 87 p. of pl. and maps, 4° [Prepared in cooperation with Michigan Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$5.75. • Item 102 (Rev. 1957) L.C. card 72-600705

A 57.38: L 31

4717 Western Riverside area, Calif. [with list of literature cited; by Arnold A. Knecht]. Nov. 1971. [1]+158 p. 233 p. of pl. and maps, 4° [Prepared in cooperation with Indian Affairs Bureau, Interior Dept., and University of California Agricultural Experiment Station. One map is colored.] * Paper, \$10.75. • Item 102 (Rev. 1957) L.C. card 72-600675 A 57.38: W 52 r

SOLICITOR, OFFICE OF, Interior Dept. Washington, DC 20240

4718 Quinquennial index-digest, decisions and opinions of Department of Interior, Jan. 1965-Dec. 1969. [1971.] cviii+501 p. 4° * Paper, \$4.25 (S/N 2400-0670). • Item 602 I 1.69/2: 965-69

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

Refuge leaflet.

4720

4719 411. Directory of national wildlife refuges. [Revised edition.] [Jan. p. il. 4° † ● Item 612-C an. 1972.1 16 I 49.44:411/3

Resource publications. • Item 613-B I 49.66: (nos.)

Resource publications. ● Item 613-B

I 49.66:(nos.)
B. Ecological factors affecting waterfowl production in Alberta parklands [with list of references]; by Allen G. Smith. 1971 [published 1972]. iv +49 p. il. 4° * Paper, 55c. (S/N 2410-0267).
102. Report of 1970 workshop on fish feed technology and nutrition [with lists of references]; edited by Jean-Louis Gaudet. [1971.] [1]+207 p. il. 4° [Organized in collaboration with FAO/EIFAC, Food and Agriculture Organization of United Nations, European Inland Fisherles Advisory Commission, at Warmwater Fish Cultural Laboratories, Stuttgart, Ark. Sept. 7-19, 1970.] * Paper, \$1.75 (S/N 2410-0278).
103. Cooperative fishery unit report for 1970-71 school year, nationwide cooperative program of training, investigation and application by Bureau of Sport Fisherles and Wildlife, State Game and Fish Departments, and colleges and universities; prepared by E. C. Kinney and R. S. Wydoski. Sept. 1971. ii+50 p. il. 4° (Division of Fishery Services.) * Paper, 50c. 4721

4722

Special scientific report: Wildlife (series). • Item 614-C

I 49.15/3:(nos.)

145. Report on taxonomic status and distribution of red wolf [with list of references]; by John L. Paradiso and Ronald M. Nowak. 1971. ii+36 p. il. 40 * Paper, 45c. (S/N 2410-0283). 4723 L.C. card 72-600516

146. Review of sodium monofluoroacetate (compound 1080), its properties, toxicology, and use in predator and rodent control [with list of literature cited]; by Stephen P. Atzert. 1971 [published 1972]. iii+34 p. 4° * Paper, 45c. (S/N 2410-0284).
L.C. card 72-600520 4724

147. Mammals imported into the United States in 1969 [with list of references]; by Clyde Jones and John L. Paradiso. [1972.] ii+33 p. 4° (Bird and Mammal Laboratories, Division of Wildlife Research.) * Paper, 40c. (S/N 4725 2410-0285).

Technical paper.

 57. Biology of pile perch, Rhacochilus vacca in Yaquina Bay, Oreg. [with list of references]; by Paul G. Wares. 1971. 21 p. il. 4° * Paper, 30c. (S/N 2410-0282). ● Item 615-A 4726

> **ΦFor Sale by National Technical Information Service,** Springfield, VA 22151 Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- To have and to hold, Alaska's migratory birds. [1971.] [16] p. il. oblong 12° 4727 • Item 612 [Illustrations are colored.] * Paper, 35c. (S/N 2410-2079). T 49.2: Al 1 s
- Wildlife portrait series no. 2. 1971. 10 colored posters, each 17 x 14 in. 4728 [Reproductions of paintings of fish by Bob Hines for Sport fishing USA. Accompanied by descriptive leaflet, 11 leaves, 4° Issued in envelope for mailing purposes.] * Paper, \$2.50 per set (S/N 2410-0277). • Item 616-C

STATE DEPARTMENT Washington, DC 20520

African series.

- 51. Current foreign policy: United States and North Africa; [by] David D. Newsom. [Jan. 1972.] 8 p. il. 4° ([Publication 8622]; Bureau of Public Affairs, Office of Media Services.) [Based on speech at Princeton University, Nov. 18, 1971.] * Paper, 10c. Item 862-A S 1.116:51 4729
 - Background notes. ([Office of Media Services, Bureau of Public Affairs.]) [Issued with perforations.] * Paper, \$3.50 per yr., \$3.00 additional for foreign mailing; single copies, each 10c. • Item 862-B
- foreign mailing; single copies, each 10c. Item 862-B

 Independent State of Western Samoa [with reading list]. [Revised Dec. 1971.]

 [1972.] 4 p. il. 4° [Publication 8345.]

 Japan [with reading list]. [Revised Nov. 1971.] [1971.] 12 p. il. 4° ([Publication 7770.])

 Kingdom of Bhutan [with reading list]. [Revised Nov. 1971.] [1971.] 4 p. il. 4° ([Publication 8334.])

 Republic of Chile [with reading list]. [Revised Nov. 1971.] [1971.] 4 p. il. 4° ([Publication 7998.])

 Republic of Cuba [with reading list]. [Revised Nov. 1971.] [1971.] 10 p. il. 4° ([Publication 8347.])

 Republic of Ghana [with reading list]. [Revised Dec. 1971.] [1971.] 7 p. il. 4° ([Publication 8081.])

 Republic of Guinea [with reading list]. [Revised Dec. 1971.] [1971.] 4 p. il. 4° ([Publication 8057.])

 Republic of Lyory Coast [with reading list]. [Revised Dec. 1971.] [1971.] 4 p. il. 4° ([Publication 8057.]) 4730
- 4731 4732
- 4733
- 4734
- 4735 4736
- ([Publication 8057.1) 4737
- 4738
- | Republic of Liberia [with reading list]. [Revised Dec. 1971.] [1971.] 6 p. ii. 4° ([Publication 8119.]) | Republic of Liberia [with reading list]. [Revised Dec. 1971.] [1971.] 4 p. ii. 4° ([Publication 7991.]) | Republic of Malawi [with reading list]. [Revised Nov. 1971.] [1971.] 4 p. ii. 4° ([Publication 7790.]) | Size 4739
- Republic of Niger [with reading list]. [Revised Nov. 1971.] ([Publication 8293.]) [1971.] 4 p. il. 4° S 1.123: N 56/971 4740
- (Publication \$233.))

 Republic of Togo [with reading list]. [Revised 1971.] [1971.] 4 p. il. 4° (Publication \$233.)

 Solution \$233.1)

 Solution \$233.1) 4741 tion 8325.1)
- Republic of Uganda [with reading list]. [Revised Nov. 1971.] [1971.] 5 p. il. 40 ([Publication 7958.]) S 1.123: Ug 1/971 4742
- European and British Commonwealth series. Item 869 S 1.74: (nos.) 4743
- Current foreign policy: Berlin, four power agreement. [Dec. 1971.] 14 p. 4° ([Publication 8620]; Bureau of Public Affairs, Office of Media Services.) [Text to address by Kenneth Rush, U.S. Ambassador to Federal Republic of Germany, made before Chamber of Commerce and Industry of Berlin, Sept. 22, 1971, as well as text of 4-power agreement on Berlin and related documents.] *Paper, 15c.
 74. Our permanent interests in Europe; by Secretary of State William P. Rogers. [Dec. 1971.] 4 p. 4° ([Publication 8621; Office of Media Services, Bureau of Public Affairs.]) [Address before Overseas Writers 50th Anniversary Dinner, Washington, D.C., Dec. 1, 1971.] *Paper, 10c.
 75. State Department supports Congressional resolution on Soviet Jewry; [statement by Richard T. Davies]. [Dec. 1971.] 8 p. 4° ([Publication 8624; Office of Media Services, Bureau of Public Affairs.]) [Reprinted from Department of State bulletin, Dec. 6, 1971.] *Paper, 10c.
- 4744
- 4745
- Fees charged by foreign countries for visa of United States passports. 4746 [Jan. 1972.] 8 p. 4° (M-264; Passport Office.) * Paper, 10c. • Item S 1.2: V 82/2/972
- Foreign relations of United States, 1946: v. 8, Far East. 1971. viii+1137 p. 4747 ([Publication 8554, Historical Office, Bureau of Public Affairs.]) [Also issued as H. doc. 481, pt. 8, 80th Cong., 1st sess.] * Cloth, \$5.75. • Item S 1.1: 946/v.8 872

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March 1972

Inter-American series.

99. Trends in Latin American military expenditures 1940-70, Argentina, Brazil, Chile, Colombia, Peru, & Venezuela; by Gertrude E. Heare. Dec. 1971 [published 1972]. iv+39 p. il. 4° ([Publication 8618; Office of External Research, Bureau of Intelligence and Research.]) * Paper, 50c. Item 877 L.C. card 71-188322 81.26:99 4748

International boundary study. (Geographer [Directorate for Functional Research], Bureau of Intelligence and Research.) ‡

118. Mozambique-Southern Rhodesia boundary [with list of documents]. Nov. 1, 1971. cover title. [1]+17 p. map, 4° S 1.119/3:118 4749 1971. cover title, [1] +17 p. map, 4° S 1.119/3: 118
International science notes, 26. Jan. 1972. 13 p. 4° (Bureau of Interna-4750

- tional Scientific and Technological Affairs.) S 1./22:26
 - Treaties and other international acts series. * Paper, \$15.00 a yr. (approximately 150 issues), \$7.00 additional for foreign mailing; single copies vary in price. (Issues of \$1.00 or more are not furnished as part of the subscription). • Item 899 S 9.10: (nos.)
- 7174. Trade in cotton textiles, agreement between United States and Republic of Korea, amending and extending agreement of Dec. 11, 1967, as amended and extended, effected by exchange of notes signed Washington Aug. 30, 1971; [entered into force Aug. 30, 1971]. [1971.] [2] + 3 p. Paper, 10c. L.C. card 72-600674 4751
- 7182. Agricultural commodities, agreement between United States and Guinea, signed Conakry June 17, 1971; [entered into force June 17, 1971]. [2]+6 p. [English and French.] * Paper, 10c. L.C. card 72-600550 4752
- 7185. Cooperation in combating illicit international traffic in narcotics and other dangerous drugs, memorandum of understanding between United States and Thailand, signed Washington Sept. 28, 1971; [entered into force Sept. 28, 1971]. [1971.] [2]+3p. *Paper, 10c. 4753
- 7187. Measures to improve direct communications link, agreement betwene United States and Union of Soviet Socialist Republics, supplementing and modifying memorandum of understanding, with annex, of June 30, 1963, signed Washington Sept. 30, 1971; [entered into force Sept. 30, 1971]. [1971.] [2]+18 p. English and Russian.] * Paper, 15c. 4754
- 7188. Regulation of North Pacific whaling agreement between United States, Japan, and Union of Soviet Socialist Republics, signed Tokyo July 30, 1971; [entered into force July 30, 1971]. [1971.] [2] +2 p. * Paper, 10c. 4755 L.C. card 72-600608
- 7192. Suppression of unlawful seizure of aircraft (hijacking), convention between United States and other governments, done Hague Dec. 16, 1970; [proclaimed by President of United States Oct. 18, 1971; [entered into force Oct. 14, 1971]. [1971.] [2] +44 p. [English, French, Russian, Spanish.] * Paper, 20c. L.C. card 72-600551 4756
- 7197. United Nations Educational, Scientific, and Cultural Organization, amendment to art. 5 of constitution, adopted by General Conference of United Nations Educational, Scientific and Cultural Organization at 15th sess., Paris, Nov. 4, 1968; [entered into force Nov. 4, 1968]. [1971.] [2]+6 p. [English and French.] * Paper, 10c. 4757
- 7198. Education, Commission for Educational Exchange and financing of programs, agreement between United States and Columbia, effected by exchange of notes dated Bogota June 12, 1967, and Mar. 8, 1971; [entered into force Mar. 11, 1971]. [1971.] [2]+13 p. [English and Spanish.] 4758 * Paper, 10c. L.C. card 72–600568
- 7199. Omega navigational station, agreement between United States and Norway, effected by exchange of notes signed Oslo Nov. 5, 1971; [entered into force Nov. 5, 1971]. [1971.] [2]+7 p. * Paper, 10c. L.C. card 75-619008 4759
- 7202. Air transport services, agreement between United States and Dominican Republic, amend agreement of July 19, 1949, effected by exchange of notes, signed Santo Domingo Oct. 19, 1971; [entered into force Oct. 19, 1971]. [1972.] [2] + 8 p. [English and Spanish.] * Paper, 10c.
 L.C. card 72-600712 4760
- 7206. Loan of vessel U.S.S. Harwood, agreement between United States and Turkey, effected by exchange of notes signed Ankara Oct. 27, 1971; [entered into force Oct. 27, 1971]. [1971.] [2]+2 p. * Paper, 10c. L.C. card 72-600657 4761
- 7209. Agricultural commodities, agreement between United States and Khmer Republic (Cambodia), amending agreement of Mar. 2, 1971, as amended, effected by exchange of notes signed Phnom Penh Nov. 4, 1971; [entered into ofree Nov. 4, 1971]. [1972.] [2] + 2 p. * Paper, 10c. L.C. card 72-600714 4762

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GOVERNMENT PUBLICATIONS

Treaties and other international acts series-Continued

7222. Tenure and disposition of real and personal property, continued application to Fiji of United States-United Kingdom conventions of Mar. 2, 1899, and May 27, 1936, agreement between United States and Fiji, effected by exchange of notes signed Suva and Washington Nov. 2 and Dec. 9, 1971; [entered into force Dec. 9, 1971]. [1972.] [2]+2 p. Paper, 10c. 4763 L.C. card 72-600715

- Treaties and other international agreements of United States, 1776-1949: 4764 v. 8, Germany-Iran; compiled under direction of Charles I. Bevans. [Oct. 1971.] xiii+1322 p. ([Publication 8590.]) * Cloth, \$11.00. S 9.12/2:8 ■ Item 899-A
- Treaties in force, list of treaties and other international agreements of United States in force on Jan. 1, 1972 [with list of references]; compiled 4765 by Treaty Affairs Staff, Office of Legal Adviser. [1972.] viii+404 p. 4° ([Publication 8628.]) * Paper, \$3.00. • Item 900-A S 9.14: 972
- 25 years of UNESCO, twenty-five successful projects. [1971.] cover title, 4766 • Item 894 15 p. 12°
- United States treaties and other international agreements, v. 21, pt. 3, 1970. 4767 [1971.] viii+2093-3110+xi-xiv p. il., 42 pl., 38 are in pocket, 10 maps, large 8° [Includes treaties and other international acts series 6956-7034. Text in English and other languages.] * Cloth, \$16.00 (S/N 4400-S 9.12: 21/pt.3 1376). • Item 899-A

STATISTICAL REPORTING SERVICE, Agriculture Dept. Washington, DC 20250

- Crop production: Prospective plantings for 1972, 35 States. Jan. 27, 1972. 4768 13 p. 4° (CrPr 2-4 (1-72); Crop Reporting Board.) † • Item 20-B A 92.24/2:972
- Hogs and pigs, Dec. 1971 (U.S. and 10 Corn Belt States). Dec. 22, 1971. 4769 (MtAn 4 (12-71); Crop Reporting Service.) † • Item 24-H A 92.18/7:971-4
- Hogs and pigs, Dec. 1971 (U.S. and 10 corn belt states), Errata. Dec. 27. 4770 A 92.18/7: 971-4/errata 1971. (Crop Reporting Service.) [1] p. 4° †
- Mink production. June 4, 1971. 7 p. 4° (MtAn 6 (71); Crop Reporting 4771 A 92.18/11:970 Board.)
- (MtAn-5-2 Sheep and lambs on feed, Jan. 1, 1972. Jan. 13, 1972. [4] p. 4° 4772 A 92.18/9:972 (1-72); Crop Reporting Board.)
- Statistics of Hawaiian agriculture, 1970; prepared by Hawaii Crop and 4773 Livestock Reporting Service, July 1971. [1]+77 p. il. 40 [Issued in cooperation with Hawaii Department of Agriculture, Marketing & Consumer Services Division. Includes list of publications.] A 92.2: H 31/970
- Vegetables, fresh market, 1971, annual summary acreage, yield, production, [and] value. Dec. 17, 1971. 61 p. 4° (Vg 2-2 (71); Crop Reporting 4774 A 92.11/10-2:971 Board.) † • Item 24-E

SUBVERSIVE ACTIVITIES CONTROL BOARD Washington, DC 20445

21st annual report of Subversive Activities Control Board, fiscal year 1971. 1972. iv+18 p. * Paper, 20c. (S/N 5241-0012). ● Item 1079-A 1 3.Su 1: 1/971

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

TD 4.509: 71-(nos.) FAA-RD (series).

71-27. Crash resistant fuel systems, demonstrations and evaluation, final report [with bibliography; by] Hugo P. Scheuerman. Aug. 1971. cover title, [37] p. il. 4° [Project 510-601-03X.] Φ Paper, \$3.00. 4776

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71-56. Minimize snow and weather effects-VORTAC, task 2 TACAN antenna interim report; [by] G. J. Hartranft. Sept. 1971. cover title, vii+20 p. Il. 4° [Contract 330-001-03X; project 041-306-02X.] Φ Paper,

TARIFF COMMISSION Washington, DC 20436

- 4778 Articles comprised of plastic sheets having openwork structure, report on investigation 337-29 under provisions of sec. 337 of title III of Tariff act of 1930, as amended. Dec. 1971. cover title, [1]+31 p. (TC publication 444.) †
- Bicycles from West Germany, determination of no injury or likelihood thereof in investigation AA1921-81 under Antidumping act, 1921, as amended. Dec. 1971. cover title, 6 p. 4° (TC publication 446.) †

 TC 1.31: B 47/2
- 4780 Heels for women's footwear, workers of Vulcan Corporation Heel Plant,
 Portsmouth, Ohio, report to the President, worker investigation no. TEAW-118 under sec. 301(c)(2) of Trade expansion act of 1962. Nov. 1971.
 [3]+11+A-33 p. 4° (TC publication 440.) † TC 1.2: H 36/2
- 4781 Heels, soles, and soling sheets, Goodyear Tire and Rubber Co., Windsor, Vt., report to the President, worker investigation TEA-W-117 under sec. 301(c)(2) of Trade expansion act of 1962. Dec. 1971. [4]+7+A-32 p. 4° (TC publication 441.) †
- 4782 Men's and boys' shirts, not knit, J. H. Bonck Co., Inc., New Orleans, La., report to the President on firm investigation TEA-F-35 under sec. 301 (c)(1) of Trade expansion act of 1962. Nov. 1971. [2]+iii+11+A-46 p. 4° (TC publication 439.) ‡ TC 1.2: Sh 6/3
- 4783 Sheet glass (blown or drawn flat glass), report to the President on investigation TEA-1-EX-7 under sec. 351(d)(3) of Trade expansion act of 1962. Dec. 1971. i+51 p. 4° (TC publication 449.) † TC 1.2: G 46
- 4784 Sphygmomanometers, report on investigation 337-26 under provisions of sec. 337 of title 3 of Tariff act of 1930, as amended. Jan. 1972. [1]+21 p. il. 4° (TC publication 457.) † TC1.2: Sp 3
- 4785 Stainless-steel table flatware, workers of Utica Cutlery Company, Utica, N.Y., report to the President on investigation TEA-W-120 under sec. 301(c)(2) of Trade expansion act of 1962. Dec. 1971. [4]+4+A26 p. 4° (TC publication 442.) † TC 1.2: F 61/4/971
- 4786 Supplement 4 [to] Tariff schedules of United States annotated (1971).

 1971. [90] p. 4° (TC publication 344.) [Issued in looseleaf form.]

 * Paper, \$8.00 (including supplementary service for an indefinite period); \$2.00 additional for foreign mailing.

 Item 982−B

 TC 1.35/2: 971/supp.4
- 4787 Synthetic organic chemicals, United States production and sales of cyclic intermediates, 1970, preliminary. Jan. 1972. cover title, [1]+35 p. 4° † TC 1.33/2: C 99/970
- 4788 Synthetic organic chemicals, United States production and sales of tar and tar crudes, 1970, preliminary. Jan. 1972. cover title, [1]+6 p. 4° † TC 1.33/2: T 17/970
- 4789 Tariff schedules of United States annotated (1972) for use in classification of imported merchandise for rate of duty and statistical purposes. 1972.

 [962] p. 4° (TC publication 452.) [Issued in looseleaf form.] * Paper, \$11.00 (including supplementary service for an indefinite period); \$2.75 additional for foreign mailing. Item 982-B TC 1.35/2: 972
- 4790 Tractor parts, report to the President on investigation 337-22 under provisions of sec. 337 of title 3 of Tariff act of 1930, as amended. Dec. 1971. cover title, [1]+17+Δ-55 p. 4° (TC publication 443.)

 TC 1.2: T 67/18

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GOVERNMENT PUBLICATIONS

- 4791 Tubeless-tire valves from Canada, determination of no injury or likelihood thereof in investigation AA1921-81 under Antidumping act, 1921, as amended. Dec. 1971. cover title, 6 p. 4° (TC publication 445.) †

 TC 1.31: T 51
- Wilton, Brussels, velvet, and tapestry carpets and rugs, report to the President on investigation TEA-IR-5-71 under sec. 351(d) (1) of Trade expansion act of 1962. Dec. 1971. cover title, i+22 p. 4° (TC publication 447.) † TC 1.2: C 22/971
- 4793 Women's vinyl sandals and slippers, Grenet Footwear, Inc., Miami, Fla., report to the President on worker investigation no. TEA-W-121 under sec. 301 (c) (2) of Trade expansion act of 1962. Dec. 1971. [3]+5+A-20 p. 4° (TC publication 448.) † TC 1.2: Sa 5/3
- 4794 Women's vinyl sandals, Dave Aronoff Shoes, Inc., Los Angeles, Calif., report to the President on firm investigation no. TEA-F-36 and worker investigation no. TEA-W-119 under secs. 301(c)(1) and 301(c)(2) of Trade expansion act of 1962. Nov. 1971. [3]+15+A-23 p. 4° (TC publication 437.) † TC 1.2: Sa 5/2

TENNESSEE VALLEY AUTHORITY Washington, DC 20444

- Annual report of Tennessee Valley Authority, fiscal year 1971. Item 1080
- L.C. card 35-26123 Y 3.T 25: 1/971/v. (nos.) v. 1. Text. [1971.] vi+80 p. il. [Text on p. 2 of cover.] *Paper, 45c. (S/N
- v. 1. Text. [1971.] vi+80 p. il. [Text on p. 2 of cover.] * Paper, 45c. (S/N 5243-0010).
 v. 2. Appendixes. [1972.] [1]+A135 p. * Paper, 60c. (S/N 5243-0009).

TRANSPORTATION DEPARTMENT Washington, DC 20590

Bibliographic list.

4797 6. Urban mass transportation, bibliography; compiled by Dawn E. Willis. Sept. 1971. [7]+140 p. 4° (Office of Administrative Operations, Library Services Division.) Φ Paper, \$3.00 (AD-733773) TD 1.15:6

TREASURY DEPARTMENT Washington, DC 20220

- 4798 DISC, Domestic International Sales Corporation, handbook for exporters.

 [Jan. 1972.] cover title, iv+56 p. * Paper, 40c. (S/N 4800-0194).

 Item 926

 T 1.10/2: D 71
- 4799 Remarks of Eugene T. Rossides, Assistant Secretary of Treasury (Enforcement, Tariff and Trade Affairs, and Operations) before National Narcotics and Dangerous Drugs Enforcement Association, Washington, D.C., Dec. 13, 1971. [1971.] 14 p. 4° (C-215.) † T 1.31: R 73/10
- 4800 Statement by Secretary John B. Connally at press conference on the budget (jointly with George P. Shultz, Director, Office of Management and Budget), Jan. 22, 1972. 1972. 3 p. 4° (C-235.) † T 1.31: C 76/7

UNITED STATES INFORMATION AGENCY Washington, DC 20547

United States Information Agency, 36th semiannual report to Congress, Jan.-June 1971. [1971.] cover title, 20+[4] p. il. 4° † ● Item 672
IA 1.1: 36

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MAROH 1972

UNITED STATES POSTAL SERVICE 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.

Family planning commemorative stamp [8-cent], issue date Mar. 18, 1972, New York, N.Y. 1971. 10.5 x 8 in. P 1.26/2: F 21

Peace Corps 8-cent commemorative stamp, issue date Feb. 11, 1972, Washington, D.C. 1972, 10.5 x 8 in. P 1.26/2: P 31/2 4802 4803

Sidney Lanier 8-cent commemorative stamp, issue date Feb. 3, 1972, Macon. Ga. 1972, 10.5 x 8 in. P 1.26/2: L 27 4804

\$2.00 Eisenhower booklet, issue date Jan. 28, 1972, Casa Grande, Ariz. [1972.] 10.5 x 8 in. P1.26/2: Ei 8/3 4805

VETERANS ADMINISTRATION Washington, DC 20420

4806 Annual report [fiscal year] 1971, Administrator of Veterans Affairs. [1972.] iv+156 p. il. 4° [Also issued as H. doc. 208, 92d Cong., 2d sess.] * Paper, \$1.25 (S/N 5100-0052). • Item 983 VA 1.1: 971

Handbook H (series).

- 08-1. [Chart of builders' hardware samples on file in Washington, D.C., revised Oct. 1, 1963], sec. G, Master construction specifications. [Revised Nov. 1971.] [1971.] [26] p. 4° ([Office of Construction.]) [Issued with perforations.] ‡ VA 1.10/5:08-1/sec.G 4807
- 4808 Index to Veterans Administration publications. Nov. 1, 1971. cover title, vi+214 p. 4° (VA index 1-03-1.) ‡ • Item 986 VA 1.20: 971

[Information bulletin] IB (series).

4809

Manual M (series).

4810 29-4. Insurance operations; pt. 4-P, United States Government life insurance 1972 regular dividend schedules, Jan. 1, 1972, iii + 34 p. 4° (Department of Veterans Benefits manual.) [Issued with perforations.] † Item VA 1.18: 29-4/pt.4-P

VA pamphlets. VA 1.19:(nos.) 4811 20-67-1. Summary of benefits for veterans with service since Jan. 31, 1955, and

their dependents. Revised Nov. 1971. [1971.] 8 p. 4° 20-69-5. Medical, dental and hospital benefits for veterans with service since Jan. 31, 1955. Revised Sept. 1971. [1971.] 4 p. il. 4° • Item 988 4812

WAGE AND HOUR DIVISION, Labor Dept. Washington, DC 20210

- Economic report on general agriculture industry in Puerto Rico [with bibliography]. Oct. 1971. cover title, viii+128 p. 4° (WH 72-5.) L.C. card 71-616080 L 36.202; Ag 8
- 4814 Establishments engaged in wholesaling under Fair labor standards act. Nov. 1971. [1]+8+[1] p. 4° (WH publication 1311 (Rev.).) [Includes list of publications.] † • Item 777 L 36.202: W 62
- 4815 Restaurants and food service employees under Fair labor standards act. Oct. 1971. [1] +10 p. 4° (WH publication 1354.) † • Item 777 L 36.202: R 31
- Temporary help companies under Fair labor standards act. Dec. 1971. [1]+13 p. 4° (WH publication 1356.) † ● Item 777 L 36.202: T 24

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GOVERNMENT PUBLICATIONS

WATER PROGRAMS OFFICE, Environmental Protection Agency Rockville, MD 20852

Oil and hazardous materials program series.

OHM 71 06 002. Pesticide poisoning of Pond Lick Lake, Ohio, investigation and resolution, June 2-July 5, 1971, final report by Ryckman, Edgerley, Tomlinson and Associates, Inc., St. Louis, Mo. [1971.] vi+156 p. il. 4° (Oil and Hazardous Materials Division.) [Prepared under contract 68-01-0045.]

Paper, \$1.50. Item 473-A-4
L.C. card 72-600670 EP 2.11: OHM 71 06 002 4817

WATER RESOURCES COUNCIL 1025 Vermont Avenue, NW., Washington, DC 20005

Regulation of flood hazard areas to reduce flood losses, v. 1, pt. 1-4. 4818 [1971.] xxi+578 p. il. * Paper, \$2.50. • Item 1090 Y 3.W 29: 2 F 65/v.1/pt.1-4 L.C. card 72-600505

WHITE HOUSE CONFERENCE ON CHILDREN

White House Conference on Children, report to President, 1970, index. 4819 Y 3.W 58/3-2: 1/970/index [1972.] 11 p. 4° † • Item 1088

WHITE HOUSE CONFERENCE ON INDUSTRIAL WORLD AHEAD

Note.—The White House Conference on Industrial World Ahead was held at Phoenix, Arizona, November 9, 1971.

Architects of the future, remarks of Robert W. Miller, Executive Director 4820 of White House Conference on Industrial World Ahead: Look at business in 1990, before Phoenix, Arizona Chamber of Commerce, Nov. 9, 1971. Y 3.W 58/17:9 M 61 1971, 21 p. 4° †

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

- Fact sheet on earnings gap. [Revised Dec. 1971.] [1971.] 6 p. 4° ([3134.]) 4821 * Paper, 10c. (S/N 2916-0004). • Item 782 L 36.102: Ea 7
- Status of State hours laws for women since passage of title VII of Civil 4822 rights act of 1964. [Revised Nov. 4, 1971.] [1971.] 4 p. 4° • Item 782 L 36.102: H 81

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

- Legislative guide for drafting State-local programs on juvenile delinquency; [prepared by Herbert Wilton Beaser]. [1972.] cover title, vi+40 4823 p. 4° ([DHEW publication (SRS) 72-260.]) † • Item 532-C-3 HE 17.808: L 52 L.C. card 72-600813
- Quiet revolution, probation subsidy [with list of references; by] Robert L. 4824 Smith [1971.] v+90 p. il. (DHEW publication (SRS) 72-26011.)

 * Paper, 45c. (S/N 1766-0007). ● Item 532-C-2 HE 17.802: Q 4 L.C. card 72-600634

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