

51 3-8-1975 ✓

# MONTHLY CATALOG

UNITED STATES

GOVERNMENT PUBLICATIONS

MARCH 1975

Entries 03341-04701

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oblong-----	width more than height

# MONTHLY CATALOG

OF UNITED STATES  
GOVERNMENT PUBLICATIONS



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MARCH 1975

Number 962

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Entries 03341-04701

Issued by the SUPERINTENDENT OF DOCUMENTS

U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 : 1975

L.C. Card 4-18088

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## PREVIEWS

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

- Aircraft emergency procedures over water.** (Coast Guard GG 306; Air Force Dept. AFM 64-6; Navy Dept. OPNAV INST 3730.4A; Army Dept. FM 20.151; Reprint including changes 1-2.) \$1.80. ● TD 5.8: Ai 7/rep./974
- Apollo-Soyuz test project (colored poster).** (NASA facts NF 51; Education publication of National Aeronautics and Space Administration.) \$1.10. (S/N 033-000-0060102.) ● NAS 1.20: NF-51
- Civil War marine, diary of Red River expedition, 1864; edited and annotated by James P. Jones and Edward F. Keuchel.** (History and Museum Division, Marine Corps.) \$1.65. (S/N 008-055-00080-0). ● D 214.13: C 49
- Consumer's guide to mental health services.** (DHEW pub. (ADM) 75-214; National Institute of Mental Health.) 30¢. (S/N 017-024-00435-9). ● HE 20.8108: M 52
- Criteria for recommended standard, occupational exposure to cotton dust.** (DHEW pub. (NIOSH) 75-118.) \$2.35 ● HE 20.7110: C 82
- Earth manual, guide to use of soils as foundations and as construction materials for hydraulic structures; edited by H. E. Kisselman. 2d edition.** (Water resources technical publication.) \$13.70. (S/N 2403-00079.) ● I 27.19/2: Ea 7/974
- Expenditure and employment data for criminal justice system, 1972-73.** (National Criminal Justice Information and Statistics Service SD-EE series. Law Enforcement Assistance Administration, Justice Department.) \$4.05. (S/N 0324-01046.) ● J 1.37: 5
- Favorite American recipes, collection of classics from around country.** (FNS-109; Food and Nutrition Service.) \$1.05. (S/N 001-24-00197-0.) ● A 98.9: 109
- Jobs for veterans with disabilities.** (Manpower R&D monograph 41; Manpower Administration, Labor Department.) \$1.05. (S/N 029-000-00238-0.) ● L 1.39/3: 41
- Place-to-place rent comparisons using hedonic quality adjustment techniques; by Robert F. Gillingham.** (BLS staff paper 8; Labor Statistics Bureau.) 90¢. (S/N 029-001-0138107.) ● L 2.71/5: 8
- Psychotherapy change measures, report of Clinical Research Branch Outcome Measures Project; edited by Irene E. Waskow, Morris B. Parloff.** (DHEW pub. (ADM) 74-120; National Institute of Mental Health.) \$3.05. (S/N 1724-00397.) ● HE 20.8102: P 95/2
- Qualification standards for white-collar positions under General Schedule.** (Civil Service handbook X-118, reprinted Jan. 1975; Bureau of Policies and Standards, Civil Service Commission.) \$22.30. ● CS 1.45: X-118/rep. 975
- Report to President and Congress, Federal support to Universities, colleges and selected nonprofit institutions, fiscal year 1973.** (Surveys of Science Resources series; NSF 75-304; National Science Foundation.) \$3.25. ● NS 1.22: F 96/2/973
- Review of standards and other information on thermo plastic piping in residential plumbing; by Robert S. Wyly and others.** (Building science series 68; National Bureau of Standards.) \$1.25. ● C 13.29/2: 68

- Salem maritime, National historic site, Massachusetts (colored poster). (National Park Service.) \$1.95. (S/N 024-00577-3.) ● I 29.21: Sa 3/3:975
- Sewing menswear, pants. (PA [Program aid] (series) 1115; Extension Service, Agriculture Department.) 70¢. (S/N 001-000-0341200.) ● A 1.68: 1115
- Space environmental vantage point. (National Oceanic and Atmospheric Administration. NOAA PA 70033 (Rev. 1974).) \$1.15. (S/N 0317-00259.) ● C 55.2: Sp 1/2
- Strengthening the system, for leaner, better managed more effective government, 90th annual report, fiscal year ended June 30, 1973. \$1.45. (S/N 0600-00786.) ● CS 1.1: 973
- Structure and origin of Koaie fault system, Kilauea, Volcano, Hawaii; by Wendell A. Duffield. (Geological Survey professional paper 856.) \$1.70. (S/N 024-001-02612.) ● I 19.16: 856
- Weather modification, fiscal year 1973, summary report. (Office of Environmental Monitoring and Prediction, National Oceanic and Atmospheric Administration.) \$1.75. ● C 55.27: 973

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## Abbreviations

add_____	addition, addendum, addenda.	n. d._____	no date.
Amdt., amdts_____	amendment, amendments.	n. p._____	no place.
app_____	appendix, appendixes,	no., nos_____	number, numbers.
bk., bks_____	book, books.	p_____	page, pages.
chap_____	chapter, chapters.	p. of pl_____	pages of plates.
Cong_____	Congress.	par., pars_____	paragraph, paragraphs.
Dept_____	Department.	pl_____	plate, plates.
doc_____	document.	por_____	portrait, portraits.
facsim_____	facsimile, facsimiles.	pt., pts_____	part, parts.
fy_____	fiscal year.	rp_____	report.
G.H.A._____	Greenwich hour angle.	S_____	Senate, Senate bill.
H_____	House.	S. Con. Res_____	Senate concurrent resolution.
H. Con. Res_____	House concurrent resolution.	S. doc_____	Senate document.
H. doc_____	House document.	S. ex. doc_____	Senate executive document.
H. ex. doc_____	House executive document.	S. ex. rp_____	Senate executive report.
H.J. Res_____	House joint resolution.	S.J. Res_____	Senate joint resolution.
H.R._____	House of Representatives, House bill.	S. Res_____	Senate resolution.
H. Res_____	House resolution.	S. rp_____	Senate report.
H. rp_____	House report.	sec_____	section, sections.
il_____	illustration, illustrations.	sess_____	session, sessions.
in_____	inch, inches.	Stat. L_____	Statutes at large.
lat_____	latitude.	supp_____	supplement.
long_____	longitude.	tab_____	tables, tables.
m_____	mile.	Treas_____	Treasury.
		v_____	volume, volumes.
		vs., v_____	versus.

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

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

## Explanation

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

Words and figures enclosed in brackets [ ] in titles are given for information, but do not appear on the title pages of the publications cataloged. Place and printer are not given for publications printed at the United States Government Printing Office, Washington, D.C., or at Government departmental and field printing plants. The dates given with Senate and House documents and reports are the dates on which they were ordered to be printed. Usually the printing promptly follows the ordering, but various causes sometimes make delays.

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

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



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In addition to the subject bibliographies, the Office of the Superintendent of Documents issues a monthly list of Selected United States Government Publications for sale by the Superintendent of Documents. Each list contains annotations and prices, and may be obtained free upon application to the Superintendent of Documents.

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# New Classification Numbers

A 1.111: date_____	Agriculture Department. Annual report on location of new Federal offices and other facilities.
A 21.33: date_____	Communication Office. Food and home notes (weekly).
AA 1.14: date & nos_____	ACTION Action news digest.
C 55.219/5: nos_____	Environmental Data Service. Key to oceanic and atmospheric information sources.
D 103.42/6: nos_____	Engineers Corps (Army). Coastal Engineering Research Center: Special reports.
EP 1.21/5: nos_____	Environmental Protection Agency. Air pollution aspects of emission sources: [various subjects], a bibliography with abstracts.
EP 1.58: nos_____	NOTE.—Earlier publications classified in Publication AP—(series), EP 4.9:(nos.) Implementation plan review for [various States] as required by the Energy supply and environmental coordination act.
EP 1.59: date_____	Monitoring and air quality trends report (annual).
FE 1.20: nos_____	Federal Energy Administration. Technical reports.
HE 1.311: date_____	Youth Development Office. Youth reporter (monthly, except November).
HE 1.601: date_____	Rehabilitation Services Administration. Annual report.
HE 1.602: CT_____	NOTE.—See, for earlier class, HE 17.101:(date). General publications.
HE 1.603: -608: Reserved	NOTE.—See, for earlier class, HE 17.102:(CT).
HE 1.609: date_____	Annual report of Department of Health, Education, and Welfare to the President and the Congress on Federal activities related to the administration of the Rehabilitation act of 1973.
HE 1.610: date_____	State Vocational Rehabilitation Agency, fact sheet booklet (annual).
HE 17.619/2: date_____	NOTE.—See, for earlier class, HE 17.119/2:(date). National Center for Social Statistics. Work Incentive Program, NCSS report E-5.
HE 19.110: CT_____	Education Office. Addresses.
HE 19.308: CT_____	NOTE.—See, for earlier class, HE 5.8:(CT). National Center for Education Statistics.
HE 19.313: date_____	Handbooks, manuals, guides. Revenues and expenditures for public elementary and secondary education (annual).
HE 19.314: date_____	NOTE.—See, for earlier class, HE 5.93/3:(date). Condition of education (annual).
HE 19.315: date_____	Digest of educational statistics (annual).
HE 19.316: date_____	NOTE.—See, for earlier class, HE 5.98:(date). Financial statistics of institutions of higher education: Property (annual).
	NOTE.—See, for earlier class, HE 5.92/10-2:(date).



- HE 19.317: CT----- Bibliographies and lists of publications.  
NOTE.—Earlier publications classified in HE 5.10: class.
- HE 20.4120: date----- Radiological Health Bureau.  
 BRH publications index.  
NOTE.—See, for earlier publication, HE 20.4111: 73-4.
- HE 20.5408: CT----- Medical Services Bureau.  
 Handbooks, manuals, guides.
- HE 20.7017: date----- Center for Disease Control.  
 Reported tuberculosis data (annual).  
NOTE.—See, for earlier class, HE 20.2313: (date).
- HE 20.7108/2: CT----- National Institute for Occupational Safety and Health.  
 NIOSH health and safety guides for [various businesses].
- HE 20.8215: series nos.& nos. National Institute on Drug Abuse.  
 National Clearinghouse for Drug Abuse information: Report series.  
NOTE.—See, for earlier class, PrEx 13.9: (series nos.& nos.).
- I 94.44/2: CT----- Sport Fisheries and Wildlife Bureau, Interior Dept.  
 National Wildlife refuges [information circulars, bird lists, etc.]
- L 1.66/2: date----- Labor Department.  
 Public Sector Labor Relations Information Exchange: Calendar of events (quarterly).
- L 2.105: CT----- Labor Statistics Bureau.  
 Municipal government wage surveys.
- L 35.16: CT----- Occupational Safety and Health Administration.  
 Bibliographies and lists of publications.
- PrEx 20.8: CT----- Special Action Office for Drug Abuse.  
 Handbooks, manuals, guides.
- TD 1.123: nos----- National Transportation Safety Board.  
 NTSB-PAM (series).
- TD 4.32/11: nos----- Federal Aviation Administration.  
 Report FAA-AVP (series).
- TD 4.44: date----- Profiles of scheduled air carrier airport operations, top 100 U.S. airports (semiannual).  
 Coast Guard.
- TD 5.8/2: CT----- Bar guides [various areas].  
 Congressional Budget Office.
- Y 10.1: date----- Annual report.
- Y 10.2: CT----- General publications.
- Y 10.3: -Y 10.8: Reserved

### Corrections for Previous Monthly Catalogs

- Oct. 1972. Entry 12873, Water Resources Appraisal for Hydroelectric Licensing Weber River Basin, Utah-Wyoming. (1971). Correct class to read FP 1.31: W38.
- Dec. 1972. Entry 14870, Life, pass it on, how you can help. [Oct. 1971]. Correct class to read EP 1.34/2: 1.
- March 1973. Entry 20236, Equal employment opportunity report, 1970: Job patterns for minorities and women in private industry, Nation, state, industries. [1972] Correct class to read Y 3.Eq2: 12/970/v.1,2.
- Oct. 1974. Entry 10156, Law of impeachment: appendix 1, concept of impeachable offense. [Feb. 1974]. Correct class to read J 1.2: Im 7/2/app.1.
- Entry 10157, Law of impeachment: appendix 2, history of provisions. [Feb. 1974]. Correct class to read J 1.2: Im 7/2/app. 2.
- Jan. 1975. Entry 00488, Air injection at Lake Cachuma, Calif. Change class to read I 19.2: L.14c.
- Entry 00560, Index to publications of Manpower Administration. [1974]. Correct class to read L 1.34: /4/969-74.



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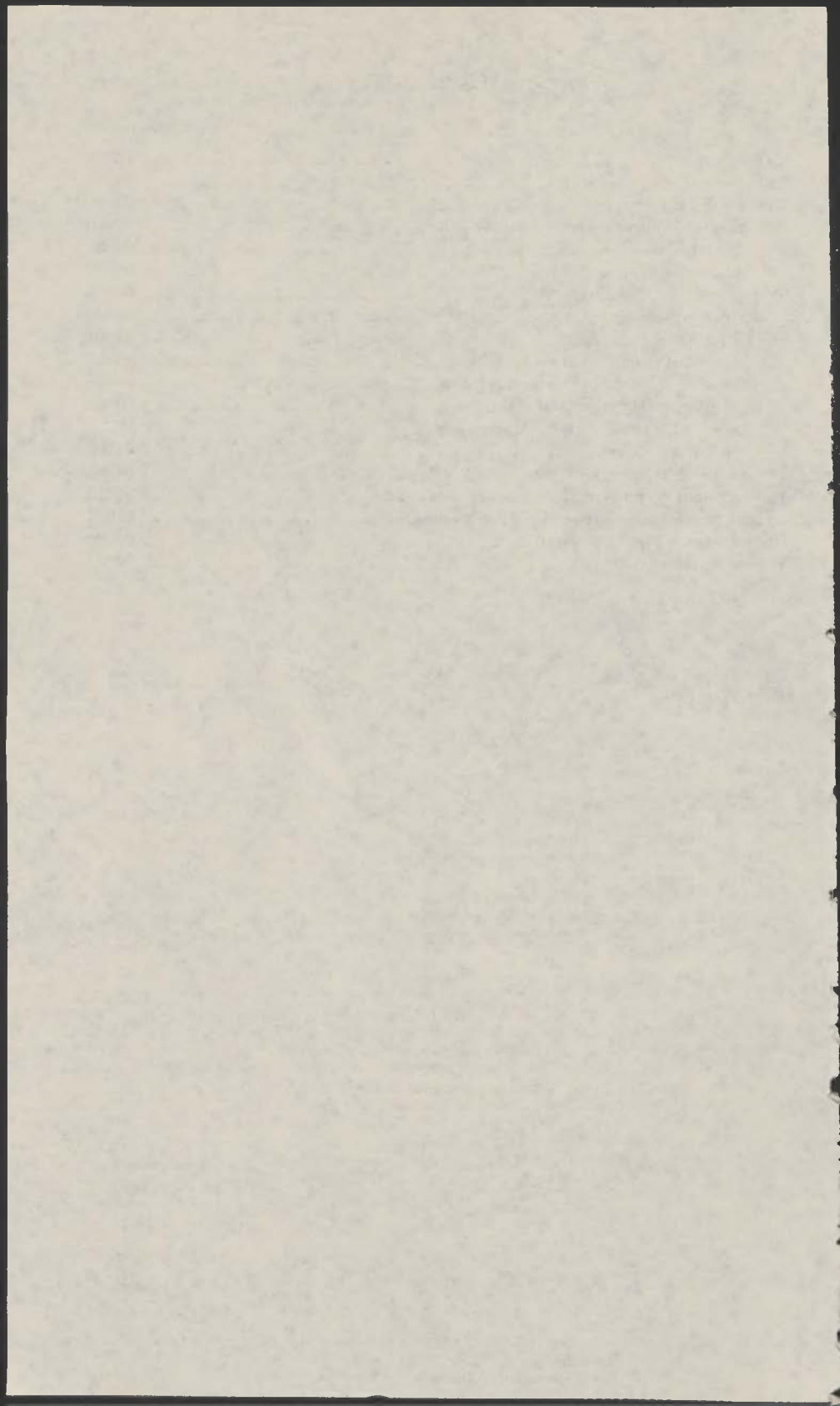
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# Monthly Catalog

NO. 962 ● MARCH 1975

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

- 03341 Institutional meat purchase specifications for fresh pork approved by USDA, effective Jan. 1975. [1975.] viii+6+[1] p.il. 4° (Livestock Division.) \* Paper, 35c. ●Item 24-N  
A 88.17/4:P 82/975
- 03342 United States standards for grades of frozen asparagus, effective June 30, 1974, 4th issue as amended. [1974.] [2]+19 p.il. 4° (Processed Products Standardization and Inspection Branch, Fruit and Vegetable Division.) [Supersedes standards which have been in effect since Apr. 8, 1970.] +  
A 88.6/2:As 6/2/974

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

### ARS-(series).

- 03343 NE-25-1. USDA-DHIA cow performance index list, May 1974, registered cows calving between Aug. 1971 and Apr. 1973; [By Frank N. Dickinson and others]. [Aug. 1974.] cover title, xiii+437 p. 4° (Animal Physiology and Genetics Institute.) [Text on p. 2 of cover.] + Animal Improvements Programs Laboratory, Building 263, BARC-East, Beltsville, MD 20705. ●Item 25-B  
A 77.15:NE-25-1
- 03344 NE-42. Portable self-contained system for continuous electronic recording of moisture conditions on surfaces of living plants [with list of literature cited; by J. Stanley Melching ]. Dec. 1974. [2]+13 p.il. 4° (Plant Disease Research Laboratory.) + ●Item 25-B  
A 77.15:NE-42
- 03345 NE-49. Comparative methods of handling produce from warehouse slots to holding areas of retail stores; [by Paul F. Shaffer and Daniel M. Steckler]. Nov. 1974. 32 p.il. 4° (Agricultural Marketing Research Institute.) +  
A 77.15:NE-49
- 03346 NE-50. Selected costs of produce wholesaling in old and modern facilities, Boston, Mass.; [by James J. Karitas and Marvin D. Volz]. Nov. 1974. [2]+20 p.il. 4° (Agricultural Marketing Research Institute.) +  
A 77.15:NE-50
- 03347 S-46. Weights and cooked yields of broiler parts related to eviscerated carcass weights; [by Joe P. Hudspeth and others]. Oct. 1974. [2] + 8 p.il. 4° ([Southern Region]). +  
A 77.15:S-46
- 03348 USDA family food plans, 1974, talk by Betty Peterkin , Consumer and Food Economics Institute, 1975 National Agricultural Outlook Conference, Washington, D.C., Dec. 12, 1974. [1975.] 28 p. 4° #  
A 77.10:P 44

# GOVERNMENT PUBLICATIONS

## AGRICULTURE DEPARTMENT Washington, DC 20250

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

### Agricultural economic report.

- 03349 277. Structural characteristics of flue-cured tobacco farms and prospects for mechanization [with bibliography; by Verner N. Grise and others]. [Jan. 1975.] cover title, vi+46 p.il. 4° (Economic Research Service.) [Text on p. 2 of cover.] + ●Item 42-C

A 1.107:277

- 03350 282. Packing California mature green tomatoes, costs and efficiencies [with list of literature cited; by Edward V. Jesse J. [Feb. 1975.] iv+30 p.il. 4° (Economic Research Service.) + ●Item 42-C

A 1.107:282

- 03351 Agricultural statistics, 1974. 1974. viii+619 p. \*Paper, \$6.00 (S/N 0100-03335). ●Item 1

A 1.47:974

### Agriculture handbook.

- 03352 305. Professional workers in State agricultural experiment stations and other cooperating State institutions, 1974-75. Revised Jan. 1975. [1975.] iii+206 p. 4° (Cooperative State Research Service.) [Map on p. 4 of cover.] \*Paper, \$2.70. ●Item 3

A 1.76:305/974-75

- 03353 458. High-density apple orchards, planning, training, and pruning; [by Don R. Heinicke]. [Jan. 1975.] [2]+34 p.il. 4° (Agricultural Research Service.) \*Paper, 65c. (S/N 0100-03194). ●Item 3

A 1.76:458

- 03354 461. Insecticides from plants, review of literature, 1954-71 [with list of references; by Martin Jacobson J. [Jan. 1975.] cover title, ii+138 p. 4° (Agricultural Research Service.) \*Paper, \$2.00 (S/N 0100-03197). ●Item 3

A 1.76:461

- 03355 463. Peach production; [by H. W. Fogle and others]. Sept. 1974. ii+90 p.il. (Agricultural Research Service.) [Revises and supersedes Agriculture handbook 280, Peach production east of Rocky Mountains.] \*Paper, \$1.35 (S/N 0100-03215). ●Item 3

A 1.76:463

- 03356 467. Manual of genus Carex in Mexico and Central America [with bibliography]; by Frederick J. Hermann J. [Dec. 1974.] iv+219 p.il. (Forest Service.) \*Paper, \$2.85 (S/N 0100-03259). ●Item 3

A 1.76:467

### Farmers' bulletin.

- 03357 2126. Farm beef herd; [by P. A. Putnam and E. J. Warwick]. [Revised Jan. 1968, slightly revised Oct. 1974.] [1974.] 16 p.il. ([Beltsville Agricultural Research Center, Livestock and Veterinary Sciences, National Program Staff, Agricultural Research Service.]) \*Paper, 35c. (S/N 0100-03341). ●Item 9

A 1.9:2126/4

### Home and garden bulletin.

- 03358 1. Family fare, guide to good nutrition. Revised July 1974. [1974.] iii+91 p.il. (Consumer and Food Economics Institute, Agricultural Research Service.) [Includes list of publications on p. 4 of cover. Acknowledgement is made to National Marine Fisheries Services, National Oceanic and Atmospheric Administration, Department of Commerce, for contributions to this publication.] \*Paper, \$1.00. ●Item 11

A 1.77:1/10

- 03359 Market-oriented farm policies after 4 years, speech by Assistant Secretary of Agriculture Clayton K. Yeutter before annual meeting of National Grange, Sacramento, Calif., Nov. 15, 1974. [1974.] 9 p. 4° (USDA 3252-74.) +

A 1.40:Y 4/10

### Marketing research report.

- 03360 1029. Initial facilities for regional wholesale food distribution center at New Orleans; [by Earl G. Taylor and others]. [Dec. 1974.] cover title, [2]+70 p.il. 4° (Agricultural Research Service.) [Text on p. 3 of cover.] \*Paper, \$1.30 (S/N 0100-03350). ●Item 13-B

\*For Sale by Superintendent of Documents  
+ Distribution Made by Issuing Office  
# Not Available for Sale or Distribution



Picture Story.

- 03361 283. Research roundup 1974, agricultural research highlights which made news in 1974. Jan. 1975. [6] p.il. 4° (Agricultural Research Service.) +  
A 1.100:283
- 03362 284. Mechanizing the harvest. Jan. 1975. [6] p.il. 4° (Agricultural Research Service.)  
+  
A 1.100:284
- 03363 Remarks by Secretary of Agriculture Earl L. Butz at meeting of Non-Governmental Organizations on World Food Conference, Department of State, Washington, D.C., Sept. 4, 1974. 13 p. 4° (USDA 2522-74.) +  
A 1.40:B 98/89
- 03364 Remarks of Assistant Secretary of Agriculture Robert W. Long at annual conference of Indiana Association of Soil and Water Conservation Districts, West Lafayette, Ind., Dec. 2, 1974. [1974.] 9 p. 4° (USDA 3447-74.) +  
A 1.40:L 85/2
- 03365 Statement by Secretary of Agriculture Clayton K. Yeutter before Committee on Agriculture, U.S. House of Representatives, Aug. 6, 1974. [1974.] 8 p. 4° +  
A 1.40:Y 4/4

Statistical bulletin.

- 03366 536. Vacant housing, is it adequate and in right places? [by Ronald Bird ]. [Feb. 1975.] iv+35 p. 4° (Economic Research Service.) + ●Item 15  
A 1.34:536

Technical bulletin.

- 03367 1483. Yield of crested wheatgrass under 4 densities of big sagebrush in southern Idaho [with list of literature cited]; by A. C. Hull , jr. and G. J. Klomp. [Apr. 1974.] iv+38 p.il. (Agricultural Research Service.) \* Paper, 45c. (S/N 0100-02848). ●Item 16  
A 1.36:1483
- 03368 1488. Comparative biologies of *Oryzaephilus surinamensis* and *O. mercator* (Coleoptera:Cucujidae) on dried fruits and nuts [with list of literature cited; by C. E. Curtis and J. D. Clark]. [Nov. 1974.] ii-42 p.il. (Agricultural Research Service.) \* Paper, 55c. (S/N 0100-03201). ●Item 16  
A 1.36:1488
- 03369 1489. Oriental species of tribe Haematopotini (Diptera, Tabanidae) [with list of literature cited]; by Alan Stone and Cornelius B. Philip. Aug. 1974. [3]+240 p.il. (Agricultural Research Service.) \* Paper, \$2.05. (S/N 0100-03205). ●Item 16  
A 1.36:1489

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

**AFOSR TR (series). (Air Force Office of Scientific Research, Air Force Systems Command.)**

- 03370 74-0273. 19th annual AFOSR chemistry program review, FY 73; edited by Denton W. Elliott [and] David S. Olson. Jan. 1974. ix+107+[1] p.il. 4° (Air Force Office of Scientific Research, Directorate of Chemical Sciences.) [Includes lists of publications.] \$ (Price upon application). ●Item 422-B  
D 301.45/19:74-0273

**Air Force Human Resources Laboratory: [Technical report] AFHRL-TR (series). (Air Force Systems Command.)**

- 03371 72-50(1). Analysis and development of adaptive instructional model(s) for individualized technical training, phase 1 [with list of references]; by Duncan H. Hansen [and others]. Aug. 1973. cover title, [2]+113 p.il. 4° (Lackland Air Force Base, Tex.) [Contract F33615-72-C-1277, project 1193. Brooks Air Force Base, Tex., appears on cover.] #  
D 301.45/27:72-50(1)

## GOVERNMENT PUBLICATIONS

- 03372 74-57(1). Evaluating maintenance performance, analysis [with list of references]; by John P. Foley, jr. Oct. 1974. cover title, [2]+35 p. 4° (Wright-Patterson Air Force Base, Ohio.) [Brooks Air Force Base, Tex., appears on cover.] #  
D 301.45/27:74-57(1)

### Air Force manual AFM (series).

- 03373 78-7. See Defense Department, Defense Supply Agency handbook DSAH 4215.2.  
03374 78-41. See Defense Department, Defense Supply Agency handbook DSAH 4215.43.  
03375 78-54. See Defense Department, Defense Supply Agency handbook DSAH 4215.49.  
03376 160-48. Medical service, clinical laboratory procedures-parasitology [with bibliography].  
Aug. 1, 1974. [189] p.il. 4° [Some illustrations are colored. Supersedes AFM 160-48, Oct. 1, 1960, and TM 8-227-2, Aug. 24, 1961.] \* Paper, \$2.15. (S/N 0870-00351).  
●Item 421

D 301.7:160-48/3

### Air Force pamphlet AFP (series).

- 03377 190-1. Questions and answers about your United States Air Force. [July 15, 1974.]  
cover title, [1]+57+[5] p.il. 4° [Final pages are left blank to be used for notes.  
Supersedes AFP 190-1, 1971.] + ●Item 421-A

D 301.35:190-1/2

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

- 03378 En route air traffic control handbook, Change 7. [July 2, 1974.] [122]  
p.il. 4° (7110.9 C.) [Effective date Oct. 1, 1974. Cancels Jan. 1,  
1974. Issued with perforations.] \* Paper, \$13.50 (basic volume and  
supplementary material for indefinite period) add \$3.50 for foreign  
mailing. ●Item 431-D-1

TD 4.308:En 1/973/ch.7

- 03379 International flight information manual, v.22; Apr. 1974. [1974.]  
xxxv+223 p. 4° (Flight Services Division, National Flight Data  
Center (AAT-430.) [Issued with perforations.] \* Paper, \$6.00 (basic  
and supplementary material for one year); add \$1.50 for foreign mail-  
ing. ●Item 431-C-18

TD 4.309:22

### ALCOHOL, TOBACCO, AND FIREARMS BUREAU, Treasury Dept. Washington, DC 20224

- 03380 Identification of firearms within purview of National firearms act.  
[1974.] cover title, 40 p.il. oblong 32° (ATF P 5300.1 (1-75).) [Formerly  
IRS pub. 674.] \* Paper, 70c. (S/N 4812-00003). ●Item 971-B

T 70.2:F 51

### AMERICAN BATTLE MONUMENTS COMMISSION, 1000 Independence Ave. SW, Washington, DC 20314

- 03381 [Photolithographs of military cemeteries.] 4 colored prints each 16 x  
20 in. [Issued in cardboard mailing tube. Includes: Cambridge Amer-  
ican Cemetery and Memorial; Epinal American Cemetery and  
Memorial; Suresnes American Cemetery and Memorial; and Aisne-  
Marne American Cemetery and Memorial.] +

Y 3.Am 3:C 33/2

### AMERICAN REVOLUTION BICENTENNIAL ADMINISTRATION 2401 E. St. NW Washington, DC 20276

- 03382 Official master register of bicentennial activities. 4th edition Jan. 1975.  
[653] p. 4° [Includes margin index.] + ●Item 1089

Y 3.Am 3/6:2 R 26

\*For Sale by Superintendent of Documents  
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#Not Available for Sale or Distribution

MARCH 1975

ANIMAL AND PLANT HEALTH INSPECTION SERVICE,  
Agriculture Dept. Washington, DC 20250

- 03383 APHIS facts about ... Brucellosis, questions and answers. Nov. 1974.  
7 p. 4° (Veterinary Services.) +

A 101.2:B 83

ARMY DEPARTMENT, Defense Dept. Washington, DC 20310

Army regulations AR (series). [Issued with perforations.]

- 03384 135-180. Army National Guard and Army Reserve qualifying service for retired pay nonregular service. Aug. 1974. [11] p. 4° [Supersedes AR 135-180 of Oct. 27, 1967.] + ●Item 323

D 101.9:135-180

Field manual FM (series).

- 03385 31-60. River-crossing operations, 1776-1972 [with list of references]. Mar. 1972. cover title, [131] p.il. 4° [One illustration is colored. Supersedes FM 31-60 of Nov. 28, 1966. Issued with perforations.] # ●Item 324

D 101.20:31-60/3

Natick Laboratories, Natick, Mass.: Technical report. ([Army Materiel Command.]

- 03386 74-30-FL. Effect of selected binders on turkey roll quality [with list of references]; by Stephen Drake, George Walker and Robert Culler. Feb. 1974. [1]+iii+13+[2] p. 4° (Food Laboratory series FL-185.) [Project 1G762713A034, Military Food Service and Subsistence Technology.] #

D 106.21:74-30-FL

- 03387 74-50-FL. Quick eggs for self-service line [with list of references]; by R. D. Culler and W. J. Stadelman. Apr. 1974. [1]+iii+8+[2] p. 4° [Project 1T762713A034.] #

D 106.21:74-50-FL

- 03388 74-51-FL. Investigations of factors to improve texture and color of freeze-dehydrated and subsequently compressed red tart pitted cherries [with list of references]; by D. K. Salunkhe, J. Y. Do and C. Srisangnam. June 1974. vi+17+[2] p.il. 4° (Food Engineering Laboratory series FL-196.) #

D 106.21:74-51-FL

Pamphlet.

- 03389 550-16. Middle East, strategic hub and North Africa, bibliographic survey of literature. May 1973. cover title, ix+421+[1] p.il., 16 maps, 4° [Accompanied by envelope containing 7 colored maps. Contains copyright material.] \* Paper, \$14.75 (S/N 0820-00466). ●Item 327 (Rev. 1969)  
L.C. card 75-660777

D 101.22:550-16

- 03390 550-73. Area handbook for Argentina [with bibliography; by] Thomas E. Weil [and others]. 2d edition. 1974. xiv+404 p.il. [Prepared by Foreign Aid Studies, American University. Research completed Dec. 1973, 2d edition. Supersedes DA Pam. 550-73, Oct. 1969.] \* Cloth, \$7.20. ●Item 327 (Rev. 1969)  
L.C. card 74-16196

D 101.22:550-73/2

- 03391 624-1. Your pathway to success, enlisted promotion system. [June 18, 1974.] cover title, 33 p.il. 4° ([Military Personnel Center, Alexandria, Va.]) [Issued with perforations.] + ●Item 327 (Rev. 1969)

D 101.22:624-1

- 03392 R.O.T.C., Army ROTC scholarships. [Aug. 1974.] cover title, [18] p.il. oblong 48° [Illustrations are colored. Text on p. 3 of cover.] + ●Item 325

D 101.2:R 31/26

Technical manual TM (series).

- 03393 5-312. Military fixed bridges [with list of references]. Reprint, Dec. 1968 [1974.] [443] p.il. 4° [Reprint includes current pages from Changes 1 and 2. Contains copyrighted material. Supersedes TM 5-312, June 7, 1962; TM 5-285, June 27, 1944; TM 5-286, Apr. 30, 1945. Issued with perforations.] # ●Item 329

D 101.11:5-312/rep.

- 03394 8-227-2. Sec. Air Force Department, Air Force manual AFM (series) 160-48.



# GOVERNMENT PUBLICATIONS

03395 8-230. Army Medical Department handbook of basic nursing, corrected copy [with list of references]. Nov. 1970. [1974.] cover title, [524] p.il. 4° [Reprint including current pages from Change 1. Issued with perforations. Supersedes TM 8-230, May 8, 1961, FM 21-11, May 28, 1970, and FM 8-50, June 6, 1957, and all changes thereof. Contains copyright material.] \* Paper, \$6.15 ●Item 329

D 101.11:8-230/3/corr./rep.

03396 Today's Army in Europe. [1974.] [32] p.il. 4° [Illustrations are colored.] + ●Item 325

D 101.2:Ar 5/16

## USAAMRDL technical report. (Eustis Directorate, U.S. Army Air Mobility Research and Development Laboratory, Fort Eustis, Va.)

03397 74-21. Flight simulation of model 347 advanced tandem-rotor helicopter, final report; [by Don F. Kesler, Allen Y. Murakoshi, and John B. Sinacori]. Nov. 1974. cover title, [2]+163 p.il. 4° [Prepared by Northrop Corp., Aircraft Division, Hawthorne, Calif.] #

D 117.8/2:74-21

03398 74-47. OH-58A propulsion system vibration investigation, final report [with list of references; by James A. White]. Aug. 1974. cover title, xvi+173 p.il. 4° [Prepared by Bell Helicopter Co., Fort Worth, Tex.] #

D 117.8/2:74-47

03399 74-81. Development of aircraft battery conditioner/analyzer, final report. Dec. 1974. cover title, [1]+41 p.il. 4° [Prepared by Chrysler Corporation Space Division, New Orleans, La.] #

D 117.8/2:74-81

03400 74-84. Validity of induced environmental criteria [final report with list of literature cited; by John F. Bell]. Nov. 1974. cover title, vii+278 p. 4° [DA task 1F262209AH76; contract DAAJ02-73-C-0069; prepared by Boeing Vertol Co., Philadelphia, Pa.] #

D 117.8/2:74-84

03401 74-86. Automatic external load acquisition by helicopter, final report; [by David T. Liu]. Nov. 1974. cover title, [2]+188 p.il. 4° [Prepared by System Innovation and Development Corp., Rolling Hills Estates, Calif.] #

D 117.8/2:74-86

03402 74-89. Fan-in-fuselage advanced antitorque system, final report [with selected bibliography; by Carroll R. Akeley and George W. Carson]. Nov. 1974. cover title, [2]+97 p.il. 4° [Prepared by Kaman Aerospace Corp., Bloomfield, Conn.] #

D 117.8/2:74-89

03403 74-90. Feasibility of induction skin hardened tapered roller bearings for engine mainshaft and transmission pinion applications [with list of references; by J. W. Rosenlieb, H. M. Martinie, and R. E. Maurer]. Nov. 1974. cover title, [2]+68 p.il. 4° [Project 1F262209AH7603; contract DAAJ02-73-C-0009; prepared by S K F Industries, Inc., King of Prussia, Pa.] #

D 117.8/2:74-90

03404 74-96. Modified centrifugal compressor; [by Gary B. Reeves and Jeffrey K. Schweitzer]. Nov. 1974. cover title, [2]+79 p.il. 4° [Task 1G262207AH8901; contract DAAJ02-74-C-0003; prepared by Pratt & Whitney Aircraft Division, United Aircraft Corp., Florida Research and Development Center, West Palm Beach, Fla.] #

D 117.8/2:74-96

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

### Army Medical Research Laboratory, Fort Knox, Ky. report.

03405 1043. Isoelectric focusing of protein components of human erythrocyte membrane and their interaction with steroid hormones, interim report [with list of literature cited]; by Frank DeVenuto and Sarah M. Wilson. May 31, 1973. [1]+i+10+[2] p.il. 4° ([United States Army Medical Research and Development Command.]) [Project 3A062110A821; task 00; work unit 161.] #

D 104.14:1043

03406 1050. Transfusion of whole blood in patients in shock, progress report [with list of literature cited]; by Frank R. Camp, Jr., R. Ben Dawson and Asa Barnes. May 17, 1973. [1]+ii+16 p.il. 4° [Work unit 175, task 00, DA project 3A062110A821.] #

D 104.14:1050

03407 1059. Antibody response to repeated transfusions in compatible canine recipients, progress report [with list of literature cited]; by David E. Meixner, Charles E. Shields and Angelo I. Zegna. Aug. 23, 1973. [1]+i+6+[2] p. 4° [Work unit 175, task 00, DA project 3A162110A821.] #

D 104.14:1059

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# MARCH 1975

- 03408 1062. Current thoughts on blood transfusion reactions, progress report [with list literature cited]; by Frank R. Camp, jr., Robert M. Nalbandian and Nicholas F. Conte. Apr. 20, 1973. [1]+i+8 p. 4° [Work unit 175, task 00, DA project 3A062110A821.]

D 104.14:1062

- 03409 Residency program. [1975.] [3]+164 p. 4° (Walter Reed Army Medical Center, Washington, D.C.) [Issued with perforations.] # ●Item 351-A

D 104.2:R 31/3

## ATOMIC ENERGY COMMISSION Washington, DC 20545

### AEC research and development report.

- 03410 AEC-tr-7576. Remote nuclear heating and remote nuclear energy [with bibliography; by Th. Bohn et al.]. [Jan. 1975.] cover title, 49 p.il. 4° (Translation series.) § Paper, \$4.00. Y 3.At 7:22/AEC-tr-7576
- 03411 AEC-tr-7589. General criteria for new safety rules for sodium plants. [Dec. 1974.] cover title, 9 p. 4° (Translation series.) § Paper, \$4.00. Y 3.At 7:22/AEC-tr-7589
- 03412 AEC-tr-7592. Radioecology of water organisms: v. 3, Effects of ionizing radiation on water organisms [with bibliographies]. [Dec. 1974.] cover title, [1]+a-b+95 p.il. 4° (Translation series.) § Paper, \$5.45. Y 3.At 7:22/AEC-tr-7592
- 03413 AEC-tr-7598. Analysis of ion component of moving plasma [with bibliography; by P. I. Zavada and others]. [Jan. 1975.] cover title, 32 p.il. 4° (Translation series.) § Paper, \$4.00. Y 3.At 7:22/AEC-tr-7598
- 03414 AEC-tr-7599. On measurement of plasma potential by particle beams [with bibliography; by A. A. Kalmykov and C. A. Lavrent'yev]. [Jan. 1975.] cover title, 20 p.il. 4° [Translation series.] § Paper, \$4.00. Y 3.At 7:22/AEC-tr-7599
- 03415 ARMS-69.6.4. Aerial radiological measuring system: Aerial radiological measuring survey of Indian Point Station, Aug. 1969 [with list of references]. [1974.] cover title, viii+15 p.il. 4° [Some pages printed as leaves. Pages i and ii on p. 1-2 of cover. Map is colored.] § Paper, \$3.00. Y 3.At 7:22/ARMS-69.6.4
- 03416 ARMS-71.6.4. Aerial radiological measuring system: Aerial radiological measuring survey of Pilgrim Station, Sept. 1971 [with list of references]. [1974.] cover title, vii+15 p.il. 4° [Pages i and ii on p.1-2 of cover.] § Paper, \$3.00. Y 3. At 7:22/ARMS-71.6.4
- 03417 ARMS-72.6.5. Aerial radiological measuring system: Aerial radiological measuring survey of Cooper Nuclear Station, Aug. 1972 [with list of references]. [1974.] cover title, vii+15 p.il. 4° [Pages i and ii on p. 1-2 of cover.] § Paper, \$3.00. Y 3.At 7:22/ARMS-72.6.5
- 03418 ARMS-72.6.9. Aerial radiological measuring system: Aerial radiological measuring survey of Fort St. Vrain Nuclear Generating Station, Oct. 1971 [with list of references]. [1974.] cover title, vii+15 p.il. 4° [Pages i and ii on p. 1-2 of cover.] § Paper, \$3.00. Y 3.At 7:22/ARMS-72.6.9
- 03419 CONF-740115. Plutonium information meeting for ad hoc subcommittee of Advisory Committee on Reactor Safeguards, Jan. 4-5, 1974, Los Alamos, N. Mex. [with lists of references]. Dec. 1974. cover title, v+96 p.il. 4° § Paper, \$5.45. Y 3.At 7:22/CONF-740115
- 03420 CONF-740522. Proceedings of 9th International Conference on High Energy Accelerators, Stanford Linear Accelerator Center, Stanford University, Stanford, Calif., May 2-7, 1974 [with lists of references]. [1974.] xxi+769 p.il. 4° (International Union of Pure and Applied Physics; National Science Foundation.) § Cloth, \$13.60. Y 3.At 7:22/CONF-740522
- 03421 CONF-741105-3. Thermal isolation and confinement of plasma in Uragan (hurricane) stellarator [with list of references; by A. G. Dikiy and others]. [Dec. 1974.] cover title, [2]+16+[12] p.il. 4° § Paper, \$4.00. Y 3.At 7:22/CONF-741105-3
- 03422 CONF-741105-4. Confinement of plasma with low collision frequency in stellarators with shear [with list of references; by V. S. Voytsenya and others]. [Dec. 1974.] cover title, [2]+12+[5] p.il. 4° (Translation series.) § Paper, \$4.00. Y 3.At 7:22/CONF-741105-4
- 03423 CONF-741105-5. Heating of plasma by powerful relativistic electron beam in strong magnetic field [with list of references; by A. V. Arzhannikov and others]. [Dec. 1974.] cover title, [2]+14+[7] p.il. 4° (Translation series.) § Paper, \$4.00. Y 3.At 7:22/CONF-741105-5

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# GOVERNMENT PUBLICATIONS

- 03424 CONF-741105-6. Production of hot ion plasma on lower hybrid resonance and measurement of its parameters [with list of references; by V. M. Glagolev and others]. [Dec. 1974.] cover title 20 p.il. 4° (Translation series.) \$ Paper, \$4.00.
- 03425 CONF-741105-7. Plasma confinement in PR-7 trap [with list of references; by Yu. V. Gott and others]. [Dec. 1974.] cover title, 16+[4] p.il. 4° (Translation series.) \$ Paper, \$4.00.
- 03426 CONF-741105-8. Plasma confinement in Ogra-3 simple mirror trap in presence of multi-element feedback system [with list of references; by V. A. Zhil'stov and others]. [Dec. 1974.] cover title, [2]+[12]+[7] p.il. 4° (Translation series.) \$ Paper, \$4.00.
- 03427 CONF-741105-9. Pulsed toroidal system with automated confinement chamber; [by A. G. Yes'kov and others]. [Dec. 1974.] cover title, [1]+10 p. 4° (Translation series.) \$ Paper, \$4.00.
- 03428 CONF-741105-10. Experimental investigations into interaction of high-power laser radiation with plasma in Mishen'-1 and Mishen'-2 devices [with list of references; by V. V. Aleksandrov and others]. [Dec. 1974.] cover title, 14+[4] p.il. 4° (Translation series.) \$ Paper, \$4.00.
- 03429 CONF-741105-11. Effectiveness of 'theta-pinch-with-liner' type of thermonuclear system [with list of references; by S. G. Alikhanov and I. K. Konkashbaev]. [Dec. 1974.] cover title, 10+[4] p.il. 4° (Translation series.) \$ Paper, \$4.00.
- 03430 CONF-741105-12. Stellarator, magnetic system for containment of plasma with improved toroidal equilibrium [with list of references; by I. S. Danilkin and L. M. Kovrizhnykh]. [Dec. 1974.] cover title, [1]+14+[3] p.il. 4° (Translation series.) \$ Paper, \$4.00.
- 03431 C00-2245-13. Coolant mixing in LMFBR rod bundles, quarterly progress report, June 1-Aug. 31, 1974. [with list of references; by Neil E. Todreas ]. 1974. cover title, [1]+27 p.il. 4° [Department of Nuclear Engineering, Massachusetts Institute of Technology, Cambridge, Mass. Prepared under contract AT(11-1)-2245.] \$ Paper, \$4.00.
- 03432 FIND-STN-50437. Fiche index for nuclear dockets: Offshore power systems, floating nuclear plants, plant design report; [edited by Faye Horn ]. Oct. 1974. cover title, iv+75 p. 4° (Advisory Committee on Reactor Safeguards.) [Issued with perforations.] \$ Paper, \$5.45.
- 03433 TID-85-R11. Report number codes used by USAEC technical information center in cataloging reports; [compiled by Helen W. White and Edna Cockrell]. [11th. revised edition.] Dec. 1974. cover title, [4]+187 p. 4° \$ Paper, \$7.60.
- 03434 TID-3557-S4. Controlled fusion and plasma research, literature search; [compiled by Milton O. Whitson ]. Nov. 1974. cover title, iv+285+52 p. 4° \$ Paper, \$10.60.
- 03435 TID-26553-P1. Mass spectra of compounds of biological interest: v.1, Indices; edited and compiled by S. P. Markey , W. G. Urban, and S. P. Levine. [1974.] [1]+262 p. 4° [Prepared in collaboration with Committee 6, American Society for Mass Spectrometry.] \$ Paper, \$7.60.
- 03436 TID-26553-P2. Mass spectra of compounds of biological interest: v.2, pt.1, Spectra; edited and compiled by S. P. Markey , W. G. Urban, and S. P. Levine. [1974.] [3]+482 p.il. 4° [Prepared in collaboration with Committee 6, American Society for Mass Spectrometry.] \$ Paper, \$10.60.
- 03437 TID-26553-P3. Mass spectra of compounds of biological interest: v.2, pt.2, Spectra; edited and compiled by S. P. Markey , W. G. Urban, and S. P. Levine. [1974.] [1]+483-964 p.il. 4° [Prepared in collaboration with Committee 6, American Society for Mass Spectrometry.] \$ Paper, \$10.60.
- 03438 TID-26615. CAMAC, definition of IML, language for use in CAMAC systems. Jan. 1975. cover title, iv+36 p.il. 4° (Energy Research and Development Administration.) [Prepared by ESONE Committee, Software Working Group and AEC NIM Committee, Software Working Group. Except for cover and title page, this report is identical to ESSONE/IML/01, Oct. 1974.] \* Paper, 85c. ●Item 1051-C
- 03439 WASH-1174-74. Nuclear industry, 1974 [with lists of references]. [1974.] cover title, viii+113 p.il. 4° \* Paper, \$1.90. ●Item 1051-C & 1051-O  
L.C. card 65-60723

Y 3.At 7:22/WASH-1174-74

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- 03440 WASH-1235. Technical report on technique for consideration of population in site comparison [final report]; [by Joel E. Kohler, Albert P. Kenneke, and Brian K. Grimes]. Oct. 1974. cover title, [119] p.il. 4° ([Directorate of Licensing]; Regulatory Staff.) \* Paper, \$1.90. ●Item 1051-C  
Y 3.At 7:22/WASH-1235
- 03441 WASH-1264. Everything you always wanted to know about shipping high-level nuclear wastes [with bibliography]. Aug. 1974. vii+49 p.il. (Transportation Branch, Division of Waste Management and Transportation.) \* Paper, 70c. ●Item 1051-C  
Y 3.At 7:22/WASH-1264/2
- 03442 WASH-1335. Methods for accountability of plutonium dioxide [with lists of references]; by R. G. Gutmacher, F. Stephens, and K. Ernst]. Dec. 1974. cover title, [193] p.il. 4° (Directorate of Regulatory Standards.) \* Paper \$2.65. ●Item 1051-C  
Y 3.At 7:22/WASH-1335
- 03443 WASH-1355. Nuclear power facility performance characteristics for making environmental impact assessments [with list of references]. Dec. 1974. cover title, [231] p.il. 4° ([Directorate of Regulatory Standards.]) \* Paper, \$3.35. ●Item 1051-C  
Y 3.At 7:22/WASH-1355
- 03444 Atomic Energy Commission reports: v.4, Opinions and decisions of Atomic Energy Commission with selected orders, July 1, 1967-June 30, 1972. 1973. xv+1424 p.il. \* Paper, \$14.70 ●Item 1051-J  
Y 3.At 7:49/4
- 03445 Financial report, 1974. [1974.] cover title, iv+56 p.il. 4° \* Paper, \$1.40 (S/N 5210-00414). ●Item 1051-M  
Y 3.At 7:39/974

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

- 03446 Construction report, C45: Housing units authorized for demolition in permit-issuing places, 1973. [Sept. 1974.] cover title, [1]+68 p. 4° ([Construction Statistics Division.]) + Paper, \$1.25. ●Item 140-A (Rev.)  
L.C. card 77-609530 C 56.211/8:973
- 03447 County business patterns 1973 publications order form. Dec. 1974. 8 p. narrow 8° [Publications order form 28.] +  
C 56.233:973/ann.
- County business patterns, 1973, CBP (series). ([Economic Statistics and Surveys Division.]) [Prepared with assistance of Social Security Administration.]
- 03448 73-17. Iowa. [Oct. 1974.] cover title, [2]+113 p.il. 4° \* Paper, \$2.45. ●Item 133-A  
L.C. card 49-45747 C 56.233:73-17
- 03449 73-29. Nebraska. [Sept. 1974.] cover title, [2]+73 p.il. 4° \* Paper, \$1.80. ●Item 133-A  
L.C. card 49-45747 C 56.233:73-29
- 03450 73-36. North Dakota. [Sept. 1974.] cover title, [2]+44 p.il. 4° \* Paper, \$1.30. ●Item 133-A  
L.C. card 49-45747 C 56.233:73-36

## Current industrial reports. (Industry Division.)

- 03451 M22P(74)-13. Cotton, manmade fiber staple, and linters, summary for cotton season 1973-74. Nov. 1974. 7 p. 4° + Paper, 15c. ●Item 142-A  
C 56.216:M22P(74)-13
- 03452 M26A(74)-10 Pulp, paper, and board. Jan. 1975. 7 p. 4° + Paper, 15c. ●Item 142-A  
C 56.216:M26A(74)-10
- 03453 M30F(73)-13. Shipments of thermoplastics pipe, tube, and fittings, summary for 1973. Aug. 1974. 5 p. 4° + Paper, 15c. ●Item 142-A  
C 56.216:M30F(73)-13
- 03454 MA-23A(73)-1. Apparel 1973. Dec. 1974. [2]+22 p. 4° + Paper, 25c. ●Item 142-A  
C 56.216:MA-23A(73)-1
- 03455 MA-25H(73)-1. Manufacturers' shipments of office furniture, 1973. Dec. 1974. 7 p.il. 4° + Paper, 25c. ●Item 142-A  
C 56.216:MA-25H(73)-1
- 03456 MA-30B(73)-1. Rubber and plastics hose and belting, 1973. Jan. 1975. [2] p. 4° + Paper, 25c. ●Item 142-A



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- 03457 MA-33B(73)-1. Steel mill products, 1973. Jan. 1975. [2]+28 p. 4° C 56.216:MA-30B(73)-1  
142-A + Paper, 25c. ●Item 142-A
- 03458 MA-35R(73)-1. Office, computing and accounting machines, 1973. Dec. 1974. 8 p. 4° C 56.216:MA-33B(73)-1  
+ Paper, 25c. ●Item 142-A
- 03459 MA-36A(73)-1. Switchgear, switchboard apparatus, relays and industrial controls, 1973. C 56.216:MA-35R(73)-1  
Dec. 1974. 5 p. 4° + Paper, 25c. ●Item 142-A
- 03460 MA-38Q(73)-1. Selected atomic energy products, 1973. Dec. 1974. 4 p. 4° + Paper, C 56.216:MA-36A(73)-1  
25c. ●Item 142-A
- 03461 MQ-22K(73)-5. Shipments of knit cloth, including interplant transfers, summary for 1973. C 56.216:MA-38Q(73)-1  
Aug. 1974. [2]+11 p. 4° + Paper, 25c. ●Item 142-A
- 03462 MQ-22T.1(73)-5. Cotton broadwoven gray goods, summary for 1973. July 1974. 8 p. C 56.216:MQ-22K(73)-5  
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- 03463 MQ-22T.2(73)-5. Manmade fiber broadwoven goods, summary for 1973. July 1974. 7 C 56.216:MQ-22T.1(73)-5  
p. 4° + Paper, 25c. ●Item 142-A
- 03464 MQ-32C(73)-5. Refractories, summary for 1973. Oct. 1974. 6 p. 4° + Paper, 25c. C 56.216:MQ-22T.2(73)-5  
●Item 142-A
- 03465 MQ-32C(73)-6. Refractories, shipments by type of customer, annual supplement, 1973. C 56.216:MQ-32C(73)-5  
Dec. 1974. 2 p. 4° + ●Item 142-A
- 03466 MQ-34E(73)-5. Plumbing fixtures, summary for 1973. Jan. 1975. 9 p. 4° + Paper, 25c. C 56.216:MQ-32C(73)-6  
●Item 142-A
- C 56.216:MQ-34E(73)-5

## Current population reports: Series P-20, Population characteristics.

\* Paper, \$56.00 (Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for a year), and \$14.00 for foreign mailing; single copy prices vary.

- 03467 265. Fertility expectations of American women, June 1973; [prepared by Wilson H. C 56.218:P-20/265  
Grabill and Maurice J. Moore]. June 1974. cover title, ii+62 p.il. 4° [Issued with  
perforations.] \* Paper, \$1.20. ●Item 142-C
- 03468 275. Voter participation in November 1974 (advance report). Jan. 1975. 6 p. 4° \* Paper, C 56.218:P-20/275  
45c. ●Item 142-C

## Current population reports: Series P-25, Population estimates and projections. \* Paper, \$56.00 (Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for a year), add \$14.00 for foreign mailing; single copy prices vary.

- 03469 538. Estimates of population of United States to Nov. 1, 1974. Dec. 1974. 2 p.il. 4° C 56.218:P-25/538  
\* Paper, 30c. ●Item 142-C
- 03470 539. Estimates of population of States by age, July 1, 1973 and 1974. Jan. 1975. 4 C 56.218:P-25/539  
p.il. 4° \* Paper, 30c. ●Item 142-C
- 03471 Fact sheet for current population survey. [1974.] 2 p.il. f° folded into C 56.202:P 81/974  
oblong 48° size + ●Item 146

## Government finances GF 73 (series). ([Governments Division.])

- 03472 6. Local government finances in selected metropolitan areas and large counties, 1972- C 56.209:973/6  
73. Dec. 1974. [3]+129 p. 4° [Prepared by Finance Branch]. \* Paper, \$2.00. ●Item  
146-E  
L.C. card A59-10097
- 03473 Governmental finance and employment at glance. Oct. 1974. 5 p.il. C 56.2:G 74  
4° +

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MARCH 1975

**CENTER FOR DISEASE CONTROL, Health, Education, and Welfare**  
**Dept. Atlanta, GA 30333**

- 03474 Health consequences of smoking, 1974 [with bibliographies]. Jan. 1974. xi+124 p.il. ([DHEW publication (CDC) 74-8704.]) \* Paper, \$1.60 (S/N 1723-00087). ●Item 504

HE 20.7016:974

- 03475 Neurotropic diseases surveillance, poliomyelitis annual summary 1972 [with bibliography]. Oct. 1974. [2]+18 p.il. 4° ([DHEW publication (CDC) 75-8214.]) +

HE 20.7011/5:P 75/972

- 03476 Salmonella surveillance, annual summary 1973. Dec. 1974. [3]+28 p.il. 4° ([DHEW publication (CDC) 74-8219.]) [Report 121.] +

HE 20.7011/15:973

**CIVIL AERONAUTICS BOARD Washington, DC 20428**

- 03477 Aircraft operating cost and performance report for calendar years 1972 and 1973, [v.8]. [June 1974.] viii+[1]+106 p. oblong 8° (Economic Evaluation Division, Statistical Division, Bureau of Accounts and Statistics.) \* Paper, \$2.65 (S/N 0306-00060). ●Item 177-A-1

C 31.259:8

**CIVIL RIGHTS COMMISSION Washington, DC 20425**

- 03478 Federal and State services and Maine Indian. Dec. 1974. cover title, ix+108 p. 4° [Report prepared by Maine Advisory Committee.] + ●Item 288-A

L.C. card 75-600882

CR 1.2:In 2/3

Federal civil rights enforcement effort, 1974.

- 03479 v.3. To ensure equal educational opportunity. Jan. 1975. [1]+xiv+396 p.il. 4° + ●Item 288-A

CR 1.2:En 2/2/974/v.3

- 03480 te rights and Kansas State prison system. Dec. 1974. cover title, ix+128 p. 4° [Report prepared by Kansas Advisory Committee.] + ●Item 288-A

L.C. card 75-601082

CR 1.2:K 13

- 03481 Voting rights act, ten years after. Jan. 1975. cover title, xv+483 p.il. 4° + ●Item 288-A

CR 1.2:V 94/3

- 03482 Warehousing human beings [report of New York State Correctional System]. Dec. 1974. cover title, xiii+90 p. 4° [Report prepared by New York State Advisory Committee.] + ●Item 288-A

L.C. card 75-600881

CR 1.2:W 22

**CIVIL SERVICE COMMISSION Washington, DC 20415**

- 03483 Agency upward mobility training plans for selected occupations. July 1974. [71] p. 4° (Training Leadership.) +

CS 1.2:T 68/5

- 03484 Executive seminar/workshop in ADP. [Dec. 1974.] cover title, [8] p.il. (Bureau of Training, ADP Management Training Center; 24AG; [Interagency Training Programs; CST 24-0133].) + ●Item 295

CS 1.2:Au 8/3

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Springfield, VA 22151

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# GOVERNMENT PUBLICATIONS

## Pamphlet.

- 03485 SM 59-06. Occupations of Federal blue-collar workers, Oct. 31, 1972. [1974.] [4]+ii+38 p. 4° (Bureau of Manpower Information Systems, Manpower Statistics Division.) \* Paper, \$1.00 (S/N 0600-00815). ●Item 299

CS 1.48:SM 59-06

## Personnel bibliography series.

- 03486 60. Employee benefits and services. 1974. [5]+74 p. 4° (Library.) \* Paper, \$1.40  
●Item 300-A-1  
L.C. card 75-600972 CS 1.61/3:60
- 03487 Personnel management for equal employment opportunity specialists, case book. [1974.] cover title, [51] p. 4° (Bureau of Training, Personnel Management Training Center.) +  
CS 1.2:P 43/13
- 03488 Report of project to develop, test, and evaluate improved approach to evaluation of non-supervisory positions at GS-1 thru GS-15. July 1974. cover title, [5]+ii+163 p. 4° (Bureau of Policies and Standards, Standards Division, Test and Implementation Group.) +  
CS 1.2:P 84/5
- 03489 Summary of selected fy 1974 IPA [Intergovernmental personnel act] grant project. Dec. 1974. cover title, [2]+454 p. 4° (BIPP 152-53; Personnel Management Information Service.) + ●Item 295  
CS 1.2:Ip 1/974

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

### Research and development report.

- 03490 30. Coal processing by electrofluidics, interim report 3, Mar.-Aug. 1974 [with list of literature cited]. [Aug. 1, 1974.] cover title, v+124 p.il. 4° [Prepared by Iowa State University of Science and Technology, Ames, Iowa under contract 14-01-0001-479.] \* Paper, \$1.95. ●Item 606-C-2  
I 63.10:30/int.3
- 03491 37. Computer applications in underground mining systems: sec. 1, CONTUR program, sec. 2, RESERV-COAL program, sec. 3, RAMPLAN 1 program, sec. 4, COST-SCHED 2 program, sec. 5, ECONOVAL program, period of performance, Sept. 1968-Dec. 1973, final report [with lists of references]. [1975.] [568] p.il. 4° [Prepared under OCR contract 14-01-0001-410 by Division of Minerals Engineering, Virginia Polytechnic Institute and State University, Blacksburg, Va.] \* Paper, \$6.10 ●Item 606-C-2  
I 63.10:37/final rpt.
- 03492 80. Direct production of hydrocarbons from coal-steam systems, final report, Nov. 1968-Nov. 1973; prepared by David K. Bosshardt [and others]. [1974.] iv+80 p.il. 4° [Contract 14-01-0001-1196.] \* Paper, \$2.15. ●Item 606-C-2  
I 63.10:80
- 03493 82. Demonstration plant clean boiler fuels from coal, preliminary design, capital cost estimate, interim report 1, v.2 [1975.] [1]+ii+48+[2] p.il. 4° [Prepared under contract 14-32-0001-1234 by Ralph M. Parsons Company, Los Angeles, Calif.] \* Paper, \$4.35. ●Item 606-C-2  
I 63.10:82/int.1/v.2
- 03494 82. Demonstration plant, clean boiler fuels from coal, preliminary design/economic analysis, interim report 1, v.3. [1974.] [65] p.il. 4° [Prepared by Ralph M. Parsons Company, Pasadena, Calif., under contract 14-32-0001-1234.] \* Paper, \$1.60. ●Item 606-C-2  
I 63.10:82/int.1/v.3
- 03495 84. Clean power generation from coal [with bibliographies]. [1974.] [351] p.il. 4° [Prepared by Westinghouse Research and Development Center, Pittsburgh, Pa., under contract 14-32-0001-1223, June 30, 1972-Jan. 23, 1973.] \* Paper, \$3.30. ●Item 606-C-2  
I 63.10:84
- 03496 86. Application study of nuclear coal solution gasification process for Oklahoma coal, final report [with lists of references], May 1972. [245] p.il. 4° [Prepared by General Atomic Company and Stone and Webster Engineering Company under contract 10000 for State of Oklahoma, Industrial and Park Department.] \* Paper, \$7.50. ●Item 606-C-2  
I 63.10:86

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- 03497 93. Development program on pressurized fluidized-bed combustion, interim report 1 for period July 1973-June 1974, Argonne National Laboratory [with list of references]. Oct. 1974. 135 p.il. 4° (Report ANL/ES-CEN 1007.) [Prepared under contract 14-32-0001-1543 by Office of Research and Monitoring, Environmental Protection Agency.] \* Paper, \$2.05. ●Item 606-C-2 I 63.10:93/int.1
- 03498 95. Development of steam-iron system for production of hydrogen for HYGAS process, interim report 1, May 1973-June 1974 [with list of references cited]; by P. Tarman [and others]. [1974.] [1]+xiii+213 p.il. 4° [Prepared by Institute of Gas Technology IIT Center, Chicago, Ill., under contract 14-32-0001-1518.] \* Paper, \$3.25. ●Item 606-C-2 I 63.10:95/int.1
- 03499 99. Economic system analysis of coal preconversion technology, interim report 1, Aug. 1973-June 1974 [with bibliographies]. June 1974. cover title, [403] p.il. 4° [Prepared by Fluor Utah, Inc., San Mateo, Calif. under contract 14-32-0001-1520.] \* Paper, \$4.55. ●Item 606-C-2 I 63.10:99/int.1
- 03500 102. Prospective regional markets for coal conversion plant products projected to 1980 and 1985: v.1, Market analysis, final report. Sept. 16, 1975. [789] p.il. 4° [Prepared by Energy Division, Foster Associates, Inc., Washington, D.C. under contract 14-32-0001-1509.] \* Paper, \$8.10 (S/N 2414-00091). ●Item 606-C-2 I 63.10:102/v.1

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

- 03501 Coast Guard organization manual. [1974.] [347] p.il. 4° (CG-229.) [Issued with perforations. Supersedes manual of Jan. 26, 1968, and manual CG-229-1 of May 9, 1967.] + ●Item 934-A TD 5.8:Or 3/974
- 03502 Enlisted billet manual. Dec. 1974. cover title, [1]+137 p. 4° (CG-445.) [Accompanied by letter of promulgation. Issued with perforations.] # ●Item 934-A TD 5.8:En 5/2
- 03503 Light list: v.3, Pacific Coast and Pacific Islands, 11th, 12th, 13th, 14th, and 17th Coast Guard districts, Nov. 30, 1974, including N.M. 48 of 1974. 1975. xxxii+315+[2] p.il. 4° (CG-162.) [Publication contains list of lights, fog signals, buoys, daybeacons, lightships, radiobeacons, racon, and loran stations. Some illustrations are colored. Map on page 2 of cover, Supersedes 1974 edition.] \* Paper, \$3.15 (S/N 5012-00075). ●Item 940 TD 5.9:v.3/975

## 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.

- 03504 Address by Secretary of Commerce Frederick B. Dent prepared for delivery at Salute to Industry Week annual banquet of South Bend-Mishawaka area Chamber of Commerce, South Bend, Ind., Jan. 13, 1975. 1975. 12 p. 4° + C 1.18:D 43/45
- 03505 Address by Secretary of Commerce Frederick B. Dent prepared for delivery at 35th annual meeting of South Carolina Chamber of Commerce, Columbia, S.C., Jan. 14, 1975. [1975.] 13 p 4° + C 1.18:D 43/44
- 03506 Annual report of Secretary of Commerce for fiscal year ended June 30, 1974. [1974.] vi+88 p.il. 4° \* Paper, \$1.55. ●Item 126 C 1.1:974



## GOVERNMENT PUBLICATIONS

- 03507 Basic factors in our economy, challenges for 1975, remarks by Robert S. Milligan, Director, Office of Policy Development, Department of Commerce, at Business Opportunity Procurement Conference luncheon, Des Moines, Iowa, Jan. 16, 1975. 17 p. 4° +  
C 1.18:M 62

### COMMUNICATION OFFICE, Agriculture Dept. Washington, DC 20250

- 03508 Agriculture USA, narrative guide for slide set and filmstrip C-197. Nov. 1974. cover title, 28 p.il. +  
A 21.28:Ag 8

### COMMUNITY HEALTH SERVICES BUREAU, Health, Education, and Welfare Dept. Rockville, MD 20852

- 03509 Annotated list of references on program consultation for professional health personnel; compiled by Mary E. Watts. 1974. [2]+10 p. (DHEW publication (HSA) 74-5504.) + ●Item 512-E-3  
HE 20.5110:P 94
- 03510 Comprehensive bibliography on health maintenance organizations, 1970-73; [compiled by Patricia N. Pinel]. 1974. vi+96 p. 4° ([DHEW publication (HSA) 75-13021.]) + ●Item 512-E-3  
L.C. card 75-600772 HE 20.5110:H 34/2/970-73
- 03511 Do you want to do something special? You can in Harlingen, Tex.; Santa Fe, N.Mex.; Cherokee, Ala.; or any of other 220 communities served by National Health Service Corps. [1974.] [2] p.il. 4° folded into oblong 48° size (DHEW publication (HSA) 75-15010.) + ●Item 532-E-1  
HE 20.5102:N 21
- 03512 Projects for intensive infant care, new hope for newborn. 1974. [6]+14 p.il. 4° (DHEW publication (HSA) 74-5010.) \* Paper, 70c. (S/N 1731-0004). ●Item 532-E-1  
HE 20.5102:In 3

### COMPETITIVE ASSESSMENT AND BUSINESS POLICY BUREAU, Commerce Dept. Washington, DC 20230

- 03513 Copper [industry report], 1973 annual statistical supplement; [Rodney A. Joseph, editor]. June 1974. 16 p. 4° ([Materials Division.])  
\* Paper, \$2.00 a yr; add 50c. for foreign mailing. ●Item 220-A  
C 57.312/2:18

## CONGRESS

Congressional record, proceedings and debates of 93d Congress, 1st session, v.119. [Permanent edition.]L.C. card 12-36438

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- 03514 pt.1. Jan. 3-16, 1973. 1973. [2]+3-1318 p. 4° \* Cloth, \$17.20. ●Item 993  
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- 03515 pt.6. Mar. 7-14, 1973. 1973. [1]+6699-7954 p. 4° \* Cloth, \$13.20. ●Item 993  
X.93/1:119/pt.6

### Congressional serial set

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## MARCH 1975

been previously listed in the Monthly catalog. The following bound volumes were sent to depository libraries during the period of this catalog:

### House document:

- 03516 no. 338, 93d Congress, 2d session, 75th Encampment, United Spanish War Veterans, 1973 [Serial 13074-5]. ●Item 995-K

### House reports:

- 03517 nos. 676-762, with exceptions, 92d Congress, 1st session, House miscellaneous reports on public bills VI [Serial 12932-6]. ●Item 1007-A

### Senate document:

- 03518 no. 65, 93d Congress, 2d session, Convention of American instructors of the deaf, 1973 [Serial 13068]. ●Item 995-G

### Senate reports:

- 03519 nos. 35-536, with exceptions, 92d Congress, 1st session, Senate special reports [Serial 12931-1]. ●Item 1007-A  
03520 nos. 525-590, with exceptions, 92d Congress, 1st session, Senate miscellaneous reports on public bills VI [Serial 12929-6]. ●Item 1007-A

## Laws

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### Private laws, 93d Congress. +House or Senate Document Rooms, Capitol.

- 03521 102. S.3578, act for relief of Anita Tomasi. Approved Dec. 27, 1974. 1 p.  
03522 103. S.184, act to authorize and direct Secretary of Interior to sell interests of United States in certain lands located in Alaska to Gospel Missionary Union. Approved Dec. 31, 1974. 1 p.  
03523 105. S.2594, act for relief of Jan Sejna. Approved Dec. 31, 1974. 1 p.  
03524 107. H.R.3538, act for relief of Selmer Amundson. Approved Dec. 31, 1974. 1 p.  
03525 115. H.R.8322, act for relief of William L. Cameron, jr. Approved Jan. 2, 1975. 1 p.  
03526 116. H.R.9182, act for relief of Fernando Labrador del Rosario. Approved Jan. 2, 1975. 1 p.  
03527 118. H.R.9654, act for relief of Aldo Massara. Approved Jan. 2, 1975. 1 p.  
03528 119. H.R.10827, act for relief of Kiyonao Okami. Approved Jan. 2, 1975. 1 p.  
03529 120. H.R.11847, act for relief of certain fire districts and departments in Missouri to compensate them for expenses relating to fire on Federal property. [Approved Jan. 2, 1975.] 2 p.  
03530 121. H.R.13869, act for relief of Carl C. Strauss and Mary Ann Strauss. Approved Jan. 2, 1975. 1 p.  
03531 122. H.R.14461, act for relief of Judith E. Sterling. Approved Jan. 2, 1975. 1 p.  
03532 123. S.251, act for relief of Frank P. Muto, Alphonso A. Muto, Arthur E. Scott, F. Clyde Wilkinson, Arthur D. O'Neill, Joseph H. Avery, jr., Joshua Cosden, Keith Jewell, Bertha Seelmeyer, Thomas Dennis O'Neill, Robert H. Brockhurst, Michael Senko, Salvatore La Capria, C. J. Moore III, and Ann C. Siegal. Approved Jan. 3, 1975. 1 p.

### Public laws, 93d 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 \$90.00 per session, add \$22.50 for foreign mailing; single copies vary in price.

- 03533 269. H.R.12253, act to make certain appropriations available for obligation and expenditure until June 30, 1975, and for other purposes. [Approved Apr. 18, 1974.] 3 p. \* Paper, 25c.  
03534 335. H.R.15124, act to amend Public law 93-233 to extend for additional 12 months (until July 1, 1975) eligibility of supplemental security income recipients for food stamps. Approved July 8, 1974. 1 p. \* Paper, 25c.  
03535 432. H.R.5507, act to authorize conveyance to city of Salem, Ill., statue of William Jennings Bryan. Approved Oct. 4, 1974. 1 p. \* Paper, 25c.  
03536 434. Act to amend Emergency daylight saving time energy conservation act of 1973 to exempt from its provisions period from last Sunday in Oct. 1974, through last Sunday in Feb. 1975. Approved Oct. 5, 1974. 1 p. \* Paper, 25c.

## GOVERNMENT PUBLICATIONS

- 03537 463. H.R.13113, act to amend Commodity exchange act to strengthen regulation of futures trading, to bring all agricultural and other commodities traded on exchanges under regulation, and for other purposes. [Approved Oct. 23, 1974.] 28 p. \* Paper, 35c.
- 03538 493. H.R.15736, act to authorize, enlarge, and repair various Federal reclamation projects and programs, and for other purposes. [Approved Oct. 27, 1974.] 14 p. \* Paper, 25c.

### Conference Committee Washington, DC 20515

- 03539 Social services amendments of 1974, H.R.17045, brief description of Senate amendments; Dec. 18, 1974. 1974. ii+34 p. (Conference committee print, 93d Congress, 2d session.) #

Y 4.C 76/1:So 1/2/974

### Congressional Operations Joint Committee Washington, DC 20510

- 03540 Congress and Mass communications, hearings, 93d Congress, 2d session, Feb. 20-Apr. 10, 1974. 1974. v+446 p. + ●Item 1000-A

Y 4.C 76/7:C 73/3

### Economic Joint Committee Washington, DC 20510

- 03541 Current services budget, 1976, staff study prepared for use of Subcommittee on Priorities and Economy in Government; Dec. 31, 1974. 1974. v+10 p. (Joint committee print, 93d Congress, 2d session.) [Prepared by Congressional Research Service, Library of Congress, with assistance of staff of Joint Committee on Internal Revenue Taxation.] \* Paper, 30c. ●Item 1000

Y 4.Ec 7:Se 6/976

- 03542 Energy statistics, hearings before Subcommittee on Priorities and Economy in Government, 93d Congress, 1st and 2d sessions, Jan. 14 and 21, 1974. 1974. v+446 p.il. \* Paper, \$3.85 (S/N 5270-02575). ●Item 1000

L.C. card 74-602962

Y 4.Ec 7:En 2/7

### House reports

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

#### House reports on private bills, 93d Congress. +House Documents Room, Capitol. ●Item 1008-B

- 03543 1530. Marlin Toy Products, Inc. Report from Committee on Judiciary to accompany H.Res.1181. Dec. 10, 1974. 3 p.
- 03544 1531. Charles P. Bailey. Report from Committee on Judiciary to accompany H.R.2770. Dec. 10, 1974. 5 p.
- 03545 1532. Tri-State Motor Transit Co. Report from Committee on Judiciary to accompany H.R.11607. Dec. 10, 1974. 3 p.
- 03546 1534. Mary Red Head. Report from Committee on Judiciary to accompany S.1357. Dec. 10, 1974. 3 p.
- 03547 1535. Charles William Thomas, deceased. Report from Committee on Judiciary to accompany S.2446. Dec. 10, 1974. 7 p.
- 03548 1536. Michael D. Manemann. Report from Committee on Judiciary to accompany S.2838. Dec. 10, 1974. 9 p.
- 03549 1538. Manuel Bonton. Report from Committee on Judiciary to accompany H.R.11934. Dec. 10, 1974. 7 p.
- 03550 1539. Lystra Umlita Downs. Report from Committee on Judiciary to accompany H.R.12821. Dec. 10, 1974. 9 p.
- 03551 1540. Judith E. Sterling. Report from Committee on Judiciary to accompany H.R.14461. Dec. 10, 1974. 5 p.
- 03552 1542. Jose Ismarnardo Reyes Morelos. Report from Committee on Judiciary to accompany S.3397. Dec. 10, 1974. 3 p.
- 03553 1559. Frank P. Muto, Alphonso A. Muto, Arthur E. Scott, F. Clyde Wilkinson, Arthur D. O'Neill, Joseph H. Avery, jr. Joshua Cosden, Keith Jewell, Bertha Seelmeyer, Thomas Dennis O'Neill, Robert H. Brockhurst, Michael Senko, Salvatore La Capria, C. J. Moore, III and Ann C. Siegal. Report from Committee on Judiciary to accompany S.251. Dec. 11, 1974. 5 p.

\*For Sale by Superintendent of Documents  
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# MARCH 1975

- 03554 1637. Robert DiFranco. Report from Committee on Judiciary to accompany H.R.5005. Dec. 19, 1974. 4 p. 4°

House reports on public bills, 93d Congress. + House Document Room, Capitol. (No. 1653 is sold by the Superintendent of Documents.)

## ●Item 1008-A

- 03555 946. Providing funds for expenses of Committee on House Administration to provide for maintenance and improvement of ongoing computer services for House of Representatives and for investigation of additional computer services for House of Representatives. Report from Committee on House Administration to accompany H.Res.1003. Mar. 26, 1974. 9 p.
- 03556 1015. To amend act of Aug. 24, 1935 (commonly referred to as Miller act) to provide for inclusion of interest and legal fees in judgments granted on suits by subcontractors based upon payment bonds, and for other purposes. Report from Committee on Judiciary to accompany H.R.11691. Apr. 30, 1974. 8 p.
- 03557 1158. Making continuing appropriations for fiscal year 1975. Conference report to accompany H.J.Res.1062. June 26, 1974. 5 p.
- 03558 1169. Directing Secretary of Interior to convey certain public land in State of Michigan to Wisconsin-Michigan Power Co. Report from Committee on Interior and Insular Affairs to accompany H.R.3903. July 1, 1974. 5 p.
- 03559 1171. Emergency guaranteed livestock loans. Report together with dissenting views from Committee on Agriculture to accompany H.R.15560. July 2, 1974. 14 p.
- 03560 1173. School fare subsidy. Report from Committee on District of Columbia to accompany H.R.13608. July 2, 1974. 8 p.
- 03561 1175. Coverage of nonprofit hospitals under National labor relations act. Conference report to accompany S.3203. July 3, 1974. 6 p. [Corrected print.]
- 03562 1180. Amending Board for International Broadcasting act of 1973. Report together with opposing and additional views from Committee on Foreign Affairs to accompany H.R.14780. July 9, 1974. 13 p.
- 03563 1183. Foreign investment study act of 1974. Report from Committee on Foreign Affairs to accompany H.R.15487. July 9, 1974. 9 p.
- 03564 1190. Anadromous fish conservation act, amendments. Conference report to accompany H.R.11295. July 11, 1974. 3 p.
- 03565 1192. Providing for consideration of H.R.11500. Report from Committee on Rules to accompany H.Res.1230. July 11, 1974. 1 p.
- 03566 1194. Antihijacking act of 1974. Conference report to accompany S.39. July 12, 1974. 29 p.
- 03567 1233. Overseas Private Investment Corporation. Conference report to accompany S.2957. July 30, 1974. 13 p.
- 03568 1234. Extending period during which authorized numbers for grades of lieutenant colonel and colonel in Air Force may be increased. Report together with minority views from Committee on Armed Services to accompany H.R.14402. July 30, 1974. 12 p.
- 03569 1235. Solid waste disposal act extension. Report from Committee on Interstate and Foreign Commerce to accompany H.R.16045. July 30, 1974. 16 p.
- 03570 1238. Emergency tobacco price support increase. Report together with dissenting views from Committee on Agriculture to accompany H.R.16056. July 30, 1974. 6 p.
- 03571 1240. One-year extension for national health services scholarship programs and loans for health professions students. Report from Committee on Interstate and Foreign Commerce to accompany H.R.16077. July 31, 1974. 9 p.
- 03572 1241. Department of State appropriations authorization act of 1974. Report from Committee on Foreign Affairs to accompany H.R.16168. July 31, 1974. 8 p.
- 03573 1242. Passport application fees. Report from Committee on Foreign Affairs to accompany H.R.15172. July 31, 1974. 4 p.
- 03574 1243. Extending civil defense emergency authorities. Report together with minority views from Committee on Armed Services to accompany H.R.13320. July 31, 1974. 22 p.
- 03575 1245. Smokey Bear disposition and memorial. Report from Committee on Agriculture to accompany H.Con.Res.564. July 31, 1974. 5 p.
- 03576 1246. Authorizing establishment of Boston National Historical Park in Commonwealth of Massachusetts. Report from Committee on Interior and Insular Affairs to accompany H.R.7486. July 31, 1974. 16 p.
- 03577 1247. Establishing Cascade Head Scenic Research Area in State of Oregon, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R.8352. July 31, 1974. 8 p.
- 03578 1251. Providing for reappointment of Caryl P. Haskins as citizen regent of Board of Regents of Smithsonian Institution. Report from Committee on House Administration to accompany S.J.Res.221. Aug. 1, 1974. 3 p.
- 03579 1252. Providing for appointment of Murray Gell-Mann as citizen regent of Board of Regents of Smithsonian Institution. Report from Committee on House Administration to accompany S.J.Res.222. Aug. 1, 1974. 2 p.

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# GOVERNMENT PUBLICATIONS

- 03580 1373. Transmittal to States of certain census tabulations. Report from Committee on Post Office and Civil Service to accompany H.R.13340. Sept. 25, 1974. 7 p.
- 03581 1388. Repealing requirement that commanders of Air Force flying units be pilots. Report from Committee on Armed Services to accompany S.3906. Sept. 30, 1974. 5 p.
- 03582 1393. Farm Credit Administration salary adjustment. Report from Committee on Agriculture to accompany S.3801. Oct. 1, 1974. 8 p.
- 03583 1394. Amending act relating to Lumbee Indians of North Carolina. Report from Committee on Interior and Insular Affairs to accompany H.R.12216. Oct. 1, 1974. 10 p.
- 03584 1400. Extending temporary suspension of duty on certain bicycle parts and accessories. Conference report to accompany H.R.6642. Oct. 1, 1974. 5 p.
- 03585 1401. Extending temporary suspension of duty on certain classifications of yarns of silk. Conference report to accompany H.R.7780. Oct. 1, 1974. 6 p.
- 03586 1402. Duty-free entry of methanol. Conference report to accompany H.R.11251. Oct. 1, 1974. 5 p.
- 03587 1416. Privacy act of 1974. Report together with additional views from Committee on Government Operations to accompany H.R.16373. Oct. 2, 1974. 42 p.
- 03588 1434. Supplemental authorization of appropriations for Atomic Energy Commission, fiscal year 1975. Report from Joint Committee on Atomic Energy to accompany H.R.16609. Oct. 7, 1974. 5 p.
- 03589 1450. Providing for consideration of S.3906. Report from Committee on Rules to accompany H.Res.1421. Oct. 8, 1974. 1 p.
- 03590 1451. Waiving points of order against conference report on bill H.R.11221. Report from Committee on Rules to accompany H.Res.1422. Oct. 8, 1974. 1 p.
- 03591 1486. Providing for consideration of H.R.17234. Report from Committee on Rules to accompany H.Res.1468. Nov. 20, 1974. 1 p.
- 03592 1487. Waiving certain points of order against H.R.17468. Report from Committee on Rules to accompany H.Res.1469. Nov. 20, 1974. 1 p.
- 03593 1524. Health revenue sharing and health services act of 1974. Conference report to accompany H.R.14214. Dec. 5, 1974. 102 p.
- 03594 1553. Kaniksu National Forest land transfer. Report from Committee on Agriculture to accompany S.3289. Dec. 10, 1974. 8 p.
- 03595 1554. Agricultural conservation time extension. Report from Committee on Agriculture to accompany S.3943. Dec. 10, 1974. 4 p.
- 03596 1555. Providing for consideration of H.R.6668. Report from Committee on Rules to accompany H.Res.1492. Dec. 10, 1974. 1 p.
- 03597 1556. Providing for consideration of H.R.16596. Report from Committee on Rules to accompany H.Res.1493. Dec. 10, 1974. 1 p.
- 03598 1557. Providing for consideration of H.R.17409. Report from Committee on Rules to accompany H.Res.1494. Dec. 10, 1974. 1 p.
- 03599 1564. Providing for consideration of H.R.17481. Report from Committee on Rules to accompany H.Res.1495. Dec. 11, 1974. 1 p.
- 03600 1570. Amendments of 1974 to Federal laws relating to explosives. Report from Committee on Judiciary to accompany S.1083. Dec. 11, 1974. 13 p.
- 03601 1581. Copyright miscellany. Report together with dissenting views from Committee on Judiciary to accompany S.3976. Dec. 12, 1974. 18 p.
- 03602 1583. Declaring that certain land of United States is held by United States in trust for Cheyenne-Arapaho Tribes of Oklahoma. Report from Committee on Interior and Insular Affairs to accompany H.R.3605. Dec. 13, 1974. 3 p.
- 03603 1584. Conveying certain land of United States to Inter-Tribal Council, Inc., Miami, Okla. Report from Committee on Interior and Insular Affairs to accompany H.R.5057. Dec. 13, 1974. 5 p.
- 03604 1585. Declaring that United States hold certain land in trust for absentee Shawnee Tribe of Indians of Oklahoma. Report from Committee on Interior and Insular Affairs to accompany H.R.9219. Dec. 13, 1974. 4 p.
- 03605 1586. Declaring that United States hold certain lands in trusts for Citizens Band of Potawatomi Indians of Oklahoma. Report from Committee on Interior and Insular Affairs to accompany H.R.11890. Dec. 13, 1974. 4 p.
- 03606 1587. Coastal zone management act amendments. Report from Committee on Merchant Marine and Fisheries to accompany H.R.16215. Dec. 13, 1974. 18 p.
- 03607 1588. Small business opportunities in outdoor recreation and tourism. Report of Subcommittee on Environmental Problems Affecting Small Business of Permanent Select Committee on Small Business; Dec. 13, 1974. 1974. v+[1]+31 p.
- 03608 1589. [Transportation safety act of 1974.] Conference report to accompany H.R.15223. Dec. 13, 1974. 37 p.
- 03609 1590. Amending Land and water conservation fund act of 1965, as amended, to amend act of Oct. 15, 1966, to establish program for preservation of additional historic properties throughout nation, as amended, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R.17346. Dec. 13, 1974. 19 p.
- 03610 1592. Amending act of June 9, 1906, entitled Act granting land to city of Albuquerque for public purposes (34 Stat. 227), as amended. Report from Committee on Interior and Insular Affairs to accompany S.2125. Dec. 13, 1974. 7 p.

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- 03611 1595. Relinquishing and disclaiming any title to certain lands and authorizing Secretary of Interior to convey certain lands situated in Yuma County, Ariz. Report from Committee on Interior and Insular Affairs to accompany S.3574. Dec. 13, 1974. 6 p.
- 03612 1599. Furthering purposes of Wilderness act by designating certain lands for inclusion in national wilderness preservation system, providing for study of certain additional lands for such inclusion, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R.13455. Dec. 16, 1974. 34 p.
- 03613 1601. President Gerald R. Ford Federal Office Building. Report from Committee on Public Works to accompany H.R.11897. Dec. 16, 1974. 2 p.
- 03614 1602. Executive protective service. Report from Committee on Public Works to accompany H.R.17463. 1974. 7 p.
- 03615 1604. Construction on U.S. Capitol grounds in connection with adjacent private construction. Report from Committee on Public Works to accompany S.J.Res.262. Dec. 16, 1974. 5 p.
- 03616 1605. Deepwater port act. Conference report to accompany H.R.10701. Dec. 16, 1974. 60 p.
- 03617 1606. Consumer product warranty and Federal Trade Commission improvement act. Conference report to accompany S.356. Dec. 16, 1974. 43 p.
- 03618 1607. Providing for leasing for commercial outdoor recreation purposes of certain lands of forest reserves created from public domain, and for other purposes. Report together with separate views from Committee on Interior and Insular Affairs to accompany H.R.10491. Dec. 17, 1974. 15 p.
- 03619 1611. Enlarging Grand Canyon National Park. Conference report to accompany S.1296. Dec. 17, 1974. 7 p.
- 03620 1613. Authorizing consideration of conference reports on same day reported or any day thereafter during remainder of 2d session, 93d Congress. Report from Committee on Rules to accompany H.Res.1512. Dec. 17, 1974. 1 p.
- 03621 1615. Providing for consideration of H.J.Res.1178. Report from Committee on Rules to accompany H.Res.1515. Dec. 17, 1974. 1 p.
- 03622 1617. Making appropriations for military construction, fiscal year 1975. Conference report to accompany H.R.17 Dec. 17, 1974. 8 p.
- 03623 1618. War claims act amendments. Conference report to accompany S.1728. Dec. 17, 1974. 4 p.
- 03624 1619. White House Conference on Library and Information Services. Conference report to accompany S.J.Res.40. Dec. 17, 1974. 13 p.
- 03625 1625. Unclaimed savings bonds belonging to veterans and others. 22d report together with additional views by Committee on Government Operations; Dec. 18, 1974. 1974. v+13 p.
- 03626 1629. Amending act of Mar. 10, 1966, providing for establishment of Cape Lookout National Seashore in State of North Carolina, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R.14843. Dec. 18, 1974. 10 p.
- 03627 1631. Providing for consideration of H.Res.1511. Report from Committee on Rules to accompany H.Res.1519. Dec. 18, 1974. 1 p.
- 03628 1632. Providing for consideration of reports from Committee on Rules and authorizing Speaker to declare recess. Report from Committee on Rules to accompany H.Res.1520. Dec. 18, 1974. 1 p.
- 03629 1639. Community services. Conference report to accompany H.R.14449. Dec. 19, 1974. 58 p.
- 03630 1641. Making urgent supplemental appropriations. Conference report to accompany H.J.Res.1180. Dec. 19, 1974. 3 p.
- 03631 1642. Upholstery regulators. Conference report to accompany H.R.421. Dec. 19, 1974. 24 p.
- 03632 1645. Amending Wild and scenic rivers act. Conference report to accompany S.3022. Dec. 19, 1974. 8 p.
- 03633 1647. Commodity Futures Trading Commission. Report from Committee on Agriculture to accompany H.R.17507. Dec. 20, 1974. 5 p.
- 03634 1653. Achieving price stability through economic growth. Report together with supplementary and minority views of Joint Economic Committee; Dec. 30, 1974. 1974. iii+145 p. \* Paper, \$1.60.

## Agriculture Committee, House Washington, DC 20515

[Committee publication] serial, 93d Congress.

- 03635 AAA. Rising cost of meat, hearings before Subcommittee on Domestic Marketing and Consumer Relations, 93d Congress, 2d session, pt. 2, Oct. 3-Nov. 19, 1974. 1974. iii+234 p.il. + ●Item 1010  
L.C. card 74-602532 Y 4.Ag 8/1:2081M 46/19/pt.2
- 03636 TTT. Animal welfare act amendments of 1974, hearings before Subcommittee on Livestock and Grains, 93d Congress, 2d session, on H.R.15843, H.R.16738, and related bills, Aug. 6-Oct. 2, 1974. 1974. vi+340 p. + ●Item 1010  
L.C. card 75-600674 Y 4.Ag 8/1:2081An 5/7

# GOVERNMENT PUBLICATIONS

## Appropriations Committee, House Washington, DC 20515

- 03637 Supplemental appropriation bill, 1975, hearings before subcommittee, 93d Congress, 2d session. 1974. ii+997+viii p. + ●Item 1011  
L.C. card 74-602758 Y 4.Ap 6/1:2081Ap 6/2/975-2

## Armed Services Committee, House Washington, DC 20515

- 03638 Air Force procurement of AAU-19/A altimeters, hearings before Armed Services Investigating Subcommittee, 93d Congress, 2d session under authority of H.Res.185, July 29-Sept. 13, 1974. 1974. iii+453 p.  
+ ●Item 1012  
L.C. card 75-600568 Y 4.Ar 5/2: Ai 7/9

Paper, 93d Congress.

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.

- 03639 55. Extension of officer grade limitation act relief for Air Force, hearing on H.R.14402 before subcommittee 4, 93d Congress, 2d session, July 17, 1974. 1974. ii+41 p.  
+ ●Item 1012  
L.C. card 74-602266 Y 4.Ar 5/2a:973-74/55  
03640 62. Military band recordings in support of American Revolution Bicentennial hearings on H.R.14401 before subcommittee 2, 93d Congress, 2d session, Aug. 8 and 13, 1974. 1974. ii+13 p. + ●Item 1012  
L.C. card 74-602798 Y 4.Ar 5/2a:973-74/62

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

[Committee publication] serial, 93d Congress.

- 03641 8. Compensate victims of crimes of violence, hearings before Subcommittee on Judiciary, 93d Congress, 1st session on H.R.3264, Apr. 17 and June 14, 1973. 1974. iv+162 p. + ●Item 1014  
Y 4.D 63/1:208193-8  
03642 12. Teachers' pay and retirement, hearing before Subcommittee on Education, 93d Congress, 2d session on H.R.14662, H.R.14400 and H.R.13970, May 30, 1974. 1974. iv+90 p. + ●Item 1014  
L.C. card 75-600543 Y 4.D 63/1:208193-12  
03643 13. Counsel for indigent criminal defendants, hearings before Subcommittee on Judiciary, 93d Congress, 2d session on H.R.14374 [and] H.R.14376, June 28, 1973 and June 13, 1974. 1974. v+209 p. + ●Item 1014  
L.C. card 75-600541 Y 4.D 63/1:208193-13  
03644 30. District of Columbia Development Bank, hearings before Subcommittee on Business, Commerce, and Taxation, 93d Congress, 2d session on H.R.7414, May 14 and 15, 1974. 1974. iv+72 p. + ●Item 1014  
L.C. card 75-600685 Y 4.D 63/1:208193-30  
03645 31. Uniform management of institutional funds act, hearing before Subcommittee on Revenue and Financial Affairs, 93d Congress, 2d session on H.R.12196, June 6, 1974. 1974. iii+43 p. + ●Item 1014  
L.C. card 75-600537 Y 4.D 63/1:208193-31  
03646 33. District of Columbia Community Development Corporation, hearings before Subcommittee on Business, Commerce, and Taxation, 93d Congress, 2d session on H.R.15363, June 19 and 20, 1974. 1975. iv+138 p. + ●Item 1014  
L.C. card 75-600684 Y 4.D 63/1:208193-33  
03647 38. Utility rates and people's counsel for Public Service Commission, hearings, 93d Congress, 2d session on H.R.16782, Sept. 26 and 30, 1974. 1974. vi+209 p.il.  
+ ●Item 1014  
L.C. card 74-603340 Y 4.D 63/1:208193-38  
03648 Insurance proposals for District of Columbia hearings before Subcommittee on Business, Commerce, and Taxation, 93d Congress, 1st session on H.R.4083, H.R.5687, H.R.7218 [and] H.R.6186, Apr. 5 and July 16, 1973. 1973. iii+100 p. + ●Item 1014  
L.C. card 74-602552 Y 4.D 63/1:2081In 7/8

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

- 03649 Allied services act of 1974, hearings, 93d Congress, 2d session on H.R.12285, May 29-July 11, 1974. 1974. iv+265 p. + ●Item 1015  
L.C. card 75-600673 Y 4.Ed 8/1:2081Se 6/3
- 03650 Financial assistance for improved educational services for handicapped children, hearings before Select Subcommittee on Education, 93d Congress, 2d session, on H.R.70, Mar. 6-22, 1974. 1974. v+372 p. + ●Item 1015  
Y 4.Ed 8/1:2081H 19/7

**Foreign Affairs Committee, House Washington, DC 20515**

- 03651 Critical developments in Namibia, hearings before Subcommittee on Africa, 93d Congress, 2d session, Feb. 21, and Apr. 4, 1974. 1974. iv+305 p.il. 1 pl. + ●Item 1017  
L.C. card 74-602746 Y 4.F 76/1:2081N 15
- 03652 Detente, hearings before Subcommittee on Europe, 93d Congress, 2d session, May 8-July 31, 1974. 1974. viii+615 p. [English and French.] \* Paper, \$5.10. ●Item 1017  
L.C. card 75-600683 Y 4.F 76/1:2081D 48/2
- 03653 Implementation of Lodge and Katzenbach recommendations on United Nations; June 1974. 1974. xii+39 p. (Committee print, 93d Congress, 2d session.) [Prepared for Subcommittee on International Organizations and Movements by Department of State.] +  
L.C. card 74-602031 Y 4.F 76/1:2081Un 35/21
- 03654 Middle East, 1974, new hopes, new challenges, hearings before Subcommittee on Near East and South Asia, 93d Congress, 2d session, Apr. 9-June 27, 1974. 1974. viii+[1]+202 p.il. + ●Item 1017  
L.C. card 74-602953 Y 4.F 76/1:2081M 58/9

**Government Operations Committee, House Washington, DC 20515**

- 03655 Law enforcement on Southwest border (review of reorganization plan 2 of 1973 and related developments), hearings, 93d Congress, 2d session, July 10-Aug. 14, 1974. 1974. iv+315 p. + ●Item 1016  
L.C. card 74-603332 Y 4.G 74/7:L 41/3
- 03656 Security classification reform, hearings before Subcommittee, 93d Congress, 2d session on H.R.12004, July 11-Aug. 1, 1974. 1974. v+756 p. + ●Item 1016  
L.C. card 75-600737 Y 4.G 74/7:Se 2/3
- 03657 Unclaimed savings bonds belonging to veterans and others, hearing before subcommittee, 93d Congress, 2d session, Aug. 8, 1974. 1974. iii+59 p. + ●Item 1016  
L.C. card 74-602918 Y 4.G 74/7:Sa 9 b

**House Administration Committee, House Washington, DC 20515**

- 03658 Public documents act, hearings before Subcommittee on Printing, 93d Congress, 2d session on H.R.16902 and related legislation, Sept. 30 and Oct. 4, 1974. 1974. iv+239 p. \* Paper, \$2.30. ●Item 1018  
Y 4.H 81/3:P 96/2

# GOVERNMENT PUBLICATIONS

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

[Committee publication] serial, 93d Congress.

- 03659 5. Designation of wilderness areas, pt. 5, hearing before Subcommittee on Public Lands, 93d Congress, 2d session on H.R.5422 and related bills, Sept. 19, 1974. 1974. v+135 p.il. 1 map + ●Item 1023  
Y 4.In 8/14:93-5/pt.5
- 03660 53. Review of electric power rate increases, hearings before Subcommittee on Water and Power Resources, 93d Congress, 2d session on H.R.14221, May 17 and 20, 1974. 1974. iv+164 p. + ●Item 1023  
L.C. card 74-603336  
Y 4.In 8/14:93-53
- 03661 63. Federal coal leasing, hearings before Subcommittee on Mines and Mining, 93d Congress, 2d session on S.3528, July 25-Aug. 15, 1974. 1974. iii+183 p. + ●Item 1023  
L.C. card 74-602548  
Y 4.In 8/14:93-63
- 03662 64. Energy minerals allocation recommendation system (EMARS), hearing before Subcommittee on Public Lands, 93d Congress, 2d session, Aug. 12, 1974. 1974. ii+27 p.il. + ●Item 1023  
Y 4.In 8/14:93-64
- 03663 65. Amending Indian Claims Commission act of Aug. 13, 1946, hearing before Subcommittee on Indian Affairs, 93d Congress, 2d session on H.R.16170, Aug. 8, 1974. 1974. iii+50 p. + ●Item 1023  
Y 4.In 8/14:93-65

## Internal Security Committee, House Washington, DC 20515

Terrorism, hearings, 93d Congress, 2d session.

- 03664 pt. 4. July 30-Aug. 20, 1974 (including index). 1974. vi+4131-4477+xi p. \* Paper, \$3.15. (S/N 5270-02654). ●Item 1026  
L.C. card 74-602406  
Y 4.In 8/15:T 27/pt.4

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

[Committee publication] serial, 93d Congress.

- 03666 79. Biomedical research ethics and protection of human research subjects, hearings before Subcommittee on Public Health and Environment, 93d Congress, 1st session on H.R.10403 [and other bills], Sept. 27 and 28, 1973. 1974. v+292 p. + ●Item 1019  
L.C. card 74-602772  
Y 4.In 8/4:93-79
- 03667 99. Health manpower and nurse training, 1974, hearings, pt. 1, before Subcommittee on Public Health and Environment, 93d Congress, 2d session on H.R.11539 [and other bills], May 20-June 27, 1974. 1974. xii+1-934 p.il. + ●Item 1019  
L.C. card 75-600573  
Y 4.In 8/4:93-99
- 03668 100. Health manpower and nurse training, 1974, hearings, pt. 2, before Subcommittee on Public Health and Environment, 93d Congress, 2d session on H.R.11539 [and other bills], May 20-June 27, 1974. 1974. xii+935-1669 p.il. + ●Item 1019  
L.C. card 75-600573  
Y 4.In 8/4:93-100
- 03669 101. Institutional disclosure and sales of investment company advisers, hearing before Subcommittee on Commerce and Finance, 93d Congress, 2d session, on H.R.10570 and H.R.13986, Sept. 13, 1974. 1974. iii+121 p. + ●Item 1019  
L.C. card 75-600510  
Y 4.In 8/4:93-101

## Judiciary Committee, House Washington, DC 20515

[Committee publication] serial, 93d Congress.

- 03670 42. Speedy trial act of 1974, hearings before Subcommittee on Crime, 93d Congress, 2d session on S.754 [and other bills], Sept. 12-19, 1974. 1974. vi+1104 p.il. 1 pl. + ●Item 1020  
L.C. card 74-603329  
Y 4.J 89/1:208193-42
- 03671 47. Enforcement of support orders in State and Federal courts, hearing before Subcommittee on Claims and Government Relations, 93d Congress, 1st session on H.R.5405, and related bills, Oct. 25, 1973. 1974. iii+99 p. + ●Item 1020  
L.C. card 75-600704  
Y 4.J 89/1:208193-47

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

[Committee publication] serial, 93d Congress.

- 03672 39. Federal ocean programs review, hearings before Subcommittee on Oceanography, 93d Congress, 2d session, on various aspects of Federal ocean programs and interagency coordination of ocean activities, Mar. 26-Apr. 11, 1974. 1974. iv+343 p. + ●Item 1021  
L.C. card 75-600800 Y 4.M 53:93-39

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

[Committee publication] serial, 93d Congress.

- 03673 48. Reemployment provisions of civil service retirement law, hearing before Subcommittee on Retirement and Employment Benefits, 93d Congress, 2d session on H.R.11240, June 11, 1974. 1974. iii+18 p. + ●Item 1022  
L.C. card 74-602400 Y 4.P 84/10:93-48
- 03674 53. Proposals to amend Postal reorganization act of 1970, hearings before Subcommittee on Postal Service, 93d Congress, 2d session, on H.R.15511, July 9-Dec. 11, 1974. 1974. iv+421 p. + ●Item 1022  
L.C. card 75-600728 Y 4.P 84/10:93-53

**Public Works Committee, House Washington, DC 20515**

[Committee publication] serial, 93d Congress.

- 03675 43. Legislative recommendations for national economic development programs, hearings before Subcommittee on Economic Development, 93d Congress, 2d session, July 12 [and] 13, 1974. 1974. v+95 p. [Hearings held in New Bedford and Barnstable, Mass.] + ●Item 1024  
L.C. card 74-603317 Y 4.P 96/11:93-43
- 03676 47. Diversion and withdrawal of additional water from Lake Michigan into Illinois Waterway, hearings before Subcommittee on Water Resources, 93d Congress, 2d session on H.R.12015, H.R.12744, H.R.13254, Oct. 8 and 9, 1974. 1974. v+77 p. + ●Item 1024  
L.C. card 74-603292 Y 4.P 96/11:93-47
- 03677 52. National Visitor Center act amendments, hearings before Subcommittee on Public Buildings and Grounds, 93d Congress, 2d session, on H.R.16615, Sept. 12, 1974. 1974. ix+66 p. + ●Item 1024  
L.C. card 75-600715 Y 4.P 96/11:93-52

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

[Committee publication] serial, 93d Congress.

- 03678 31. Review of tracking and data acquisition program, hearings before Subcommittee on Aeronautics and Space Technology, 93d Congress, 1st and 2d sessions, Oct. 24, 1973 [and] Jan. 29, 1974. 1974. iii+901 p.il. 1 pl. + ●Item 1025-A  
L.C. card 74-602239 Y 4.Sci 2:93/2/31

**Small Business, Permanent Select Committee On, House Washington, DC 20515**

- 03679 Small business opportunities in community development, hearings before Subcommittee on Small Business Problems in Smaller Towns and Urban Areas, 93d Congress, 2d session, July 10 and 11, 1974. 1974. iii+98 p. + ●Item 1031  
L.C. card 74-602955 Y 4.Sm 1:C 73/2

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

- 03680 Bills related to veterans' non-service-connected pension program, hearings before Subcommittee on Compensation and Pension, 93d Congress, 2d session, on bills amending pension laws for veterans and dependents, July 31-Aug. 8, 1974. 1974. v+2633-2837 p. + ●Item 1027  
Y 4.V 64/3:P 38/23

## GOVERNMENT PUBLICATIONS

### Senate Washington, DC 20510

#### Senate executive documents, 93d Congress, 2d session.

- 03681 M. Agreement for creation of International Office of Epizootics, message from President of United States transmitting international agreement for creation at Paris of International Office of Epizootics, done Paris Jan. 25, 1924, with annexes; Dec. 3, 1974. 1974. vi+6 p. #

Y 1.93/2:M

#### Senate executive reports, 93d Congress, 2d session.

- 03682 35. Geneva protocol of 1925. Report from Committee on Foreign Relations to accompany Ex.J, 91st Cong., 2d sess. Dec. 13, 1974. 7 p. #
- 03683 36. Convention on prohibition of bacteriological and toxin weapons. Report from Committee on Foreign Relations to accompany Ex.Q, 92d Cong., 2d sess. Dec. 13, 1974. 5 p. #
- 03684 37. Amended text of art.7 of 1965 convention on facilitation of international maritime traffic. Report from Committee on Foreign Relations to accompany Ex.D, 93-2. Dec. 13, 1974. 9 p. #
- 03685 38. Consular convention with Bulgaria. Report from Committee on Foreign Relations to accompany Ex.H, 93-2. Dec. 13, 1974. 7 p. #

Y 1.93/2:rp.35

Y 1.93/2:rp.36

Y 1.93/2:rp.37

Y 1.93/2:rp.38

### Senate reports

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

#### Senate reports on private bills, 93d Congress. +Senate Document Room, Capitol. ●Item 1008-B

- 03686 996. David Alexander Choquette. Report from Committee on Judiciary to accompany S.2579. July 11, 1974. 8 p.
- 03687 997. Carmen Diaz. Report from Committee on Judiciary to accompany S.2749. July 11, 1974. 8 p.
- 03688 1175. North Central Educational Television, Inc. Report from Committee on Judiciary to accompany S.2752. Sept. 25, 1974. 8 p.
- 03689 1377. Joselito S. Arca and Corazon L. Arca. Report from Committee on Judiciary to accompany S.2644. Dec. 17, 1974. 6 p.
- 03690 1378. Abram Aguirre-Gonzalez and Hilario Aguirre-Martinez. Report from Committee on Judiciary to accompany S.3103. Dec. 17, 1974. 11 p.
- 03691 1380. Gustavo Scioville. Report from Committee on Judiciary to accompany S.3260. Dec. 17, 1974. 8 p.
- 03692 1382. Nestor Manuel Lara-Otoya. Report from Committee on Judiciary to accompany S.3940. Dec. 17, 1974. 4 p.
- 03693 1383. Patrick Andre Tasselín and his wife Fabienne Francoise Tasselín. Report from Committee on Judiciary to accompany S.3977. Dec. 17, 1974. 2 p.
- 03694 1385. Certain cases in which Attorney General has suspended deportation. Report from Committee on Judiciary to accompany S.Con.Res.125. Dec. 17, 1974. 2 p.
- 03695 1392. William L. Cameron, jr. Report from Committee on Judiciary to accompany H.R.8322. Dec. 17, 1974. 3 p.
- 03696 1393. Fernando Labrador del Rosario. Report from Committee on Judiciary to accompany H.R.9182. Dec. 17, 1974. 6 p.
- 03697 1413. Kiyonao Okami. Report from Committee on Judiciary to accompany H.R.10827. Dec. 19, 1974. 3 p.
- 03698 1421. Judith E. Sterling. Report from Committee on Judiciary to accompany H.R.14461. Dec. 19, 1974. 5 p.

#### Senate reports on public bills, 93d Congress. +Senate Documents Room, Capitol. ●Item 1008-A

- 03699 927. Renegotiation amendments of 1974. Report from Committee on Finance to accompany H.R.14833. June 13, 1974. 7 p.
- 03700 979. Authorizing Commissioner of Education to carry out program to assist disadvantaged persons. Report from Committee on Labor and Public Welfare to accompany H.R.15296. June 27, 1974. 2 p.
- 03701 988. Coverage of nonprofit hospitals under National labor relations act. Conference report to accompany S.320 July 8, 1974. 6 p.
- 03702 1002. Providing for reappointment of William A. M. Burden as citizen regent of Board of Regents of Smithsonian Institution. Report from Committee on Rules and Administration to accompany S.J.220. July 11, 1974. 3 p.

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- 03703 1003. Providing for reappointment of Caryl P. Haskins as citizen regent of Board of Regents of Smithsonian Institution. Report from Committee on Rules and Administration to accompany S.J.Res.221. July 11, 1974. 3 p.
- 03704 1004. Providing for reappointment of Murray Gell-Mann as citizen regent of Board of Regents of Smithsonian Institution. Report from Committee on Rules and Administration to accompany S.J.Res.222. July 11, 1974. 2 p.
- 03705 1006. Authorizing printing of additional copies of Senate committee print entitled Recreation imperative. Report from Committee on Rules and Administration to accompany S.Con.Res.98. July 11, 1974. 2 p.
- 03706 1010. Authorizing supplemental expenditures by Committee on Foreign Relations for study of matters pertaining to foreign policy of United States. Report from Committee on Rules and Administration to accompany S.Res.345. July 12, 1974. 5 p.
- 03707 1038. Authorizing appropriations for fiscal year 1975 for military procurement, research and development, active duty, reserve, and civilian personnel strength levels, military training student loads, and for other purposes. Conference report to accompany H.R.14592. July 30, 1974. 51 p.
- 03708 1046. Orientation of dependents of USDA employees having foreign assignments. Report from Committee on Agriculture and Forestry to accompany S.2189. July 31, 1974. 5 p.
- 03709 1047. Food marketing margin investigation. Report from Committee on Agriculture and Forestry to accompany S.Res.351. July 31, 1974. 5 p.
- 03710 1054. Exchange of lands adjacent to Teton National Forest. Report from Committee on Agriculture and Forestry to accompany S.3489. Aug. 1, 1974. 3 p.
- 03711 1105. Extending boundaries of Arapaho National Forest in State of Colorado. Report from Committee on Interior and Insular Affairs to accompany S.3615. Aug. 19, 1974. 5 p.
- 03712 1112. Designating new Federal office building in Dover, Del., as J. Allen Frear Building. Report from Committee on Public Works to accompany S.3815. Aug. 20, 1974. 2 p.
- 03713 1117. Designating as wilderness certain lands in Okefenokee National Wildlife Refuge in State of Georgia. Report from Committee on Interior and Insular Affairs to accompany H.R.6395. Aug. 21, 1974. 9 p.
- 03714 1119. Authorizing supplemental expenditures by Special Committee on Aging for inquiries and investigations during period Mar. 1, 1973-Feb. 28, 1974. Report from Committee on Rules and Administration to accompany S.Res.360. Aug. 21, 1974. 2 p.
- 03715 1121. Authorizing appropriations to Secretary of Commerce for promotion of tourist travel in United States Report from Committee on Commerce to accompany S.3942. Aug. 21, 1974. 12 p.
- 03716 1122. Authorizing supplemental expenditures by Committee on Judiciary for its investigation relating to citizen interests. Report from Committee on Rules and Administration to accompany S.Res.358. Aug. 21, 1974. 2 p.
- 03717 1123. Relating to printing of legislative proceedings with respect to death of former Senator Wayne L. Morse. Report from Committee on Rules and Administration to accompany S.Res.365. Aug. 21, 1974. 1 p.
- 03718 1170. Recommended National emergencies act, interim report by Special Committee on National Emergencies and Delegated Emergency Powers in support of recommended National emergencies act. Sept. 24, 1974. 10 p.
- 03719 1177. Resolution of Navajo-Hopi land disputes. Report together with additional views from Committee on Interior and Insular Affairs to accompany H.R.10337. Sept. 25, 1974. 57 p. [Corrected print.]
- 03720 1178. Cable car medals. Report from Committee on Banking, Housing and Urban Affairs to accompany S.4037. Sept. 26, 1974. 2 p.
- 03721 1180. Transferring certain archives and records to State of Alaska. Report from Committee on Government Operations to accompany S.J.Res.234. Sept. 26, 1974. 2 p.
- 03722 1184. Authorizing disposition of office equipment and furnishings. Report from Committee on Government Operations to accompany H.R.9075. Sept. 26, 1974. 3 p.
- 03723 1189. Authorizing supplemental expenditures by Committee on Veterans' Affairs for inquiries and investigations. Report from Committee on Veterans' Affairs to accompany S.Res.412. Sept. 26, 1974. 1 p.
- 03724 1204. Amendment of Military personnel and civilian employees' claims act of 1964. Report from Committee on Judiciary to accompany H.R.7135. Oct. 1, 1974. 9 p.
- 03725 1232. Providing for increases in appropriation ceilings and boundary changes in certain units of National Park System, authorizing appropriations for additional costs of land acquisition for National Park System, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R.14217. Oct. 4, 1974. 38 p.
- 03726 1234. Authorizing Secretary of Interior to purchase property located within San Carlos Mineral Strip in State of Arizona. Report from Committee on Interior and Insular Affairs to accompany H.R.7730. Oct. 4, 1974. 14 p. [Corrected print. First print has 7 p.]
- 03727 1240. Vietnam era veterans' readjustment assistance act of 1974. Conference report to accompany H.R.12628. Oct. 7, 1974. 84 p.

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# GOVERNMENT PUBLICATIONS

- 03728 1250. Authorizing Committee on Commerce to make investigation and study of policy and role of Federal Government in tourism in United States. Report from Committee on Commerce to accompany S.Res.347. Oct. 9, 1974. 11 p. [Corrected print.]
- 03729 1255. Supplemental appropriations bill, 1975. Report from Committee on Appropriations to accompany H.R.16900. Oct. 9, 1974. 68 p.
- 03730 1270. Rehabilitation act amendments of 1974. Conference report to accompany H.R.14225. Oct. 9, 1974. 40 p.
- 03731 1271. Extension of controlled substances act. Conference report to accompany S.3355. Oct. 10, 1974. 7 p.
- 03732 1272. Designating Snow Mountain area in State of California for study to determine its suitability for preservation as wilderness. Report from Committee on Interior and Insular Affairs to accompany S.114. Oct. 10, 1974. 8 p.
- 03733 1275. Broadcasting House and Senate proceedings, interim report of Joint Committee on Congressional Operations on Congress and mass communications, with separate views; Oct. 10, 1974. 1974. v+70 p.
- 03734 1278. Intercoastal shipping act, 1933. Report from Committee on Commerce to accompany S.3173. Oct. 11, 1974. 8 p.
- 03735 1283. Indian health care improvement act. Report together with additional views from Committee on Interior and Insular Affairs to accompany S.2938; Nov. 12, 1974. 1974. iv+147 p.
- 03736 1315. Frank M. Scarlett Federal Building. Report from Committee on Public Works to accompany S.2807. Dec. 10, 1974. 2 p.
- 03737 1316. Paul H. Douglas Federal Building. Report from Committee on Public Works to accompany S.4006. Dec. 10, 1974. 2 p.
- 03738 1317. Children's Gift Bell Memorial. Report from Committee on Public Works to accompany S.J.Res.212. Dec. 10, 1974. 3 p.
- 03739 1323. Commission on Federal Paperwork. Report from Committee on Government Operations to accompany company H.R.16424. Dec. 11, 1974. 8 p.
- 03740 1331. National Historical Publications and Records Commission. Report from Committee on Government Operations accompany H.R.15818. Dec. 11, 1974. 6 p.
- 03741 1333. Establishing Canaveral National Seashore in State of Florida. Report from Committee on Interior and Insular Affairs to accompany H.R.5773. Dec. 11, 1974. 9 p.
- 03742 1349. People's Counsel for Public Service Commission. Report from Committee on District of Columbia to accompany H.R.17450. Dec. 13, 1974. 23 p.
- 03743 1350. Authorization for Cabinet Committee on Opportunities for Spanish-Speaking People. Report from Committee on Government Operations to accompany H.R.10397. Dec. 13, 1974. 7 p.
- 03744 1355. Duty-free entry of telescope and associated articles for Canada-France-Hawaii telescope project. Report from Committee on Finance to accompany H.R.11796. Dec. 14, 1974. 7 p.
- 03745 1359. Declaring that certain federally owned lands shall be held by United States in trust for Hualapai Indian Tribe of Hualapai Reservation, Ariz., and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R.7978. Dec. 16, 1974. 4 p.
- 03746 1372. Discriminatory imposts on wine. Report of Committee on Commerce on S.4058; Dec. 17, 1974. 1974. [1]+8 p.
- 03747 1373. Resolution disapproving deferral of budget authority, sec. 235, Homeownership assistance program. Report from Committee on Appropriations to accompany S.Res.446. Dec. 17, 1974. 11 p.
- 03748 1398. Claims for torts committed by employees of Canal Zone Government in Republic of Panama. Report from Committee on Commerce to accompany H.R.15229. Dec. 17, 1974. 6 p.
- 03749 1399. Changing name of Patent Office. Report from Committee on Judiciary to accompany H.R.7599. Dec. 17, 1974. 3 p.
- 03750 1403. Land conveyance to Jasper County, Ga., Board of Education. Report from Committee on Agriculture and Forestry to accompany H.R.510. Dec. 18, 1974. 6 p.
- 03751 1407. Expressing sense of Senate that agricultural lending institutions adopt more lenient policies with respect to financially distressed borrowers. Report from Committee on Agriculture and Forestry to accompany S.Res.467. Dec. 18, 1974. 2 p./ \*

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

- 03752 Egg research and consumer information act, hearing before Subcommittee on Agricultural Research and General Legislation, 93d Congress, 2d session on H.R.12000, July 12, 1974. 1974. iii+49 p.il. + ●Item 1032

L.C. card 74-602472

Y 4.Ag 8/2: Eg 3/6

- 03753 Extension of guaranteed REA loans from Securities and Exchange Commission, hearing before Subcommittee on Agricultural Credit and

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Rural Electrification, 93d Congress, 2d session on H.R.12526, July 18, 1974. 1974. iii+34 p. + ●Item 1032

Y 4.Ag 8/2:R 88/31

- 03754 Implementation of conservation programs, REAP and RECP, hearing before Subcommittee on Agricultural Production, Marketing, and Stabilization of Prices, 93d Congress, 2d session, June 27, 1974. 1974. iii+119 p. + ●Item 1032

L.C. card 74-602819

Y 4.Ag 8/2:R 88/32

- 03755 Weather modification grants, hearing before Subcommittee on Agricultural Research and General Legislation, 93d Congress, 2d session on S. 3313, Aug. 19, 1974. 1974. iii+139 p.il. [Hearing held in Lawton, Okla.] + ●Item 1032

L.C. card 75-600746

Y 4.Ag 8/2:G 76/21

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

Treasury, Postal Service, and general Government appropriations, fiscal year 1975, hearings before subcommittee, 93d Congress, 2d session, on H.R.15544.

- 03756 pt.2. [May 28-June 4, 1974.] 1974. ii+1067-2144+xx p.il. + ●Item 1033

L.C. card 74-601673

Y 4.Ap 6/2:T 71/975/pt.2

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

- 03757 Authorized numbers of lieutenant colonels and colonels in Air Force, hearing before Subcommittee on Manpower and Personnel, 93d Congress, 2d session on H.R.14402, Aug. 12, 1974. 1974. ii+36 p. + ●Item 1034

L.C. card 74-602543

Y 4.Ar 5/3:L 62/2

- 03758 Military construction authorization, fiscal year 1975, hearings before Subcommittee on Military Construction, 93d Congress, 2d session, on S.3471, July 10-18, 1974. 1974. ii+538 p.il. + ●Item 1034

L.C. card 74-602486

Y 4.Ar 5/3:C 76/9/975

- 03759 Nomination of Taylor and Ellsworth, hearing 93d Congress, 2d session on nomination of David P. Taylor of Virginia, to be Assistant Secretary of Air Force for Manpower and Reserve Affairs, vice Richard J. Borda, resigned [and] Robert Ellsworth of New York, to be Assistant Secretary of Defense, vice Robert C. Hill, resigned, May 23, 1974. 1974. ii+34 p. + ●Item 1034

L.C. card 74-602264

Y 4.Ar 5/3:N 72/9/974-3

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

- 03760 Condominiums, hearings before Subcommittee on Housing and Urban Affairs Committee, 93d Congress, 2d session on S.2658 [and] S.4047, Oct. 9 and 10, 1974. 1974. iv+287 p. + ●Item 1035

L.C. card 75-600699

Y 4.B 22/3:C 75

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

[Committee publication] serial, 93d Congress.

- 03761 85. Consumer controversies, hearings before Subcommittee on Consumers of Committee on Commerce and Subcommittee on Representation of Citizen Interests of Committee on Judiciary, 93d Congress, 2d session on S.2928, Mar. 27-Apr. 18, 1974. 1974. iv+308 p. + ●Item 1041 & 1042

L.C. card 74-602474

Y 4.C 73/2:93-85

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# GOVERNMENT PUBLICATIONS

- 03762 100. Consumer Product Safety Commission oversight, joint hearings before Committee on Commerce and Committee on Government Operations, 93d Congress, 2d session, Apr. 3 and 11, 1974. 1974. iii+76 p. + ●Item 1041 & 1037 Y 4.C 73/2:93-100
- 03763 102. Energy waste and energy efficiency in industrial and commercial activities, hearings, 93d Congress, 2d Congress, May 13-June 13, 1974. 1974. iv+384 p.il. + ●Item 1041 L.C. card 74-603331 Y 4.C 73/2:93-102
- 03764 103. Discriminatory imposts on wine, hearing, 93d Congress, 2d session on S.4058, Oct. 7, 1974. 1974. iii+91 p. + ●Item 1041 L.C. card 74-603290 Y 4.C 73/2:93-103
- 03765 106. Nominations to Board of Directors, National Railroad Passenger Corp., and Amtrak oversight and authorization, hearings before Surface Transportation Subcommittee, 93d Congress, 2d session, on nominations [and] S.3569 and S.3613, June 6-11, 1974. 1974. iv+183 p.il. + ●Item 1041 L.C. card 75-600551 Y 4.C 73/2:93-106

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

- 03766 Public Service Commission nomination, hearing, 93d Congress, 2d session on nomination of H. Mason Neely to District of Columbia Public Service Commission, July 9, 1974. 1974. iii+6 p. + ●Item 1036 L.C. card 74-602316 Y 4.D 63/2:P 96/8

## Finance Committee, Senate Washington, DC 20510

- 03767 Profitability of selected major oil company operations; Dec. 30, 1974. 1974. iii+151 p. (Committee print, 93d Congress, 2d session.) \* Paper, \$1.65. L.C. card 75-600768 Y 4.F 49:Oi 5/4
- 03768 Summary of trade reform act of 1974 as ordered reported; Nov. 20, 1974. 1974. iii+41 p. (Committee print, 93d Congress, 2d session.) \* Paper, 65c. L.C. card 75-600770 Y 4.F 49:T 67/31
- Trade reform act of 1973, hearings, 93d Congress, 2d session on H.R.10710, Mar. 4-Apr. 10, 1974.
- 03769 pt. 4. Public witnesses. Mar. 26-Apr. 3, 1974. 1974. xv+1051-1757 p. \* Paper, \$6.65. ●Item 1038 L.C. card 74-601918 Y 4.F 49:T 67/23/pt. 4
- 03770 pt. 5. Public witnesses, Apr. 4-10, 1974. 1974. xix+1759-2337 p.il. \* Paper, \$4.85. ●Item 1038 Y 4.F 49:T 67/23/pt. 5
- 03771 pt. 6. Communications. 1974. xxiii+[1]+2341-2976 p.il. \* Paper, \$5.35. ●Item 1038 Y 4.F 49:T 67/23/pt. 6

## Foreign Relations Committee, Senate Washington, DC 20510

- 03772 Emergency marine fisheries protection act of 1974, hearing, 93d Congress, 2d session on S.1988, Sept. 5, 1974. 1974. iii+79 p. + ●Item 1039 L.C. card 74-602751 Y 4.F 76/2:F 53/4
- 03773 Prohibition of chemical and biological weapons, hearings, 93d Congress, 2d session on Ex.J, 91-2, Ex.Q, 92-2 and S.Res.48, Dec. 10, 1974. 1974. iii+71 p. + ●Item 1039 Y 4.F 76/2:W 37/3
- 03774 United States-Hungarian claims settlement agreement, hearing, 93d Congress, 2d session on H.R.13261, June 27, 1974. 1974. iii+32 p. + ●Item 1039 L.C. card 74-602409 Y 4.F 76/2:H 89

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## Government Operations Committee, Senate Washington, DC 20510

03775 Consumer Product Safety Commission oversight, joint hearings, see Commerce Committee, Senate.

Defense Department's CHAMPUS program, hearings before Permanent Subcommittee on Investigations, 93d Congress, 2d session.

03776 pt.2. July 25 and 26, 1974. 1974. iii+221-367 p. + ●Item 1037

Y 4.G 74/6:C 35/pt.2

03777 General Accounting Office act of 1974, hearing before Subcommittee on Budgeting, Management, and Expenditures, 93d Congress, 2d session on S.3013, Aug. 7, 1974. 1974. iv+216 p. + ●Item 1037

Y 4.G 74/6:G 28/2

Materials shortages, hearings before Permanent Subcommittee on Investigations, 93d Congress, 2d session, pursuant to sec. 4, S.Res.269, 93d Congress.

03778 pt.1. Sept. 1 and 2, 1974. 1974. iii+1-126 p.il. \* Paper, \$1.55. ●Item 1037

Y 4.G 74/6:M 41/5/pt.1

03779 pt.2. Petrochemicals, iron and steel, Oct. 9 and 10, 1974. 1974. iv+127-373 p.il. \* Paper, \$2.40. ●Item 1037

Y 4.G 74/6:M 41/5/pt.2

03780 Robert Vesco investigation, hearings before Permanent Subcommittee on Investigations, 93d Congress, 2d session, July 22-Oct. 7, 1974. 1974. iv+182 p. + ●Item 1037

L.C. card 75-600736

Y 4.G 74/6:V 63

03781 Sales of grain to Soviet Union, hearing before Permanent Subcommittee on Investigations, 93d Congress, 2d session, pursuant to sec. 4, S.Res.269, 93d Congress, Oct. 8, 1974. 1974. iii+71 p. + ●Item 1037

L.C. card 75-600517

Y 4.G 74/6:So 8/5

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

[Committee publication] serial, 93d Congress.

03782 27. National crude oil refinery development act, hearings, pt. 2, on S.2743, May 29 and 30, 1974. 1974. iv+251-425 p. + ●Item 1040

L.C. card 75-600952

Y 4.In 8/13:93-27/pt.2

03783 35. Oversight, mandatory petroleum allocation programs, pt. 2, hearings pursuant to S.Res.45, national fuels and energy policy study, 93d Congress, 2d session on Public law 93-159, Emergency petroleum act of 1973, Feb. 14 [and] 15, 1974. 1974. v+199-584 p.il. [Hearings held in Columbus and Cleveland, Ohio.] + ●Item 1040

L.C. card 74-601660

Y 4.In 8/13:93-35/pt.2

03784 55. International energy program, hearing pursuant to S.Res.45, national fuels and energy policy study, 93d Congress, 2d session on plan for sharing energy imports in time of emergency and cooperating on other energy programs, Nov. 26, 1974. 1975. iii+213 p. + ●Item 1040

L.C. card 75-600812

Y 4.In 8/13:93-55

03785 Hells Canyon National Recreation area, hearings before Subcommittee on Parks and Recreation, 93d Congress 1st session on S.657 [and] S.2233. Appendix to field hearings, Dec. 6-15, 1973. 1974. viii+[1]+556-970 p. [Hearings held in LaGrande, Oreg., and Lewiston, Idaho.] + ●Item 1040

L.C. card 74-602179

Y 4.In 8/13:H 36/9/app.

03786 Pine Ridge Indian Reservation demonstration development act, hearing before Subcommittee on Indian Affairs, 93d Congress, 2d session on S.3968, Sept. 24, 1974. 1974. iii+31 p. + ●Item 1040

L.C. card 75-600536

Y 4.In 8/13:P 65/2

# GOVERNMENT PUBLICATIONS

Proposed wilderness areas, hearing before Subcommittee on Public Lands, 93d Congress, 2d session, on S.601, S.1943 [and] H.R.6395.

- 03787 pt. 2. June 24, 1974. 1974. iii+347-412 p. 6 pl. and 5 maps in pocket. + ●Item 1040  
L.C. card 74-602197 Y 4.In 8/13:W 64/9/pt.2
- 03788 Reduction in force in BIA [Bureau of Indian Affairs], hearing before Subcommittee on Indian Affairs, 93d Congress, 2d session, Aug. 23, 1974. 1974. iii+249 p. + ●Item 1040  
L.C. card 75-600734 Y 4.In 8/13:In 2/32
- 03789 Wild free-roaming horse and burros act of 1971, hearing, 93d Congress, 2d session on administration of Public law 92-195, June 26, 1974. 1974. iii+140 p. + ●Item 1040  
L.C. card 75-600531 Y 4.In 8/13:H 78/2/971

## Judiciary Committee, Senate Washington, DC 20510

- 03790 Consumer controversies, see Commerce Committee, Senate.
- 03791 Humanitarian problems on Cyprus, hearing before Subcommittee to Investigate Problems Connected with Refugees and Escapees, 93d Congress, 2d session, Sept. 26, 1974. 1974. iv+136 p.il. + ●Item 1042  
L.C. card 75-600569 Y 4.J 89/2:C 99/4
- 03792 Refugee and humanitarian problems in Chile, pt 2, hearing before Subcommittee to Investigate Problems Connected with Refugees and Escapees, 93d Congress, 2d session, July 23, 1974. 1974. iii+304 p. + ●Item 1042  
Y 4.J 89/2:R 25/15/974
- 03793 Rules of evidence, hearings, 93d Congress, 2d session, on Federal rules of evidence, H.R.5463, June 4 and 5, 1974. 1974. x+389 p. + ●Item 1042  
L.C. card 74-602458 Y 4.J 89/2:Ev 3/2
- 03794 State Department bombing by Weatherman Underground, hearing before Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, 94th Congress, 1st session, Jan. 31, 1975. 1975. ii+29 p.il. + ●Item 1042  
L.C. card 75-600934 Y 4.J 89/2:B 63

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

- 03795 Effects of energy crisis on employment dislocations, 1974, hearing before Subcommittee on Labor, 93d Congress, 2d session, Feb. 12, 1974. 1974. iv+98 p. [Hearings held in Trenton, N.J.] + ●Item 1043  
L.C. card 74-602750 Y 4.L 11/2:En 2/3/974
- 03796 Fetal research, 1974, hearing before Subcommittee on Health, 93d Congress, 2d session on examination of varying and somewhat controversial issues involved in regard to ban on fetal research contained in National research act, July 19, 1974. 1974. iv+127 p. + ●Item 1043  
Y 4.L 11/2:F 43
- 03797 Labor market policy in Sweden, 1974, hearing before Subcommittee on Employment, Poverty, and Migratory Labor, 93d Congress, 2d session, Nov. 21, 1974. 1974. iii+288 p.il. + ●Item 1043  
L.C. card 75-600932 Y 4.L 11/2:Sw 3



# MARCH 1975

03798 National arthritis act, 1974, hearing before Subcommittee on Health, 93d Congress, 2d session on S.2854, Sept. 10, 1974. 1974. vi+634 p.il. + ●Item 1043  
L.C. card 75-600798 Y 4.L 11/2:Ar 7/6

03799 Nominations, hearings, 93d Congress, 2d session on Jewel P. Cobb, Norman Hackerman, William Neill Hubbard jr., Saunders Mac Lane, Grover E. Murrar, Donald B. Rice, jr., L. Donald Shields, and James H. Zumberge to be members of National Science Board, National Science Foundation, Sept. 11 and Oct. 3, 1974. 1974. iv+152 p. + ●Item 1043  
L.C. card 75-600720 Y 4.L 11/2:N 72/5/974-3

## National Emergencies and Delegated Emergency Powers, Special Committee On, Senate Washington, DC 20510

03800 Executive replies, Statutes at Large, pt. 3; Nov. 1974. 1974. iii+449-516 p. (Committee print, 93d Congress, 2d session.) \* Paper, 85c.  
Y 4.N 21/9:Ex 3/2/974/pt.3

## Nutrition and Human Needs, Select Committee On, Senate Washington, DC 20510

Maternal, fetal, and infant nutrition, 1974, hearings, 93d Congress, 2d session.

03801 pt. 4. Delays and cutback of WIC program. 1974. vi+295-502 p.il. (Series 74/MFI-4.)  
\* Paper, \$2.05. ●Item 1009 Y 4.N 95:M 41/974/pt.4

## Presidential Campaign Activities, Select Committee On, Senate Washington, DC 20510

Presidential campaign activities of 1972, Senate Res.60, hearings, 93d Congress, 2d session.

03802 bk.24. Watergate and related activities, Hughes-Rebozo investigation and related matters, June 10-14, 1974. 1974. v+11279-11717 p. \* Paper, \$3.20. ●Item 1009-A  
L.C. card 73-602551 Y 4.P 92/4:P 92/bk.24

## Public Works Committee, Senate Washington, DC 20510

[Committee publication] serial, 93d Congress.

03803 H 42. Clean air act oversight, hearings before Subcommittee on Environmental Pollution, 93d Congress, 2d session, pt. 1, May 13-20, 1974. 1974. iv+895 p.il. + ●Item 1045  
L.C. card 74-603284 Y 4.P 96/10:93-H 42/pt.1

03804 H 42. Clean air act oversight, hearings before Subcommittee on Environmental Pollution, 93d Congress, 2d session, pt. 2, May 21-June 3, 1974. 1974. iv+897-1522 p.il. + ●Item 1045  
L.C. card 74-603284 Y 4.P 96/10:93-H 42/pt.2

03805 H 53. Environmental Protection Agency's 1974 needs survey, hearing before Subcommittee on Environmental Pollution, 93d Congress, 2d session, Sept. 11, 1974. 1974. iii+61 p. + ●Item 1045  
L.C. card 75-600544 Y 4.P 96/10:93-H 53

03806 H 56. Report from National Academy of Sciences, hearing before Subcommittee on Environmental Pollution, 93d Congress, 2d session, Sept. 6, 1974. 1974. iii+43 p. + ●Item 1045  
L.C. card 74-603300 Y 4.P 96/10:93-H 56

# GOVERNMENT PUBLICATIONS

## Small Business, Select Committee On, Senate Washington, DC 20510

Advertising of proprietary medicines, hearings before Subcommittee on Monopoly, 93d Congress, 1st and 2d session on effect of promotion and advertising of over-the-counter drugs.

03807 pt. 4. Antacids, June 6, 1973-June 5, 1974. 1974. iv+1353-1672 p. \* Paper, \$3.00.

●Item 1049

L.C. card 77-614484

Y 4.Sm 1/2:M 46/pt.4

03808 Problems of small businessmen in performing Government contracts, hearing before Subcommittee on Government Procurement, 93d Congress, 2d session, May 21, 1974. 1974. iv+601 p. + ●Item 1049

L.C. card 74-602969

Y 4.Sm 1/2:G 74

## Veterans' Affairs Committee, Senate Washington, DC 20510

03809 Legislative recommendations of veterans' organizations, 1974, hearings, 93d Congress, 2d session, Feb. 27-Mar. 11, 1974. 1974. iii+126 p.il.

+ ●Item 1046-A

L.C. card 74-603297

Y 4.V 64/4:L 62/974

03810 Oversight of VA hospital programs in California, 1974, hearings before Subcommittee on Health and Hospitals, 93d Congress, 1st and 2d sessions, Jan. 18 [and] Feb. 13, 1974. 1974. iv+336 p.il. [Hearings held in Sacramento and West Los Angeles, Calif.] + ●Item 1046-A

L.C. card 75-601198

Y 4.V 64/4:C 12

## CONSUMER PRODUCT SAFETY COMMISSION Washington, DC 20207

03811 Annual report, July 1, 1973-June 30, 1974. [Oct. 1974.] [3]+114 p. 4° +

Y 3.C 76/3:1/974

## COPYRIGHT OFFICE, Library of Congress Washington, DC 20559

Catalog of copyright entries, 3d series, v.27. \* Paper, \$75.00 a yr. (including semi-annual issues for pts. 1-13); \$18.75 additional for foreign mailing.

03812 pt.1. Books and pamphlets, including serials and contributions to periodicals, no.1, Jan.-June 1973: sec.1. Current registrations A-L. ix+[1]+975 p. 4°, sec.2. Current registrations M-Z; Renewal registrations. [1]+977-1833 p. 4°, sec.3. Title index. [1]+1835-2424 p. 4° 1975. [ISSN 0041-7815.] \* Paper, \$20.00 a yr., add \$5.00 for foreign mailing; single copy, \$10.00. ●Item 791

L.C. card 6-35347

LC 3.6/5:v.27/pt.1/no.1/sec.1-3

03813 pt.5. Music, no.1, Jan.-June 1973: sec.1. Current and renewal registrations; sec.2. Name index. 1974. 2 sec., x+[1]+1726 p. [ISSN 0041-7866.] \* Paper, \$20.00 a yr., add \$5.00 for foreign mailing; semiannual issues, \$10.00. ●Item 795

L.C. card 6-35347

LC 3.6/5:v.27/pt.5/no.1/sec.1,2

03814 pt.12-13. Motion pictures, no.1, Jan.-June 1973. 1974. viii+[1]+70 p. 4° [ISSN 0090-8371.] \* Paper, \$6.00 a yr., add \$1.50 for foreign mailing; single issue, \$3.00. ●Item 800

L.C. card 6-35347

LC 3.6/5:v.27/pt.12-13/no.1

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

03815 Assessment of performance of economy under Economic Stabilization Program; [by] Donald Rumsfeld. Aug. 12, 1972. [1]+8 p.4° +

PrEx 17.2:Ec 7

\*For Sale by Superintendent of Documents

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**COUNCIL OF ECONOMIC ADVISERS, Executive Office of the  
President Washington, DC 20506**

- 03816 Current issues of economic policy, remarks of Herbert Stein , Chairman, Council of Economic Advisers, before Virginia Bankers Association, Hot Springs, Va., June 17, 1972. [1972.] 25 p. 4° +  
PrEx 6.9:St 3/4
- 03817 Remarks of Herbert Stein , Chairman, Council of Economic Advisers, before Grocery Manufacturers Greenbrier Executive Conference, White Sulphur Springs, W. Va., June 20, 1972. [1972.] 9 p. ° +  
PrEx 6.9:St 3/5
- 03818 Statement of Herbert Stein , Chairman, and Ezra Solomon, Member, of Council of Economic Advisers before Joint Economic Committee, Feb. 7, 1972. [1972.] 22 p. 4° +  
PrEx 6.9:St 3/3
- 03819 Will there be energy crisis? remarks of Hendrik S. Houthakker , Member, Council of Economic Advisers, at American Mining Congress Coal Convention, Pittsburg, Pa., May 17, 1971 [1971.] 14 p. 4° +  
PrEx 6.9:H 81/4
- 03820 Women in economy, remarks of Herbert Stein , Chairman, Council of Economic Advisers, before Symposium on Women in Economy, San Francisco, Calif., Sept. 21, 1972. [1972.] 14 p. 4° +  
PrEx 6.9:St 3/6

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

- 03821 OCS [Outer Continental Shelf] oil and gas, environmental assessment, report to President, v.1 Apr. 1974. xiv+214 p.il. 4° \* Paper, \$2.90 (S/N 4000-00322). ●Item 856-E  
PrEx 14.2:Oi 5/2/v.1
- 03822 OCS [Outer Continental Shelf] oil and gas, environmental assessment, report to President, v.2. Apr. 1974. [274] p.il. 4° \* Paper, \$3.70 (S/N 4000-00323). ●Item 856-E  
PrEx 14.2:Oi 5/2/v.2
- 03823 OCS [Outer Continental Shelf] oil and gas, environmental assessment, report to President, v.4. Apr. 1974. [624] p.il. 4° \* Paper, \$6.65 (S/N 4000-00325). ●Item 856-E  
L.C. card 75-600858  
PrEx 14.2:Oi 5/2/v.4

**CUSTOMS SERVICE, Treasury Dept. Washington, DC 20226**

- 03824 Customs regulations, 154th set of revised pages, Aug.-Sept. 1974. 1974. [113] p. 4° [Includes amendments made by Treasury Decisions 74-199 through 74-237; and corrections on CR-384-A and CR-384-B; new part 113 added. Issued with perforations.] \* Paper, \$28.50 (basic and revised pages for indefinite period); add \$7.15 for foreign mailing. ●Item 948-A  
T 17.9:971/rev.pages 154

**DEFENSE DEPARTMENT Washington, DC 20301**

- 03825 Annual historical summary: Defense Construction Supply Center, Columbus, Ohio, July 1, 1970-June 30, 1971. [1971.] [2]+101 leaves, 4° (RCS DD-DSA(A)216(L); [Defense Supply Agency].) #

# GOVERNMENT PUBLICATIONS

D 7.1/9:970-71

- 03826 Annual historical summary: Defense Personnel Support Center, Philadelphia, Pa., July 1, 1970- June 30, 1971. [1971.] cover title, [63] p.il. 4° (RCS DD-DSA (A)216 (L); Defense Supply Agency.) #

D 7.1/12:970-71

- 03827 Annual historical summary FY 71, Defense Logistics Services Center. [5]+45+[1] p.il. 4° (Defense Logistics Services Center, Battle Creek, Mich.) #

D 7.1/2:971

## Commanders digest, index.

- 03828 11-13. Feb. 8,-Dec. 27, 1973. Mar. 1974. [8] p. 4° (American Forces Press Service.) \* Paper, 30c. ●Item 312-B

D 2.15/2-2:11-13

- 03829 Defense integrated data system (DIDS,) procedure manual, Aug. 20, 1973, Change 29. Nov. 29, 1974. [146] p. 4° (DoD 4100.39-M, Defense Supply Agency Headquarters, Cameron Station, Alexandria, Va.) [Issued with perforations.] + ●Item 314-A

D 7.6/4:D 26/ch. 29

## Defense Supply Agency handbook DSAH (series).

- 03830 4215.2. Industrial plant equipment handbook:FSC 3220 woodworking machines. Apr. 1974. cover title, iii+71 p.4° (SB 708-3220-1; NAVSUP Pub 5500;AFM 78-7; MCO 4870.6C.) [Issued with perforations.] \* Paper, \$1.20. ●Item 314-A

D 7.6/7:4215.2/4

- 03831 4215.43. Industrial plant equipment handbook: FSC 4308 and 3410 Machining centers, way type machines, electrical and ultrasonic erosion machines Apr. 1974. cover title, iii+92 p. 4° (SB 708-3400-5; NAVSUP Pub 5542; AFM 78-41; MCO P4870.50B.) [Issued with perforations.] \* Paper, \$1.40. ●Item 314-A

D 7.6/7:4215.43/3

- 03832 4215.49. Industrial plant equipment handbook:FSC 3416 metalworking lathes. April 1974. cover title, iii+178 p. 4° (SB 708-3416-1;NAVSUP 5552;AFM 78-54;MCO P4870.57 A.) [Issued with perforations.] \* Paper, \$2.25. ●Item 314-A

D 7.6/7:4215.49/2

## Federal item identification guide FIIG (series). (Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.]

- 03833 A010A. Capacitors fixed, June 22, 1973, Change 3. Sept. 27, 1974. [58] p.il. 4° + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A

D 7.6/4:C 17/973/ch.3

- 03834 A023. Socket and plug-in electronic components, Aug. 28, 1970, Change 5. Dec. 24, 1974. [10] p.il. 4° + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A

D 7.6/4:So 1/2/ch. 5

- 03835 A050. Ranges, electric, gas, and oil burning, Nov. 29, 1968. Reprint Nov. 1, 1974. [1974.] [60] p.il. 4° [This reprint replaces edition of Nov. 29, 1968.] + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A

D 7.6/4:R 16/rep.

- 03836 A062. Holders, retainers, and shields, for electrical and electronic components. Reprint edition. July 26, 1974. cover title, [82] p.il. 4° [This reprint replaces edition of Sept. 19, 1969. Includes Changes 1,2, and 3, Dec.30, 1970, Mar.24, 1972, and Nov. 30, 1973.] + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A

D 7.6/4:H 71/rep.

- 03837 A064. Microphones and microphone elements, Sept. 19, 1969. Reprint Oct. 4, 1974. [1974.] [50] p.il. 4° [This reprint replaces edition of Sept. 19, 1969.] + (Price upon application). DLSC-AD SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A

D 7.6/4:M 58/rep.

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- 03838 A077. Electrical cable, cord, wire and assemblies, Sept. 25, 1970, Change 4. Nov. 1, 1974. [64] p.il. 4° + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:EI 2/7/ch.4
- 03839 A084A. Rings, wiping and sealing. Oct. 4, 1974. [1974.] [86] p.il. 4° [This edition supercedes FIIG A084.] + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:R 47/974
- 03840 A096. Capacitor, variable, May 21, 1971. Reprint July 5, 1974. [95] p.il. 4° [This reprint replaces edition of May 21, 1971.] + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:C 17/8/rep.
- 03841 A105. Rope, cable and chain fittings, May 7, 1971, Change 5. Oct. 11, 1974. [4] p. 4° + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:R 68/ch. 5
- 03842 A123. Furniture, general household and office, June 11, 1971. Reprint Oct. 4, 1974. [128] p.il. 4° [This reprint replaces edition of June 11, 1971.] + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:F 98/8/rep.
- 03843 A131. Metals bars, rods, wires, sheets, plates, and shapes, June 11, 1971, Change 6. Dec. 20, 1974. [12] p. 4° + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:M 56/3/ch.6
- 03844 A147. Generator engine accessory, Apr. 30, 1971. Reprint Oct. 4, 1974. [1974.] [68] p.il. 4° [This reprint replaces edition of Apr. 30, 1971.] + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:G 28/rep.
- 03845 A198. Dummy load, electrical, Nov. 27, 1970, Change 3. July 12, 1974. [28] p. 4° + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:D 89/ch.3
- 03846 A200. Attenuator, fixed, Jan. 1, 1971. Reprint Dec. 20, 1974. [1974.] [56] p.il. 4° [This reprint replaces edition of Jan. 1, 1971.] + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:At 8/rep.
- 03847 A216. Cloth, Apr. 3, 1970, Change 5. July 19, 1974. [52] p.il. 4° + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:C 62/ch.5
- 03848 A221. Surgical catheters, drains, and tubes, Apr. 10, 1970. Reprint Aug. 23, 1974. [1974.] [66] p.il. 4° [This reprint replaces edition of Apr. 10, 1970.] + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:Su 7/rep.
- 03849 A236. Counters, rotating and reciprocating. Reprint edition. July 26, 1974. cover title, [76]p.il. 4° [This reprint replaces edition of Apr. 23, 1971. Includes Changes 1,2, and 3, June 1, 1972, Aug. 24, 1973, and Nov. 30, 1973.] + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:C 83/4/rep.
- 03850 A254. Couplings, June 5, 1970. Reprint Aug. 9, 1974. [57] p.il. 4° [This reprint replaces edition of June 5, 1970.] + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:C 83/2/rep.
- 03851 A416. Lubricating oils, greases and hydraulic fluids. Nov. 22, 1974. [1974.] [73] p. 4° + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:L 96/4
- 03852 T002. Medicaments, Aug. 1, 1969. Reprint Jan. 17, 1975. [1974.] [97] p. 4° (INTERIM.) [This reprint replaces edition of Aug. 1, 1969.] + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:M 46/rep.
- 03853 T007. Cartridges, weapons, Aug. 7, 1970, Change 4. Oct. 18, 1974. [19] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:C 24/ch. 4
- 03854 T081. Electric and electronic bases, holders and supports, June 4, 1971, Change 3. Oct. 25, 1974. 7 p. 4 (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:EI 2/13/ch.3
- 03855 T082. Light-switch assembly, May 31, 1974, Change 1. Nov. 15, 1974. [18] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A

# GOVERNMENT PUBLICATIONS

- 03856 T084. Business machines, June 7, 1974, Change 1. Sept. 7, 1974 [11] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A D 7.6/4:L 62/rep./ch. 1
- 03857 T087. Hospital and medical bags, cases, covers, and pads, June 18, 1971. Reprint Jan. 17, 1975. [1974.] [82] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A D 7.6/4:B 96/2/rep./ch. 1
- 03858 T110. Books, maps, and other publications, June 21, 1974, Change 1. Dec. 6, 1974. [17] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A D 7.6/4:H 79/9/rep.
- 03859 T114. Plumbing, heating and sanitation equipment, Mar. 5, 1971, Change 3. Sept. 27, 1974. [13] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A D 7.6/4:B 64/rep./ch. 1
- 03860 T128. Indicators, general, Mar. 26, 1971, Change 4. Nov. 15, 1974. [33] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A D 7.6/4:P 73/ch.3
- 03861 T134. Miscellaneous meters, July 29, 1974, Change 1. Nov. 15, 1974. [37] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A D 7.6/4:In 2/6/ch. 4
- 03862 T137. Scales and balances, Apr. 16, 1971. Reprint July 26, 1974. [1974.] [59] p. 4° (INTERIM.) [This reprint replaces edition of Apr. 16, 1971.] + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A D 7.6/4:M 51/rep./ch. 1
- 03863 T142. Miscellaneous relay and switch components. Reprint edition. Aug. 2, 1974. cover title, [199]p.il. 4° (INTERIM.) [This reprint replaces edition of July 31, 1970. Includes Changes 1,2, and 3, July 26, 1971, and May 3, 1972.] + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A D 7.6/4:Sca 4/rep.
- 03864 T145. Liquid and gas flow, liquid level and mechanical motion measuring instrument, Jan. 21, 1971, Change 4. Nov. 1, 1974. [9] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A D 7.6/4:R 27/rep.
- 03865 T147. Bombs and components, Mar. 26, 1971, Change 2. Aug. 30, 1974. [19] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A D 7.6/4:L 66/ch. 4
- 03866 T148. Grenades, Aug. 28, 1970, Change 3. Aug. 22, 1974. [9] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A D 7.6/4:B 63/ch. 2
- 03867 T150. Photographic equipment and accessories, Apr. 30, 1971, Change 3. Nov. 1, 1974. [26] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A D 7.6/4:G 86/ch.3
- 03868 T154. Speed changers and components, May 21, 1971, Change 2. Oct. 18, 1974. [29] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A D 7.6/4:P 56/2/ch. 3
- 03869 T155. Laundry and dry cleaning equipment, May 29, 1970. Reprint Nov. 1, 1974. [1974.] [81] p. 4° (INTERIM.) [This reprint replaces edition of May 29, 1970.] + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A D 7.6/4:Sp 3/ch. 2
- 03870 T156. Demolition materials, Aug. 14, 1970, Change 3. Aug. 30, 1974. [13] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A D 7.6/4:L 37/rep.
- 03871 T171. Cutting tools for machine tools, June 21, 1974. Change 1. Nov. 1, 1974. [1974.] [4] p.il. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A D 7.6/4:D 39/ch.3
- 03872 T204. Road clearing, cleaning, and marking equipment, Nov. 27, 1970, Change 2. Oct. 18, 1974. [11] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A D 7.6/4:C 98/rep/ch. 1

D 7.6/4:R 53/ch.2

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- 03873 T209. Miscellaneous construction equipment, May 10, 1974, Change 1. Sept. 20, 1974. [26] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:C 76/12/ch.1
- 03874 T213. Miscellaneous communication equipment, Oct. 16, 1970. Reprint Sept. 27, 1974. [1974.] [148] p.il. 4° (INTERIM). [This reprint replaces edition of Oct. 16, 1970.] + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:C 73/3/rep.
- 03875 T231. Fencing, Architectural and related metal products, Apr. 2, 1971, Change 5. Sept. 27, 1974. [22] p. 4° (INTERIM). + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 43016 ●Item 314-A  
D 7.6/4:F 35/ch.5
- 03876 T232. Miscellaneous construction materials, Jan. 1, 1971. Reprint Oct. 4, 1974. [1974.] [66] p.il. 4° (INTERIM.) [This reprint replaces edition of Jan. 1, 1971.] + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:C 76/7/rep.
- 03877 T248. Bands, neckwear and handkerchiefs, Mar. 5, 1971. Reprint Dec. 27, 1974. [1974.] [34] p. 4° (INTERIM.) [This reprint replaces edition of Mar. 5, 1971.] + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:B 22/2/rep.
- 03878 T262. Armament and operational training devices, Nov. 13, 1970, Change 2. Dec. 6, 1974. [16] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:Ar 5/ch.2
- 03879 T267. Engine block and components, June 21, 1974, Change 1. Oct. 18, 1974. [21] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:En 34/ch.1
- 03880 T273. Motor vehicle maintenance and repair shop equipment, Feb. 26, 1971, Change 2. Oct. 4, 1974. [21] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:M 85/ch. 2
- 03881 T277. Vehicles and trailers, Apr. 25, 1974, Change 1. Nov. 22, 1974. [38] p.4° + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:V 53/4/rep/ch.1
- 03882 T305. Vehicular cab, body, frame and miscellaneous structural components, Apr. 16, 1971, Change 2. Oct 11, 1974. [20] p. 4° (INTERIM). + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:V 53/2/ch.2
- 03883 T333. Agricultural machinery and equipment, Apr. 30, 1971, Change 2. Oct. 18, 1974. [21] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:Ag 8/2/ch. 2
- 03884 T338. Miscellaneous weapons and equipment, July 12, 1974, Change 1. Nov. 1, 1974. [28] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:W 37/rep./ch. 1
- 03885 T338. Miscellaneous weapons and equipment. July 12, 1974. cover title, [153] p.il. 4° (INTERIM.) [This reprint replaces edition of Apr. 30, 1971.] + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:W 37/rep.
- 03886 T344. Building glass, tile, brick, and block, Apr. 23, 1971, Change 2. Aug. 23, 1974. [11] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:B 86/ch.2
- 03887 T347. Fire surfacing materials, Mar. 5, 1971, Change 4. Oct. 4, 1974. [12] p. 4° (INTERIM). + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:F 51/2/ch.4
- 03888 T352. Marine lifesaving and diving equipment, May 28, 1974, Change 1. Oct. 4, 1974. [17] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:M 33/rep./ch.1
- 03889 T352. Marine lifesaving and diving equipment, May 28, 1974, Change 2. Nov. 15, 1974. [12] p. 4° (INTERIM.) + (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI 49016 ●Item 314-A  
D 7.6/4:M 33/rep./ch. 2



# GOVERNMENT PUBLICATIONS

03890 T353. Transmission chain, May 14, 1971, Change 3. Oct. 18, 1974. [20] p. 4° (INTERIM.)  
+ (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI  
49016 ●Item 314-A

D 7.6/4:T 68/2/ch.3

03891 T383. Hose, pipe and tubing, Apr. 9, 1971, Change 3. Aug. 30, 1974. [9] p. 4 (INTERIM.)  
+ (Price upon application). DLSC-AP SA 1631, Federal Center, Battle Creek, MI  
49016 ●Item 314-A

D 7.6/4:H 79/5/ch.3

03892 Federal supply classification listing of DoD standardization documents.  
July 1, 1974. [1974.] x+652 p. 4° [Issued with perforations. Supersedes  
index dated July 1, 1973 and Supplement dated May 1, 1974.]  
\* Paper, \$16.20 (basic and supplementary material for indefinite  
period); add \$4.05 for foreign mailing. ●Item 314-G

D 7.14/2:974

03893 [MILSTRIP] military standard requisitioning & issue procedures,  
Change 3. June 1, 1974. [169] p.il. 4° (DoD 4140.17-M; Defense  
Supply Agency.) [Issued with perforations. Supersedes interim  
changes 7-73 8-73 and 1-74 through 5-74.] \* Paper, \$2.25. ●Item  
314-A

D 7.6/4:M 59/971/ch.3

Plastics Technical Evaluation Center, Picatinny Arsenal, Dover, N.J.:  
PLASTEC note.

03894 9B. Trade designations of plastics and related materials (revised); by Joan B. Titus  
. Oct. 1974. [2]+iv+221 p. 4° [Issued with perforations.] \$ Paper, \$13.00.

D 4.11/2:9B

## DOMESTIC AND INTERNATIONAL BUSINESS ADMINISTRATION, Commerce Dept. Washington, DC 20230

03895 Export information services for U.S. business firms. [June 1974.] cover  
title, 8 p.il. oblong 48° [Text on p. 2 and 3 of cover.] + ●Item  
231-B-1

C 57.2:Ex 7/3/974

03896 Inventory of nontariff barriers of selected countries and European com-  
munity, STR/commerce industry consultations for multilateral trade  
negotiations. [1974.] [1]+92 p. 4° + ●Item 231-B-1

C 57.2:In 8

Overseas business reports OBR (series). [Issued irregularly.] \* Paper,  
\$36.50 a yr., add \$9.15 for foreign mailing; single copy 50c.

03897 74-21. Basic data on economy of People's Republic of China [with bibliography]; by  
John Phipps and JeNelle Matheson. June 1974. 39 p.il. 4° [Issued with perforations.  
Supersedes OBR 72-047.] ●Item 231-B

C 57.11:74-21

03898 Overseas trade promotions calendar, Jan. 1975-Dec. 1975 Oct. 1974.  
[1] +v+21 p. + ●Item 231-B-2

C 57.12:975

03899 U.S. industrial outlook, 1975, with projections to 1980; [with list of  
references]. [1974.] x+432 p.il.4° \* Paper, \$4.00 (S/N 0325-00020).  
●Item 215-L

C 57.18:975

## DOMESTIC COMMERCE BUREAU, Commerce Dept. Washington, DC 20230

03900 Summary of information on lumber and wood products; [revised by  
Adair Mitchell ]. [July 1974.] cover title, 11 p. 4° ([Construction

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and Forest Products Division, Office of Business Research and Analysis].) +

C 57.502:L 97

**EAST-WEST TRADE BUREAU, Commerce Dept. Washington, DC 20230**

- 03901 Export administration regulations, 1974 [dividers.] [1974.] 27 blank dividers with tabs showing section titles. [Issued with perforations.] + ●Item 211

C 57.409:974/dividers

- 03902 Selected U.S.S.R. and Eastern European trade and economic data. May 1974. vi+51 p.il. 4° [Prepared by Office of East-West Trade Analysis.] \* Paper, 95c. ●Item 212-A-1  
L.C. card 74-602215

C 57.402:Un 3/974

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

- 03903 Study of feasibility of establishing distant-water fishing industry in Puerto Rico [with list of references] [1973.] [1]+i+76 leaves 4° (Technical Assistance Project.) [Prepared by Robert E. O'Brien, Inc., under contract 0-35464, project 01-6-09375 with Puerto Rico Department of Agriculture.] +

C 46.2:F 53

**ECONOMIC RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250**

- 03904 Economic aspects of vegetable oils and fats industry in United States, presented at International Trade and Development Conference, United Nations Economic Commission for Asia and Far East (ECAFE) held, Battelle Seattle Research Center, Seattle, Wash.; by George W. Kromer. June 10, 1974. 35 p.il. 4° [Last 2 pages left blank for notes.] + ●Item 42-H

A 93.2:V 52

**ERS-(series).**

- 03905 578. Employment in agricultural and agribusiness occupations, region 8 [Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming]. [Dec. 1974.] cover title, ii+119 p. 4° [Prepared in cooperation with Bureau of the Census, Office of Education, Manpower Administration, and Bureau of Labor Statistics. Abstract on p. 2 of cover. Page 119 is p. 3 of cover.] + ●Item 42-I

A 93.21:578

- 03906 579. Employment in agricultural and agribusiness occupations, region 9 [Arizona, California, Hawaii, Nevada]. [Dec. 1974.] cover title, ii+96 p. 4° [Prepared in cooperation with Bureau of the Census, Office of Education, Manpower Administration, and Bureau of Labor Statistics. Abstract on p. 2 of cover.] + ●Item 42-I

A 93.21:579

- 03907 Farm real estate, market developments, CD 78, Supp.2. June 1974. 7 p.il. 4° + ●Item 42-A

A 93.9/4:78/supp.2

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

- 03908 Continuing Federal role in higher education, by Terrell H. Bell, U.S. Commissioner of Education, prepared for annual meeting of National Council of University Research Administrators, Washington, D.C., Oct. 31, 1974. [1974.] 6 leaves 4° +

HE 5.8:B 41/12

## GOVERNMENT PUBLICATIONS

- 03909 Financial statistics of institutions of higher education, property, 1969-70; by Paul F. Mertins and Norman J. Brandt. [1974.] vi+112 p. 4° (DHEW publication (OE) 74-11427; National Center for Educational Statistics.) [Highlights on p. 2 of cover.] \* Paper, \$1.55.  
●Item 460-A-52

HE 5.92/10-2:969-70

- 03910 Foundation to build on; [by] Terrell H. Bell, U.S. Commissioner of Education, prepared for annual conference of Association of School Business Officials, Miami, Fla., Oct. 16, 1974. [1974]. 13 leaves 4° +

HE 5.8:B 41/13

- 03911 Inside-out: Final report and recommendations of Teachers National Field Task Force on improvement reform of American education. [1974.] (DHEW publication (OE) 74-12002.) \* Paper, \$1.00. ●Item 461 (Rev. 1965)

HE 5.2:In 7/8

- 03912 Vocational education, secondary and post-secondary, 1967-72, annotated bibliography; compiled by Alice H. Songe. [1973.] vii+53 p. ([NACVE publication 2Z20295060.]) [Compiled for National Advisory Council on Vocational Education.] +

HE 5.10: V 85/2/967-72

- 03913 Working together: Final report and recommendations of Basic Studies National Field Task Force on improvement and reform of American education. [1974.] v+42 p. 4° (DHEW publication (OE) 74-12004.) \* Paper, 85c. ●Item 461 (Rev. 1965.)

HE 5.2:W 89/3

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

- 03914 Stockpile report to Congress, July-Dec. 1971 [pursuant to sec. 4 of Strategic and critical materials stockpiling act, Public law 520, 79th Congress.] [1972.] vi+29 p.il. 4° +

PrEx 4.9:971-2

- 03915 Stockpile report to Congress, Jan.-June 1972 [Pursuant to sec. 4 of Strategic and critical materials stock piling act, Public law 520, 79th Congress.] [1972.] vi+29 p.il. 4° #

PrEx 4.9:972

- 03916 Stockpile report to Congress, July-Dec. 1972 [pursuant to sec. 4 of Strategic and critical materials stockpiling act, Public law 520, 79th Congress.] [1973.] vi+27 p.il. 4° +

PrEx 4.9:972-2

### ENGINEERS CORPS (Army), Defense Dept.

Note.—Orders or requests for publications listed below which are not sold by the Superintendent of Documents should be sent to the preparing and issuing office indicated. Address requests to the U.S. Army Corps of Engineers and add the city and state shown. Publications shown as initiated and issued by the Chief of Engineers should be sent to: Office of the Chief of Engineers, Publications Depot, 890 Pickett Street, Alexandria, VA 22304.

- 03917 Chesapeake and Delaware Canal. 1974. cover title, [20] p.il. oblong 48° (Philadelphia District, North Atlantic Division.) [Colored illustrations on p. 1 and 4 of cover.] #

D 103.2:C 42/2

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## Cold Regions Research and Engineering Laboratory, Hanover, N.H.: Special report.

- 03918 211. Cold regions habitability, selected bibliography; [by] C. Burgess Ledbetter . Sept. 1974. iii+27 p. 4° [DA project 4A162121A894.] +  
D 103.33/2:211

## Construction Engineering Research Laboratory, Champaign, Ill.: Interim report.

- 03919 M-97. Laboratory evaluation of chemical technique to determine water cement content of fresh concrete [with list of references]; by P. A. Howdysheill . July 1974. cover title, 41 p.il. 4° [Rapid testing-plastic PCC.] § (Price upon application).  
D 103.53/5:M-97

## Construction Engineering Research Laboratory, Champaign, Ill.: Technical report.

- 03920 E-22. Sanitary landfill [with list of references]; by D. L. Nelson . Jan. 1974. cover title, 32 p.il. 4° [Criteria for pollution control facilities.] § (Price upon application).  
D 103.53:E-22
- 03921 P-26. Development of military construction data system (MCDS), pt.1 [with list of cited and uncited references]; by Esther K.C. Lee . Sept. 1974. cover title, 83 p.il. 4° (Military construction data system.) § (Price upon application).  
D 103.53:P-26/pt.1

## Flood plain information (series).

- 03922 Rio Cibuco and Rio Indio, Vega Baja and Vega Alta, P.R. June 1973. cover title [4]+i+37 p.il. 7 pl. 7 maps, 4° [Prepared for Puerto Rico Department of Natural Resources by Army Department, Jacksonville District, Engineers Corps. Jacksonville, Fla.]  
D 103.47:V 52

- 03923 Lakeside recreation in New England, directory of recreation opportunities at U. S. Army Corps of Engineers projects. [1974.] [2] p.il. large 4° folded into narrow 8° size. (Office of Chief of Engineers.)  
+

D 103.2:N 42 e

- 03924 Stages and discharges of Mississippi River and tributaries in St. Louis District, 1969. Army-MRC Vicksburg, Miss. [1974.] xiii+195 p.il. 4° (Army Engineer District, St. Louis.) [Illustration is colored.] + Paper,\$1.25.

D 103.45/3:969

- 03925 U.S. Army Cold Regions Research and Engineering Laboratory. [1974.] cover title, [17] p.il. 4° (U.S. Army Cold Regions Research and Engineering Laboratory, Hanover, N.H.) [Text and illustration on p. 1-4 of cover. Some illustrations are colored.] #

D 103.33/5:C 67/2

## Waterways Experiment Station.

Note.—Unless otherwise indicated, publications of Waterways Experiment Station may be ordered from Corps of Engineers, U.S. Army, Waterways Experiment Station, Vicksburg, Miss. (Price upon application).

## Technical report.

- 03926 C-74-7. Crack-arrest techniques in reinforced concrete structural elements, report 1, laboratory tests [with list of references]; by Frank B. Cox . Army MRC, Vicksburg, Miss. Nov. 1974. cover title, [168] p.il. 4° [Sponsored by Office, Chief of Engineers, U.S. Army. Conducted by U.S. Army Waterways Experiment Station, Concrete Laboratory, Vicksburg, Miss. Accompanied by abstract card.] § (Price upon application).  
D 103.24/2:C-74-7
- 03927 E-73-6. Explosive selection and fallout simulation experiments nuclear cratering device simulation (Project Diamond Ore) [with list of references]; by J. M. O'Connor , T. J. Donlan, [and] D. E. Burton. Army MRC Vicksburg, Miss. Oct. 1973. cover

## GOVERNMENT PUBLICATIONS

title, [2]+x+139 p.il. 4° (Explosive Excavation Research Laboratory, Calif.)  
[Sponsored by Defense Nuclear Agency.]

- D 103.24/2:E-73-6
- 03928 H-74-10. Spillway for Aliceville Lock and Dam Tombigbee River, Ala., hydraulic model investigation; by Noel R. Oswalt . Oct. 1974. [2]+20+[15] p.il. 4° §(Price upon application.)
- D 103.24/2:H-74-10
- 03929 H-74-11. Tillamook Bay Model study, hydraulic model investigation; by George M. Fisackerly. Army MRC,Vicksburg, Miss. Nov. 1974. cover title, [191] p.il. 4° [Sponsored by U.S. Army Engineer District, Portland, Oreg. Conducted by U.S. Army Waterways Experiment Station, Hydraulics Laboratory, Vicksburg, Miss.] §(Price upon application).
- D 103.24/2:H-74-11
- 03930 H-74-13. Spillway for Columbus Lock and Dam Tombigbee River, Ala., hydraulic model investigation; by Noel R. Oswalt and Glenn A. Pickering. Army MRC, Vicksburg, Miss. Nov. 1974. cover title, 1+16+[17] p.il. 4° (Hydraulics Laboratory, Vicksburg, Miss.)
- D 103.24/2:H-74-13
- 03931 M-74-6,v.1. User-accessed computer information system for environmentally sensitive wildlife [with list of literature cited]; by Eugene E. Addor and Victor E. LaGrade. Army-MRC Vicksburg, Miss., June 1974. [138] p.il. 2 overlays in pocket, 4° (Mobility and Environmental Systems Laboratory, Vicksburg, Miss.) [Sponsored by Military Construction Directorate, project 4A162121A896.]
- D 103.24/2:M-74-6/v.1
- 03932 M-74-6,v.2. User-accessed computer information system for environmentally sensitive wildlife, by Eugene E. Addor , Jack K. Stoll, Victor E. LaGrade. Army-MRC Vicksburg, Miss., June 1974. [260] p. 4° (Mobility and Environmental Systems Laboratory, Vicksburg, Miss.) [Sponsored by Military Construction Directorate, project 4A162121A896.]
- D 103.24/2:M-74-6/v.2
- 03933 M-74-6,v.3. User-accessed computer information system for environmentally sensitive wildlife by Eugene E. Addor [and others]. Army-MRC Vicksburg, Miss., June 1974. [58] p.il. 14 overlays in pocket, 4° (Mobility and Environmental Systems Laboratory, Vicksburg, Miss.) [Sponsored by Military Construction Directorate, project 4A162121A896.]
- D 103.24/2:M-74-6/v.3

### ENVIRONMENTAL DATA SERVICE, Commerce Dept. Washington, DC 20235

- 03934 ENDEX/OASIS, NOAA environmental data key. [1974.] [6] p.il. narrow 12° ([NOAA/PA 74014.]) + ●Item 273-D-1

C 55.202:En 2

### ENVIRONMENTAL PROTECTION AGENCY Washington, DC 20460

- 03935 ABC, classification system for water and wastewater facilities and personnel, project report. June 1974. [5]+33 p.il. 4° (Office of Water Program Operations.) [Project report by Association of Boards of Certification for Operating Personnel in Water and Wastewater Utilities. Grant T900369-01-1.] +
- EP 2.2:C 56
- 03936 Addendum to ES001, source deck for ES002, for IBM 1130; [by] Steven C. Chapra , Seymour Gordimer. Sept. 1973. [32] leaves 4° (Region 2, New York, N.Y.) +
- EP 1.2:Es 1/3
- 03937 Addendum to ES001, verification of model for New York Harbor [with list of references; by] Steven C. Chapra , Seymour Gordimer. Sept.1973. [49] leaves il. 4° +
- EP 1.2:Es 1/2
- 03938 Assessment of effects of lead additives in gasoline on emission control systems which might be used to meet 1975-76 motor vehicle emission standards, final report [with lists of references]. Nov. 15, 1971. [226] p.il. 4° (Division of Emission Control Technology, Mobile Source

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Pollution Control Program, Office of Air Programs.) [Prepared by Office of corporate Planning, Aerospace Corporation, El Segundo, Calif. Contract F04701-71-C-0172, report TOR-0172(2787)-2.] +

EP 4.2:L 46

- 03939 Biological treatment of waste water, 1970 status. [1970.] cover title, 6 leaves, 4° (Robert A. Taft Water Research Center, Advanced Waste Treatment Research Laboratory, Federal Water Quality Administration, Interior Dept., Cincinnati, Ohio.) +

I 67.2:W 28/12/970

- 03940 Characterization of sulfur recovery from refinery fuel gas [with list of references]; by J.M. Genco and S. S. Tam. June 1974. [140] p.il. 4° (Office of Air and Waste Management, Office of Air Quality Planning and Standards, EPA-450/3-74-005.) [Contract 68-02-0611.] § (Price upon application).

EP 1.2: Su 5/2

- 03941 Collaborative study of reference method for determination of sulfur dioxide in atmosphere, pararasaline method, 24-hour sampling [with lists of references; by] Richard A. McCoy, David E. Camann, [and] Herbert C. McKee. Dec. 1973. [103] leaves il. 4° (Methods Standardization Branch: QAEML, National Environmental Research Center; [EPA-650/4-74-027.]) [Contract CPA 70-40, SwRI project 01-2811.] +

EP 1.2:Su 5/3

Development document for effluent limitation guidelines and new source performance standards.

- 03942 Bauxite refining subcategory of aluminum segment of nonferrous metals manufacturing, point source category [with list of references]. Mar. 1974. viii+99 p.il. 4° ([EPA-440/1-74-019C]; Effluent Guidelines Division, Office of Air and Water Programs.) \* Paper, \$1.45 ● Item 431-I-5

EP 1.8/3:B 32/974

- 03943 Development of emission factors for fugitive dust sources [with lists of references]; by Chatten Cowherd, jr. [and others]. June 1974. xviii+170 +[3] p.il. 4° (Office of Air and Waste Management, Office of Air Quality Planning and Standards; EPA-450/3-74-037.) [Contract 68-02-0619.] § (Price upon application).

EP 1.2:D 92/2

- 03944 Development of example 10-year air quality maintenance plan for Denver AQMSA [with list of references]; by Frank A. Record. Sept. 1974. [654]p.il. 4° (Office of Air and Waste Management, Office of Air Quality Planning and Standards; EPA-450/3-74-053; GCA-IR-74-13G.) [Contract no. 68-02-1376.] § (Price upon application).

EP 1.2: Ai 7/20

- 03945 Development of trial air quality maintenance plan using Baltimore air quality control region; [by J.K. Allison and others.] Sept. 1974. [292] p.il. 4° (EPA-450/3-74-50; Office of Air and Waste Management, Office of Air Quality Planning and Standards, Research Triangle Park, N.C.) [Prepared by Engineering-Science, Inc., assisted by Howard, Needles, Tammen & Bergendoff under contract 68-02-1380, task 2.] § (Price upon application).

EP 1.2: Ai 7/18

- 03946 Documentation for ES001, steady-state, one dimensional, estuarine water quality model [with list of references; by] Steven C. Chapra

## GOVERNMENT PUBLICATIONS

[and] Seymour Gordimer. Sept. 1973. [1]+160+[32] leaves, il. 4°  
(Environmental Protection Agency, Region 2, New York, N.Y.) +  
EP 1.2:Es 1

### Ecological research series.

- 03947 650/3-74-009. Air pollution effects on catastrophic failure of metals [with list of references]; by Jon Gerhard and Fred H. Haynie. Nov. 1974. iv+34 p. 4° (Office of Research and Development, National Environmental Research Center.) [Program element 1AA008, ROAP 21 AMN.] § (Price upon application). EP 1.23:650/3-74-009
- 03948 650/3-74-010. Proceedings of solvent reactivity conference. Nov. 1974. iii+41 p. il. 4° (National Environmental Research Center, Office of Research and Development.) [Program element 1AA008, ROAP 21AZJ-02.] + EP 1.23:650/3-74-010
- 03949 660/3-74-026. Development of sample preparation methods for analysis of marine organisms, s [with bibliography]; by Herbert C. McKee and David S. Trazi. Jan. 1974. iii+60 p. il. 4° (Office of Research and Development.) [Grant 16020 EGG, SwRI project 01-2693, program element 1BA022.] \* Paper, \$1.05. ●Item 431-I-11 EP 1.23:660/3-74-026

### Environmental health effects research series.

- 03950 650/1/74-007. Epidemiology of chronic respiratory disease, literature review [with list of references]; by I.T.T. Higgins. Aug. 1974. ix+129 p. 4° (Office of Research and Development.) [Contract PH-86-68-142, program element 1AA005, ROAP 21BLE.] § (Price upon application). EP 1.23/4:650/1-74-007
- 03951 650/1-74-010. Reactivity of polynuclear aromatic hydrocarbons with O<sub>2</sub> and NO in presence of light [with list of references]; by Nicholas E. Geacintov. Dec. 1973. iv+31 p. il. 4° (Office of Research and Development.) [Grant R801393, ROAP 21BLD, program element 1AA005.] § (Price upon application). EP 1.23/4:650/1-74-010

### Environmental monitoring series.

- 03952 650/4-74-007. Determination of energetic characteristics of urban-rural surfaces in greater St. Louis area [with list of references]; by W.F. Dabberdt and P. A. Davis. Apr. 1974. [119] p. il. 4° (Office of Research and Development.) [Contract 68-02-1015, project 26AA1/16, program element 1AA003.] § (Price upon application). EP 1.23/5:650/4-74-007
- 03953 650/4-74-028. Collaborative study of method for determination of nitrogen oxide emissions from stationary sources (nitric acid plants) [with list of references]; by Henry F. Hamil and R. E. Thomas. May 1974. vi+38 p. il. 4° (Office of Research and Development.) [Contract 68-02-0626, ROAP 26AAG, program element 1HA327.] § (Price upon application). EP 1.23/5:650/4-74-028
- 03954 650/4-74-031. Evaluation of triethanolamine procedure for determination of nitrogen dioxide in ambient air; [by] E. Carol Ellis and John. H. Margeson. July 1974. iv+28 p. il. 4° (Office of Research and Development, National Environmental Research Center.) [Task 015, program element 1HA327, ROAP 26AAF.] § (Price upon application). EP 1.23/5:650/4-74-031
- 03955 650/4-74-034. Aerosol formation from gas-phase reactions of ozone and olefin in presence of sulfur dioxide [with list of references]; by David N. McNelis. Aug. 1974. x+220+[2] p. il. 4° (Office of Research and Development, National Environmental Research Center.) [Program element 21 AKB; ROAP 38.] § (Price upon application). EP 1.23/5:650/4-74-034
- 03956 650/4-74-037. Atmospheric measurement of photochemical smog reactions, preliminary analysis [with list of references]; by R.C. Robbins and L.A. Cavanagh. Feb. 1972. vii+37+A-17 p. il. 4° (Office of Research and Development.) [Contract 68-02-0010. Co-sponsored by Coordinating Research Council, New York, N.Y.] § (Price upon application). EP 1.23/5:650/4-74-037

### Environmental protection technology series.

- 03957 650/2-74-073. St. Louis/Union Electric refuse firing demonstration air pollution test report [with list of references]; by Larry J. Shannon [and others.]. Aug. 1974. xi+108 p. il. 4° (National Environmental Research Center, Office of Research and Development.) [Contract 68-02-1324, task 11, ROAP 21AQQ10, program element 1AB013.] § (Price upon application). ●Item 431-I-12 EP 1.23/2:650/2-74-073

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# MARCH 1975

03958 650/2-74-101. Atmospheric emissions from asphalt roof processes [with lists of references]; by R.W. Gerstle . x+149 p.il. 4° (Office of Research and Development.) [Contract 68-02-1321 (Task 15), ROAP 21AXM-011, program element 1ABQ15.] \* (Price upon application.)

EP 1.23/2:650/2-74-101

03959 650/2-74-111. Measurement of sulfur dioxide, particulate, and trace elements in copper smelter converter and roaster/reverberatory gas streams [with list of references]; by Robert M. Statnick . Oct. 1974. viii+68+16 p.il. 4° (National Environmental Research Center, Office of Research and Development.) [ROAP 21ADM-012, program element 1AB012.] § (Price upon application.)

EP 1.23/2:650/2-74-111

03960 650/2-74-118. Symposium proceedings, environmental aspects of fuel conversion technology, May 1974, St. Louis, Mo. [with list of references]; Franklin A. Ayer , Compiler. Oct. 1974. viii+366 p.il. 4° (Office of Research and Development.) [Contract 68-02-1325, task 6, program element 1AB013, ROAP 21ADD & 21AFJ.] § (Price upon application.)

EP 1.23/2:650/2-74-118

03961 660/2-73-027. Tissue enzyme assay for chlorinated hydrocarbon insecticides [with bibliographies]; by Laurence K. Cutkomp . May 1974. vi+39+[1] p.il. 4° (Office of Research and Development.) [Project 16030 ELZ, program element 1BA027.] \* Paper, 85c. ●Item 431-I-12

EP 1.23/2:660/2-73-027

03962 660/2-74-072. Demonstration of separation and disposal of concentrated sediments [with list of references]; by Michael A. Nawrocki . June 1974. vi+77+[1] p.il. 4° (Office of Research and Development.) [Contract 68-01-0743, program element 1 B2042, Roap/Task PEMP 03.] \* Paper, \$1.45. ●Item 431-I-12

EP 1.23/2:660/2-74-072

03963 660/2-74-073. Executive summary of three EPA demonstration programs in erosion and sediment control [with list of references]; by Burton C. Becker , Michael A. Nawrocki, Gary M. Sitek. June 1974. viii+50+[1] p.il. 4° (Office of Research and Development.) [Contract 68-01-0743, program element 1 B2042, Roap/Task PEMP 03.] \* Paper, \$1.20. ●Item 431-I-12

EP 1.23/2:660/2-74-073

03964 670/2-73-082. New microbial indicators of wastewater chlorination efficiency [with list of references]; by Richard S. Engelbrecht [and others]. Feb. 1974. viii+67 p.il. 4° (Office of Research and Development.) [Project 17060 EYZ, program element 1BB043. \* Paper, \$1.15. ●Item 431-I-12

EP 1.23/2:670/2-73-082

03965 670/2-74-042. Waste water treatment and reuse in metal finishing job shop. [with list of references]. July 1974. viii+59 p.il. 4° (Office of Research and Development.) [Prepared by S.K. Williams Company; project 12010DSA, program element 1BB036.] + ●Item 431-I-12

EP 1.23/2:670/2-74-042

03966 EPA response to remand ordered by U.S. Court of Appeals for District of Columbia in Portland Cement Association v. Ruckelshaus (486 F. 2d 375, June 29. 1973) [with lists of references]. Nov. 1974. vii+152 p. 4° (Emission Standards and Engineering Division; Office of Air and Waste Management, Office of Air Quality Planning and Standards. EPA-450/2-74-023.) [Errata, 2 p. also issued.] § (Price upon application).

EP 1.2:P 83

Estimating staffing and cost factors for small wastewater treatment plants less than 1 MGD.

03967 pt.1. Staffing guidelines for conventional municipal wastewater treatment plants less than 1 MGD June 1973. [1]+iv+126 p.il.4° (EPA grant 5P2-WP-195-0452.) [Prepared by Department of Industrial Engineering and Engineering Research Institute, Iowa State University and sponsored by Manpower Development Staff, Office of Water Program Operations.] +

EP 2.2:W 28/6/pt.1

03968 Evaluation of costs and benefits of training public employees, case history. Sept. 1973. [5]+iii+55 p.il. 4° (Public Service Careers Section, Office of Education and Manpower Planning.) +

EP 1.2:P 96/4



# GOVERNMENT PUBLICATIONS

- 03969 Evaluation of high rate trickling filters and aeration devices for treatment of integrated kraft paper mill effluents, second semi-annual data report, [Jan.-June, 1969]. [1974.] iii p.+[1]+20+[37] leaves, il. 4° (Federal Water Pollution Control Administration, Interior Dept.) [Prepared by Mead Corp., Chillicothe, Ohio. Title on cover is: Data report for Mead-FWPCA project on advanced biological treatment, second semi-annual, Jan-June, 1969.] +

I 67.2:Ef 4/969

- 03970 Formal planning and reporting system, operating planning manual. Mar. 15, 1974. [6]+118 p. 4° (Office of Resources Management.) [Supersedes FPRS Procedural Manual issued for FY 1974. Issued with perforations.] +

EP 1.8:P 67/3/974

- 03971 Guide for reducing air pollution through urban planning [with list of references]. Dec. 1971. [120] p.il. 4° (Air and Water Programs Office.) [Prepared by Alan M. Voorhees & Associates, Inc., McLean, Va. and Ryckman, Edgerley, Tomilson & Associates, St. Louis, Mo.] \$ (Price upon application, PB 207510).

EP 4.8:P 76/2

- 03972 Guide for reducing automotive air pollution [with list of references]. Nov. 1971. [88] p.il. 4° (Air and Water Programs Office). [Prepared by Alan M. Voorhees & Associates, Inc., McLean, Va. and Ryckman, Edgerley, Tomlinson & Associates, St. Louis, Mo.] \$ (Price upon application, PB204870).

EP 4.8:P 76

- 03973 Guidelines for air quality maintenance planning and analysis: v.11, Air quality monitoring and data analysis [with list of references]. Sept. 1974. vii+106 p.il. 4° (Office of Air and Waste Management, Office of Air Quality Planning and Standards. EPA-450/4-74-012, OAQPS 1.2-030.) [Prepared by GCA Corporation, in partial fulfillment of task order 1, contract 68-02-1478. Program element 2AH137.] \$ (Price upon application).

EP 1.8:G 94/v.11

- 03974 Guidelines to career development for wastewater treatment plant personnel [with list of references]. Sept. 1973. viii+100 p.il. 4° (Public Service Careers Section, Office of Education and Manpower Planning.) [Includes Career development planning grid.] +

EP 1.8:C 18

- 03975 Hackensack Meadowlands air pollution study: AQUIP software system user's manual [with list of references]; by Edward C. Reffenstein, Robert J. Horn, and Michael J. Keefe. June 1974. xiv+413 p.il. 4° (Office of Air and Waste Management, Office of Air Quality Planning and Standards; EPA-450/3-74 -056-f.) [Contract EHSD 71-39.] \$ (Price upon application).

EP 1.2:H 11/4

- 03976 Hackensack Meadowlands air pollution study: Development and validation of modeling technique for predicting air quality levels [with list of references]; by James R. Mahoney, Bruce A. Egan, and Edward C. Reffenstein. July 1973. ix+83 p.il. 4° (Office of Air and Waste Management, Office of Air Quality Planning and Standards; EPA-450/3-74-056-c.) [Contract EHSD 71-39.] \$ (Price upon application).

EP 1.2:H 11/2

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- 03977 Hackensack Meadowlands air pollution study: Emission projection methodology [with list of references]; by John C. Goodrich . Oct. 1973. xxiii+285 p.il. 4° (Office of Air and Waste Management, Office of Air Quality Planning and Standards; EPA-450/3-74-056-b.) [Contract EHSD 71-39.] § (Price upon application.)

EP 1.2:H 11

- 03978 Hackensack Meadowlands air pollution study: Evaluation and ranking of land use plans [with list of references]; by Byron H. Willis . Nov. 1973. xi+272 p.il. 4° (Office of Air and Waste Management, Office of Air Quality Planning and Standards; EPA-450/3-74-056-d.) [Contract EHDS 71-39.] § (Price upon application).

EP 1.2:H 11/3

- 03979 Health hazards of lead [with list of references]. 1972. cover title, 17 leaves 4° [Prepared by National Research Council-National Academy of Sciences.] § (Price upon application).

EP 1.2:L 46/2

- 03980 Impact of future use of electric cars in Los Angeles region: v.1, Executive summary and technical report; by W. F. Hamilton . Oct. 1974. ii+xii+102 p.il. 4° (Office of Air and Waste Management, Office of Mobile Source Air Pollution Control Programs, Alternative Automotive Power Systems Development Division; EPA-460/3-74-020-a.) [Contract 68-01-2103.] +

EP 1.2:El 2/3/v.1

- 03981 Indexed bibliography of Office of Research and Development reports. July 1974. xvi+263 p. 4° (EPA-600/9-74-001; Office of Research and Development.) [Prepared by Publications Staff, Office of Program Management.] +

EP 1.2:Of 2

- 03982 Information on levels of environmental noise requisite to protect public health and welfare with adequate margin of safety [with lists of references]. Mar. 1974. [173] p.il. 4° (550/9-74-004.) [Prepared by Office of Noise Abatement and Control.] \*Paper,\$2.10. ●Item 431-I-1

EP 1.2:N 69/26

- 03983 Interim effluent guidance for NPDES permits. [1974.] cover title, [3]+122 p.il. 4° (Office of Permit Programs.) +

EP 1.8:Ef 4

- 03984 Inventory of economic studies & data sources for Pacific Northwest. [1963.] cover title, [1]+iii+266 p. 4° (Economics Subcommittee, Columbia Basin Inter-Agency Committee.) +

Y 3.C 72:2 Ec 7

- 03985 Listing of papers published by Laboratory personnel. April 19, 1973. [9] leaves 4° (Associate Laboratory of NERC-Corvallis, OR; Office of Research and Monitoring.) +

EP 1.21:W 29

- 03986 Mass emissions from diesel trucks operated over road course [with list of references]; prepared by M. N. Ingalls and K. J. Springer. Aug. 1974. [471] p.il. 4° (Office of Air and Waste Management, Office of Mobile Source Air Pollution Control, Certification and Surveillance Division.) [Contract 68-01-2113.] § (Price upon application).

EP 1.2:Em 4/7

# GOVERNMENT PUBLICATIONS

- 03987 Minutes of 135th meeting, Columbia Basin Inter-Agency Committee, Boise, Idaho, Sept. 29, 1966, program meeting, comprehensive framework study of water and related land resources of Columbia-North Pacific region. [1966.] [1]+i+131 p.il. 4° (Columbia Basin Inter-Agency Committee.) [Issued with perforations.] +  
Y 3.C 72:2 M 66/966-1
- 03988 Minutes of 136th meeting, Columbia Basin Inter-Agency Committee, Spokane, Wash., Nov. 29-30, 1966, program meeting, comprehensive framework study of water and related land resources of Columbia-North Pacific region. [1966.] [3]+155 p.il. 4° (Columbia Basin Inter-Agency Committee.) [Issued with perforations.] +  
Y 3.C 72:2 M 66/966-2
- 03989 Minutes of 137th meeting, Columbia Basin Inter-Agency Committee Portland, Oreg., March 20-21, 1967, annual review of power planning in Pacific Northwest. [1967.] [1]+i+163 p.il. 4° (Columbia Basin Inter-Agency Committee.) [Issued with perforations.] +  
Y 3.C 72:2 M 66/967
- 03990 Missouri basin region planning dossier. [2d edition.] June 1970. [5]+98 p.il. 4° (Federal Water Quality Administration, Interior Dept.) +  
I 67.2:M 69 o/5/970-2
- 03991 National Environmental Information Symposium, Cincinnati, Ohio, Sept. 24-27, 1972, EPA information sources and services. [1972.] cover title, [39] p. 4° +  
EP 1.2: In 3/5/972
- 03992 National Environmental Research Center, program directory. Jan. 1974. cover title, [1]+57 p. (Office of Research and Development.) [Prepared by Office of Program Management (RD-674).] +  
EP 1.2:N 21 e/5/974
- 03993 National estuarine inventory, its scope and use; prepared by T.A. Washtler. Oct. 2, 1968. [18] leaves, il. 4° (Federal Water Pollution Control Administration, [Interior Dept.] Office of Estuarine Studies.) +  
I 67.8:Es 8/2
- 03994 National Eutrophication Research Program, annual newsletter [with list of publications.] July 1971. [2]+16 leaves 4° (Office of Research and Monitoring, Pacific Northwest Water Laboratory, National Eutrophication Research Program, Corvallis, Oreg.) +  
EP 1.2:Eu 8
- 03995 National Water Quality Laboratory [presentation] prepared for Joint Commission on Atomic Energy [with bibliography]. Nov. 5, 1969. cover title, [3]+7+[4] leaves, 11 pl. 4° (Federal Water Pollution Control Administration, Interior Dept.) [Prepared by staff of National Water Quality Laboratory] +  
I 67.2:W 29/17/969
- News of environmental research in Cincinnati. (National Environmental Research Center.)
- 03996 Toxicity of wastewater disinfectants [with list of references; by] Robert B. Dean. July 5, 1974. [4] p. 4° (Advanced Waste Treatment.) +  
EP 1.49:D 63
- 03997 Nutrient removal from waste water, 1970 status. [1970.] cover title, 12 leaves, 4° (Robert A. Taft Water Research Center, Advanced Waste Treatment Research Laboratory, Federal Water Quality Administration, Interior Dept.) +

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I 67.2:W 28/14/970

- 03998 Overview of activities directed toward long-term maintenance of air quality standards; by John J. Silvasi and Joseph J. Sableski. Nov. 1974. iv+28 p. 4° (EPA-450/2-74-016; Office of Air and Waste Management, Office of Air Quality Planning and Standards.) § (Price upon application).

EP 1.2: Ai 7/17

- 03999 Pilot plant experiences in demineralization of secondary effluent using electro dialysis [with one reference]; by Carl A. Brunner. Oct. 1966. [1]+34 leaves il. 4° (Federal Water Pollution Control Administration, Interior Dept.) +

I 67.2:D 39

- 04000 Program planning and resources management system manual, v.2, appendices. Oct. 25, 1972. [211] leaves 4° (Office of Resources Management, Program Review and Reporting Division.) [Issued with perforations.] § (Price upon application, PB 230-867).

EP 1.8:P 69/972/v.2

- 04001 Public hearing regarding 180-day notice to Holly Sugar of violation of State and Federal water quality standards for interstate waters of North Platte River, held in Scottsbluff, Nebr., July 21, 1971, transcript of proceedings. 1971. [95] leaves 4° (Environmental Protection Agency, Region 7, Kansas City, Mo.) +

EP 1.2:H 72

Publication APTD-(series).

- 04002 1355. Cost and emission studies of heat engine/battery hybrid family car [with list of references]; prepared by G. H. Gelb, B. Berman, [and] E. Koutsoukos. April 1972. xii+255 p.il. 4° (Air and Water Programs Office, Office of Air and Waste Management, Office of Mobile Source Air Pollution Control Programs, Alternative automotive Power Systems Development Division.) [Contract no. 68-04-0058.] § (Price upon application).

EP 4.9/2:1355

- 04003 Report to Tulalip Indian Tribe, evaluation of Ebey Slough landfill operation, Puget Sound basin [with bibliographies]. [Jan. 1973.] cover title, [44] leaves il. 4° (Working paper no. 87; Solid Waste Management Branch, Region 10.) [Illustrations are photographs.] § (Price upon application).

EP 1.2:So 4/4

- 04004 Research findings and their implications, National Marine Water Quality Laboratory, fiscal year 1970. [with bibliographies]. [1970.] cover title, 15 leaves, 4° (Federal Water Quality Administration, Division of Research and Development, Interior Dept.) +

I 67.2:M 33/970

- 04005 Second annual State Program and Planning Grants Conference, Oct. 28- Nov. 1, 1968, Denver, Colo., summary report. [1969.] cover title, [25] leaves 4° (Federal Water Pollution Control Administration, Division of Planning Grants, [Interior Dept.]) +

I 67.2:St 2/2

Socioeconomic environmental studies series.

- 04006 600/5-73-010. Managing environment. Nov. 1973. xii+386+[1] p. (Office of Research and Development.) [Program element IHA097.] \* Cloth, \$7.05. (S/N 5500-00134). ●Item 431-I-19

EP 1.23/3:600/5-73-010



# GOVERNMENT PUBLICATIONS

- 04007 600/5-73-012d. Studies in environment: v.4, Consumption differentials and environment; by Mary B. Olsen [and others.] Feb. 1974. v+45+[1] p.4° (Office of Research and Development.) [Grant 801473, program element IHA098.] \* Paper, 95c. ●Item 431-I-19

EP 1.23/3:600/5-73-012d

## Solid waste management SW (series).

- 04008 58.21. Available information materials, publications, exhibits, information kits, films, NTIS reports. May 1974. cover title, iv+42 p.4° + ●Item 431-I-7  
EP 1.17:58.21
- 04009 91c. Resource and environmental profile analysis of 9 beverage container alternatives, final report [with bibliography; by] Robert G. Hunt [and others]. 1974. [2]+v+178 p.il. 4° [Contract 68-01-9848.] \* Paper, \$2.50. ●Item 431-I-7  
EP 1.17:91c

- 04010 State air data information survey, final report. Sept. 1974. [106] p. 4° (Office of Air and Waste Management, Office of Air Quality Planning and Standards; EPA-450/3-74-057.) [Prepared by Research Triangle Institute, Research Triangle Park, N.C. Contract 68-02-1096.] § (Price upon application).

EP 1.2: Ai 7/7/974-2

- 04011 Status of National Pollutants Fate Research Program [with bibliography]. 1970. [58] leaves, 4° (PPB 1605; Federal Water Quality Administration, Southeast Region, Southeast Water Laboratory, Athens, Ga., Interior Dept.) +

I 67.2:P 76/2

- 04012 Study of economic effects of changes in air quality; [by] Charles R. Vars, jr. [and] Gary W. Sorenson. [June 1972.] [283] p.il. 4° ([Air Pollution Control Office; EPA R5-72-006.]) [Contract CPA 70-117. Includes lists of references in footnotes.] § (Price upon application, PB 219 993/3). ●Item 431-I-1

EP 1.2: Ai 7/19

- 04013 Summary of Noise control act of 1972. [1974.] [9] p. (EPA 335.) [PL 92-574.] +

EP 1.2:N 69/28

- 04014 User's manual for APRAC-1A urban diffusion model computer program [with list of references]; by R. L. Mancuso and F. L. Ludwig. Sept. 1972. ix+119 p.il. 4° [Prepared for Coordinating Research Council, 30 Rockefeller Plaza, New York, N.Y., Environmental Protection Agency, Division of Meteorology, Research Triangle Park, N.C. Contract CAPA-3-68 (1-69, SRI project 8563.)] § (Price upon application, PB 213-091).

EP 1.2:C 73/2

- 04015 Working document for air pollution measurement technique development, fiscal years 1972-1977. Dec. 1971. cover title, [213] p.il. table in pocket 4° (Office of Program Development, Office of Air Programs.) [Prepared by Esso Research and Engineering Co., Government Research Laboratory, under contract CPA 22-69-154.] § (Price upon application, PB 221-011/0).

EP 4.2:M 46

## ENVIRONMENTAL RESEARCH LABORATORIES, Commerce Dept. Boulder, CO 80302

- 04016 Collected reprints, 1973: Atlantic Oceanographic and Meteorological Laboratories [with lists of references]. July 1974. xii+785 p.il. 4° + (Information incorrect in publication as to sale by Superintendent of Documents). ●Item 208-B-10

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#Not Available for Sale or Distribution



C 55.612:973

- 04017 Geophysics applied to geotechnical problems in marine environment, case study: Monterey Bay, Calif. [with list of references; by] B. B. Barnes [and others]. June 1973. cover title, vi+278 p.il. 4° +  
C 55.602:G 29

**EQUAL EMPLOYMENT OPPORTUNITY COMMISSION** Washington, DC 20506

- 04018 EEOC at a glance. [Sept. 1974.] [12] p. ([BK 9(9/74)].) [Prepared by Office of Public Affairs.] + ●Item 1059-A-1  
Y 3.Eq 2:2 Ee 1

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

- 04019 Christmas dinner, serve it safely, [holiday meals are fun, make them safe; by Evelyn B. Spindler and Elizabeth Fleming]. [Sept. 1974.] [6] p.il. narrow 8° +  
A 43.2:C 46
- 04020 Future dimensions of urban 4-H programs; [by Joel R. Soobitsky .] [1973.] cover title, [1]+18 p.il. 4° [Presentation, 4-H Youth (Urban) 1973 Annual Cooperative Extension Conference University of Illinois, Oct. 12, 1973.] +  
A 43.2:F 82/45

- 04021 Opportunities and implications for inclusion of six to eight-year old boys and girls in 4-H program [with bibliography]; by J. Roland Flory . [1973.] [2]+14 p. 4° [Submitted in partial fulfillment of requirements for ED 596C, Principles of Youth Program Development, 1972 Extension Summer School, North Carolina State University.] +  
A 43.2:F 82/44

- 04022 Younger child and 4-H, National survey, 4-H interim report; by Suzanne G. Fisher . [1974.] cover title, ii+35 p. 4° [Page 35 is p. 3 of cover.] +  
A 43.2:F 82/43

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

- 04023 Airport activity statistics of certificated route air carriers, 12 months ended Dec. 31, 1973. [1974.] [1]+xii+352 p.il. f° [Semiannual. Prepared jointly by Civil Aeronautics Board and Federal Aviation Administration.] \* Paper, \$6.80 (S/N 5007-00240). ●Item 177-A  
TD 4.14:973
- 04024 FAA historical fact book, chronology, 1926-71; by Arnold E. Briddon , Ellmore A. Champie and Peter A. Marraine. 1974. vii+315 p.il. (Office of Information Services.) \* Paper, \$3.50 (S/N 5007-00211). ●Item 431-C-8  
L.C. card 74-601840 TD 4.2:H 62/926-71

**Federal aviation regulations. [Issued with perforations.]**

- 04025 pt.21. Certification procedures for products and parts, Change 2. [Dec. 4, 1974.] [10] p. 4° [Effective Jan. 4, 1975.] \* Paper, \$3.75 (basic and supplementary material for indefinite period); add 95c. for foreign mailing. ●Item 431-C-13  
TD 4.6:21/2/ch.2
- 04026 pt.103. Transportation of dangerous articles and magnetized materials. Mar. 1974. cover title, [3] leaves +20+7 p.4° [Partially replaces v.6 of Federal aviation regulations

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pts.99 and 101, which were also contained in v.6. Incorporates Amendments 103-1 through 103-19 and any changes required by Department of Transportation transition amendment.] \*Paper, \$2.20 (basic and supplementary material for indefinite period); add 55c. for foreign mailing. ●Item 431-C-13

TD 4.6:103/2

- 04027 pt. 103. Transportation of dangerous articles and magnetized materials, Change 2. [Dec. 6, 1974.] [8] p. 4° [Effective Dec. 9, 1974.] \*Paper, \$2.20 (basic and supplementary material for indefinite period); add 55c. for foreign mailing. ●Item 431-C-13

TD 4.6:103/2/ch. 2

- 04028 Flight standards information manual FY 1974. Aug. 1974. cover title, 53 p.il. oblong 12° [Issued semiannually.] + (Price upon application).

TD 4.8/3:974-3

- 04029 Pilot school certification. Aug. 29, 1974. [1]+iii+28+43 p.il. 4° (Advisory circular AC 141-1.) [Issued with perforations.] + ●Item 431-C-4

TD 4.8:P 64/7

## Report FAA-NA (series).

- 04030 73-94. Accuracy test of NAFEC [instrumentation radar]; by Vincent J. Luciani. Jan. 1974. cover title, vi+11+[3] p.il. 4° (National Aviation Facilities Experimental Center, Atlantic City, N.J.) [Prepared under contract no. 052-241-000.] \$ (Price upon application).

TD 4.32:73-94

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

- 04031 FBI annual report, fiscal year 1974. [1975.] cover title, 28 p.il. 4° + ●Item 721-A

J 1.14/1:974

## FEDERAL COMMUNICATIONS COMMISSION Washington, DC 20554

- 04032 Statistics of communications common carriers, year ended Dec. 31, 1971. [1974.] [5]+196 p.il. 4° \*Paper, \$2.25. (S/N 0400-00291). ●Item 288

CC 1.35:971

- 04033 Statistics of domestic and overseas telegraph carriers reporting annually to Commission as of Dec. 31, 1972, and for year then ended. [1972.] [5] leaves, f° +

CC 1.41:972

## FEDERAL ENERGY ADMINISTRATION Washington, DC 20461

- 04034 Project Independence blueprint, final task force report, Water requirements, availabilities, constraints, and recommended Federal actions Nov. 1974. cover title, [373] p.il. 4° [Prepared by Interagency Task Force on Water Resources under direction of Water Resources Council.] \*Paper, \$4.35. (S/N 4118-00023). ●Item 434-A-5

FE 1.18:W 29

- 04035 Project Independence report. Nov. 1974. [807] p.il. 4° \*Paper, \$8.35. (S/N 4118-00029). ●Item 434-A-5  
L.C. card 75-600589

FE 1.18:In 2

- 04036 Remarks by John C. Sawhill, Administrator, Federal Energy Administration before 3d Project Independence public hearing, Boston, Mass., Aug. 26, 1974. [1974.] 7 p.4° (S-74-372.) +

FE 1.10:Sa 9/4

\*For Sale by Superintendent of Documents  
+ Distribution Made by Issuing Office  
#Not Available for Sale or Distribution

# MARCH 1975

- 04037 Statement of Duke R. Ligon, Assistant Administrator for Energy Resource Development, Federal Energy Administration before Subcommittee on Administrative Practices and Procedures, Senate Judiciary Committee, Oct. 7, 1974. [1974.] 5 p. 4° (T-74-443.) +  
FE 1.10:L 62/3

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

- 04038 Coordination of urban development and planning and development of transportation facilities; [by] Edward H. Holmes. Mar. 1974. [2]+v+132 p. 1 p. issued in pocket, 4° (Office of Planning.) \* Paper, \$2.50. (S/N 5001-00076). ●Item 982-G-5

TD 2.2:Ur 1/6

- 04039 Manual for planning pedestrian facilities [with list of references]. June 1974. cover title, [1] +iii +75 p. il. 4° (Implementation package 74-5. [Office of Research and Development.]) [Prepared by Peat, Marwick, Mitchell, and Co., under RTKL Associates, Inc., Washington, D.C. DOT-FH-11-7966.] \$ (Price upon application). ●Item 982-G-2

TD 2.8:P 34

## FEDERAL HOUSING ADMINISTRATION, Housing and Urban Development Dept. Washington, DC 20410

- 04040 Amortization, insurance premium and outstanding principal balance tables for home mortgages and loans insured under National housing act with interest rates of 7 3/4 through 9 3/4 in 1/4 increments. Supplement. July 1974. cover title, (FHA 2025.) [Supplements tables in FHA 2025, rev. Mar. 1969 and replaces FHA 2025, Supplement, Feb. 1970. Issued with perforations.] +

HH 2.2:Am 6/3/969/supp.-2

### Current housing market situation (series).

- 04041 Detroit, Mich. as of Jan. 1, 1974. Sept. 1974. cover title, [1]+15+[7] p. 4° ((Economic and Market Analysis Division, Detroit Area Office.)) +

HH 2.28/2:D 48/974

- 04042 Nashville, Tenn. as of Apr. 1, 1974. Oct. 1974. cover title, [1]+5+[7] p. 4° ((Economic and Market Analysis Division, Detroit Area Office.)) +

HH 2.28/2:N 17/974

- 04043 Minimum property standards for multifamily housing, general revision M-22. Feb. 1975. 1] p. 4° (FHA 2600.) Issued with perforations.] +

HH 2.17/3:M91/rev.M-222

## FEDERAL POWER COMMISSION Washington, DC 20426

- 04044 Federal Power Commission reports, opinions, decisions and orders: v. 38, June 1-Dec. 31, 1967. 1974. xxxix+1366 p. 4 pl. \* Cloth \$13.80 (S/N 1500-00269). ●Item 438

FP 1.20:38

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

Code of Federal regulations. \* Paper, \$350.00 a yr., add \$75.00 for foreign mailing; single copies vary in price.

- 04045 General index, revised as of July 1, 1974. [1974.] xxv+305 p. \* Paper, \$3.05. ●Item 572

GS 4.108:ind/974



# GOVERNMENT PUBLICATIONS

- 04046 21. Food and drugs, pt.141-599, revised as of June 1, 1974. [1974.] vi+851 p.il. [Contains codification of documents of general applicability and future effect, as of June 1, 1974, with ancillaries.] \* Paper, \$6.70. ●Item 572  
GS 4.108:21/pt.141-599/974
- 04047 32. National defense, pt. 700-799, revised as of July 1, 1974. [1974.] vi+853 p. [Contains codification of documents of general applicability and future effect, as of July 1, 1974, with ancillaries.] \* Paper, \$5.65. ●Item 572.  
GS 4.108:32/pt.700-799/974
- 04048 35. Panama Canal, revised as of July 1, 1974. [1974.] vi+445 p.il. [Contains codification of documents of general applicability and future effect as of July 1, 1974, with ancillaries.] \* Paper, \$3.25. ●Item 572  
GS 4.108:35/974
- 04049 40. Protection of environment, pt.50-99, revised as of July 1, 1974. [1974.] vi+1010 p.il. [Contains codification of documents of general applicability and future effect as of July 1974, with ancillaries.] \* Paper, \$7.80. ●Item 572  
GS 4.108:40/pt.50-99/974
- 04050 41. Public contracts and property management, chap. 6-9, revised as of July 1, 1974. [1974.] vii+624 p. [Contains codification of documents of general applicability and future effect as of July 1,1974, with ancillaries.] \* Paper, \$5.15. ●Item 572  
GS 4.108:41/chap.6-9/974
- 04051 43. Public lands: Interior, pt.1000-end, 44 (reserved), revised as of Oct. 1, 1974. [1974.] vi+693 p.il. [Contains codifications of documents of general applicability and future effect as of Oct. 1,1974, with ancillaries.] \* Paper, \$5.65. ●Item 572  
GS 4.108:43(pt.1000-end),44/974
- 04052 45. Public Welfare, pt.1-99, revised as of Oct. 1, 1974. [1974.] vi+321 p. [Contains codification of documents of general applicability and future effect as of Oct. 1,1974, with ancillaries.] \* Paper, \$3.00. ●Item 572  
GS 4.108:45/pt.1-99/974
- 04053 45. Public welfare, pt.500-end, revised as of Oct. 1, 1974. [1974.] vi+411 p.il. [Contains codification of documents of general applicability and future effect as of Oct. 1, 1974, with ancillaries.] \* Paper, \$3.65. ●Item 572  
GS 4.108:45/pt.500-end/974
- 04054 46. Shipping, pt.41-69, revised as of Oct. 1, 1974. [1974.] vi+444 p.il. [Contains codification of documents of general applicability and future effect as of Oct. 1, 1974, with ancillaries.] \* Paper, \$3.85. ●Item 572  
GS 4.108:46/pt.41-69/974
- 04055 46. Shipping, pt. 90-109, revised as of Oct. 1, 1974. [1974.] vi+175 p. [Contains codification of documents of general applicability and future effect as of Oct. 1,1974, with ancillaries.] \* Paper, \$1.90. ●Item 572  
GS 4.108:46/pt.90-109/974
- 04056 46. Shipping, pt. 200-end, revised as of Oct. 1, 1974. [1974.] vi+777 p.il. [Contains codification of documents of general applicability and future effect as of Oct. 1,1974, with ancillaries.] \* Paper, \$6.20. ●Item 572  
GS 4.108:46/pt.200-end/974
- 04057 47. Telecommunication, pt.20-69, revised as of Oct. 1, 1974. [1974.] vi+635 p.il. [Contains codification of documents of general applicability and future effect as of Oct. 1, 1974, with ancillaries.] \* Paper, \$5.20. ●Item 572  
GS 4.108:47/pt.20-69/974
- 04058 47. Telecommunication, pt.80-end, revised as of Oct. 1, 1974; title 48 (reserved). [1974.] vi+749 p.il. [Contains codification of documents of general applicability and future effect of Oct. 1, 1974, with ancillaries.] \* Paper, \$6.05. ●Item 572  
GS 4.108:47(pt.80-end),48/974
- 04059 49. Transportation, pt.1-99, revised as of Oct. 1, 1974. [1974.] vi+168 p.il. [Contains codification of documents of general applicability and future effect, as of Oct. 1, 1974, with ancillaries.] \* Paper, \$1.00 ●Item 572  
GS 4.108:49/pt.1-99/974
- 04060 49. Transportation, pts. 1000-1199, revised as of Oct.1, 1974. [1974.] vi+380 p.il. [Contains codification of documents of general applicability and future effect as of Oct.1,1974, with ancillaries.] \* Paper, \$3.40. ●Item 572  
GS 4.108:49/pt.1000-1199/974
- 04061 49. Transportation, pt.1300-end, revised as of Oct. 1, 1974. [1974.] vi+291 p. [Contains codification of documents of general applicability and future effect as of Oct.1,1974, with ancillaries.] \* Paper, \$2.75. ●Item 572  
GS 4.108:49/pt.1300-end/974
- 04062 Public papers of Presidents of United States: Herbert Hoover, containing public messages, speeches, and statements of the President, 1929. 1974. [857] p.il. large 8° \* Cloth, \$13.30 (S/N 2203-00905). ●Item 574-A  
GS 4.113:929

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MARCH 1975

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

**Regulation (series).**

- 04063 A. Extensions of credit by Federal Reserve banks, amendment, effective Oct. 25, 1974.  
Oct. 1974. 1 p. 4° + FR 1.6:A/955-2/amdt.-6
- 04064 D. Reserves of member banks, supplement as amended effective Nov. 28, 1974. Nov.  
1974. [2] p. 4° + FR 1.6:D/970/supp.-6
- 04065 G. Securities credit by persons other than banks, brokers, or dealers, amendments.  
July 1974. [2] p. 4° + FR 1.6:G/969/amdt.-5
- 04066 G. [Securities credit by persons other than banks, brokers, or dealers] supplement,  
effective Nov. 5, 1974. Nov. 1974. [2] p. 4° + FR 1.6:G/969/supp.-7
- 04067 G. [Securities credit by persons other than banks, brokers, or dealers] supplement,  
effective July 25, 1974. July 1974. [2] p. 4° + FR 1.6:G/969/supp.-8
- 04068 M. Foreign activities of National banks, amendments. Nov. 1974. [2] p. 4° + FR 1.6:M/967/amdt.-6
- 04069 Q. Interest on deposits, amendments, effective Oct. 17, 1974. Oct. 1974. [2] p. 4° + FR 1.6:Q/971/amdt.-4
- 04070 T. Credit by brokers and dealers, amendment. July 1974. 1 p. 4° + FR 1.6:T/969/amdt.-6
- 04071 T. [Credit by brokers and dealers] supplement, effective July 25, 1974. July 1974. [2]  
p. 4° + FR 1.6:T/969/supp.-8
- 04072 T. [Credit by brokers and dealers], supplement, effective Nov. 5, 1974. Nov. 1974.  
[2] p. 4° + FR 1.6:T/969/supp.-7
- 04073 U. Credit by banks for purpose of purchasing or carrying margin stocks, amendments.  
July 1974. [4] p. 4° + FR 1.6:U/969/amdt.-8
- 04074 U. [Credit by banks for purpose of purchasing or carrying margin stocks] supplement,  
effective July 25, 1974. Revised July 1974. [1974.] [2] p. 4° + FR 1.6:U/969/supp.-9
- 04075 U. [Credit by banks for purpose of purchasing or carrying margin stocks], supplement,  
effective Nov. 5, 1974. Nov. 1974. [2] p. 4° + FR 1.6:U/969/supp.-8
- 04076 Z. Truth in lending, effective July 1, 1969, amended Sept. 30, 1974. [1974.] 72 p. 4°  
(12 CFR 226.) + FR 1.6:Z/969/amdt. 7

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

**Federal test method standard. [Issued with perforations.]**

- 04077 791B. Lubricants, liquid fuels, and related products, methods of testing, Jan. 15, 1969,  
Change 3. June 20, 1974. [93] p. il. 4° (FSC 9100.) ●Item 563 GS 2.8/7:791B/ch. 3

**FEDERAL WATER POLLUTION CONTROL ADMINISTRATION,**  
Interior Dept. Washington, DC 20240

- 04078 Gas requirement to pressurize abandoned deep mines, study of use  
of inert gases to eliminate acid pollution from abandoned deep mines.  
Sept. 1969. vii+89 + [1] leaves il. 4° [Prepared by Cyrus William,  
Rice Division, NUS Corporation for Coal Research Board, Common-  
wealth of Pennsylvania, Department of Mines and Mineral Industries  
and Federal Water Pollution Control Administration, under project  
CR-81 and WPRD-227.] § (Price upon application, PB 230-863).  
I 67.2:G 21
- 04079 Laboratory quality control manual. [1968.] [104] leaves, il. 4° (South  
Central Region, Robert S. Kerr Water Research Center.) § (Price  
upon application, PB 216 099).

# GOVERNMENT PUBLICATIONS

I 67.8:L 11

- 04080 Mine drainage treatment, state of art and research needs [with list of references]; by Ronald D. Hill . Dec. 1968. ii leaves+99 p.il. 4° (Mine Drainage Control Activities, Cincinnati, Ohio.) § (Price upon application, PB 230-314).

I 67.2:M 66/3

Water pollution surveillance system applications and development report.

- 04081 27. Analysis of nonionic detergents in raw surface waters by thin-layer chromatography and infrared spectroscopy [with list of references; by] Doris Smith , James J. Lichtenberg. May 1967. cover title, [1]+20+[12] leaves, il. 4° (Division of Pollution Surveillance, Cincinnati, Ohio.) § (Price upon application, PB 227-651/7).

I 67.2:D 48

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

Fish disease leaflet FDL-(series).

- 04082 2. Parasites of freshwater fishes: 2, Protozoa, 3, Ichthyophthirius multifiliis [with annotated bibliography]; by Fred P. Meyer . Revised Nov. 1969. Aug. 1974. 5 p. 4° [Issued with perforations.] +

I 49.28/3:2/3

- 04083 37. Rhabdovirus disease of northern pike fry [with annotated bibliography]; by Ken Wolf . 1974. 4 p. 4° (Division of Cultural Methods Research.) +

I 49.28/3:37

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

- 04084 Food and nutrition, knowledge, beliefs; pt. 1, Main findings, pt. 2. Detailed tabulations; prepared by Herbert Abelson , Diane Schrayner, Susan Gunzelman. Mar. 1974. [527] p. 4° + ●Item 475

HE 20.4002:F 73/10/pt. 1,2

- 04085 Keeping foods clean. [1974.] 4 p.il. 4° ([DHEW publication (FDA) 75-2002.]) [Reprinted from FDA consumer. Illustrations are colored.] +

HE 20.4010/a:F 739/3

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

FNS (series).

- 04086 II. Publications. [May 1974.] 19 p.il. [Issued with perforations.] \* Paper,25c. (S/N 0124-00177). ●Item 74-A-2

A 98.9:II/2

- 04087 109. Favorite American recipes, collection of classics from around the country. [July 1974.] cover title, 79 p.il. 4° \* Paper, \$1.05. ●Item 74-A-2

A 98.9:109

- 04088 For administrator, Food and Nutrition Service evaluates, also. May 1973. 2 p.4° #

A 98.2:F 73/5/973

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

- 04089 Questions and answers on world food situation. Nov. 1974. [1]+18 p. +

A 67.2:F 73/11

- 04090 What is Foreign Agricultural Service? [July 1970.] [3] p.4° +

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

- 04091 Analysis of State fire control laws, general administration, environmental protection and pollution control. Nov. 1974. [1]+6 leaves, 4°  
[Prepared by Division of Cooperative Forest Fire Control.] +

A 13.2:F 51/48/974

**General technical report INT-(series). (Intermountain Forest and Range Experiment Station, Ogden, Utah.)**

- 04092 INT-8. Annotated bibliography of Douglas-fir beetle (*Dendroctonus pseudotsugae* Hopkins); compiled by Malcolm M. Furniss and Robert D. Oakes. Aug. 1973. [2]+30 p. 4° [Abstract on p.2 of cover.] +

A 13.88:INT-8

- 04093 INT-9. Rothermel's fire spread model programed for Hewlett-Packard 9820; [by] William H. Frandsen. Aug. 1973. [2]+14 p. 4° +

A 13.88:INT-9

- 04094 INT-11. Mapping of habitat types throughout national forest; [by] Glenn H. Deitschman. Sept. 1973. [6]+14 p. 4° +

A 13.88:INT-11

**General technical report NC-(series). (North Central Forest Experiment Station, St. Paul, Minn.)**

- 04095 NC-10. How craftsmen and home hobbyists can make and use wood plastic composite materials [with list of selected references by] Howard N. Rosen. 1974. cover title, [1]+9 p. 4° [Abstract cards inserted.] +

A 13.88:NC-10

**General technical report PNW-(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.)**

- 04096 PNW-24. Environmental effects of forest residues mangement in Pacific Northwest, state-of-Knowledge compendium [with bibliographies]; edited by Owen P. Cramer. 1974. [556] p. 4° [Abstract on p.2 of cover. Some illustrations are colored.] \* Paper, \$6.20 (S/N 0101-00389). ●Item 83-B  
L.C. card 75-600839

A 13.88:PNW-24

- 04097 Hells Canyon-Seven Devils scenic area. [1974.] [2] p. 4° oblong f° folded into narrow 12° size. [Illustrations are colored.] +

A 13.13:H 36/2

- 04098 Important forest pest outbreaks in Oregon and Washington in 1974; by Donald J. Curtis and James S. Hadfield. Oct. 1974. 15 p. 4° (Region 6, 5200, Portland, Oreg.) [Some pages are printed as leaves.] +

A 13.2: P 43/3/974

- 04099 1972 at Northeastern Station. 1973. [1]+37 p. 4° (Northeastern Forest Experiment Station, Upper Darby, Pa.) [Includes list of publications in 1972 by staff members and cooperators.] +

A 13.67/1:972

- 04100 1972 PNW, annual report. 1973. cover title, 52 p. 4° [Table of contents on p.2 of cover. Includes annotated list of publications by general subjects, 1972.] +

A 13.66/1:972

- 04101 Research information digest: Recent publications of Southeastern Forest Experiment Station, Jan.-June 1973. [1974.] cover title, 28 p. 4° +

A 13.63/13:973



# GOVERNMENT PUBLICATIONS

## Research paper FPL-(series). (Forest Products Laboratory, Madison, Wis.)

- 04102 FPL-218. Mechanical properties of diffusion-bonded titanium sandwich constructions; [by Edward W. Kuenzi ]. 1973. cover title, 19 p.il. 4° [Abstract cards inserted.] +  
A 13.78:FPL-218
- 04103 FPL-220. Local buckling of orthotropic truss-core sandwich; [by John Zahn ]. 1973. cover title, 20 p.il. 4° [Abstract on p. 2 of cover. Paper in series issued in cooperation with Military Handbook 23 working Group on Structural Sandwich Composites for Aerospace Vehicles of Departments of Air Force and Navy, and Federal Aviation Administration under U.S. Air Force DO F33-615-72-M-5001.] +  
A 13.78:FPL-220

## Research paper INT-(series). (Intermountain Forest and Range Experiment Station, Ogden, Utah.)

- 04104 INT-150. Failure surfaces in infinite slopes [with list of references]; by] Michael J. Gonsior , William S. Hartsog, and Glen L. Martin. April 1974. [2]+33+[1] p.il. 4° + ●Item 83-B  
A 13.78:INT-150
- 04105 INT-151. Comparison of radiographic and bark-removal methods for sampling mountain pine beetle populations [with list of literature cited; by] Gene D. Amman and Lynn A. Rasmussen. April 1974. [4]+11+[1] p.il.4° + ●Item 83-B  
A 13.78:INT-151
- 6 INT-152. Event probabilities estimated by regression [with list of literature cited; by] David A. Hamilton , jr. May 1974. [2]+18+[1] p. 4° + ●Item 83-B  
A 13.78:INT-152
- 04107 INT-153. Forest fire retardant, transmission through tree crown [with list of literature cited; by] Hal E. Anderson . June 1974. [4]+20+[1] p.il. 4° + ●Item 83-B  
A 13.78:INT-153

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

- 04108 NC-107. Planting methods and treatments for black walnut seedlings; [by] Robert D. Williams . [May 3, 1974.] cover title,[1]+6 p. 4° [Abstract cards inserted.] +  
A 13.78:NC-107
- 04109 NC-108. Site index prediction table for black, scarlet, and white oaks in southeastern Missouri [with list of literature cited; by] Robert A. McQuilkin . 1974. cover title, 8 p. 4° [Text on p. 2 of cover. Abstract cards inserted.] +  
A 13.78:NC-108
- 04110 NC-109. Brown spot needle disease, biology and control in Scotch pine plantations [with list of literature cited; by] Darroll D. Skilling and Thomas. H. Nicholls. 1974. cover title, 19 p.il. 4° [Text on p. 2 of cover. Abstract cards inserted. Some illustrations are colored.] +  
A 13.78:NC-109

## Research paper NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.)

- 04111 NE-297. Communicating rules in recreation areas [with list of references]; by Terence L. Ross and George H. Moeller. 1974. cover title, 12 p.il. 4° [Abstract cards inserted. Text on p.2 of cover.] +  
A 13.78:NE-297

## Research paper PNW-(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.)

- 04112 PNW-182. Influence of fertilizer nitrogen source on deer browsing and chemical composition of nursery-grown Douglas fir [with literature cited; by] M.A. Radwan , G.L. Crouch and W.D. Ellis. 1974. cover title, 6.p. 4° [Abstract cards inserted.] +  
A 13.78:PNW-182

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

- 04113 SE-115. Site index for loblolly pine in Atlantic Coastal Plain of Carolinas and Virginia [with list of literature cited]; by Kenneth B. Trousdell , Donald E. Beck and F. Thomas Lloyd. June 1974. cover title, 11 p.il. 4° [Abstract cards on p. 3 of cover.] +  
A 13.78:SE-115

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# MARCH 1975

- 04114 SE-118. Volume of saw-log residues as calculated from log rule formulae; by Frank A. Bennett and F. Thomas Lloyd. Sept. 1974. cover title, 16 p. 4° [Abstract cards on p. 3 of cover.] +

A 13.78:SE-118

## Research paper SO-(series). (Southern Forest Experiment Station, New Orleans, La.)

- 04115 SO-94. Growth of pine plantations in north Mississippi [with list of literature cited; by] Hamlin L. Williston and T. R. Dell. 1974. [1]+16 p.il. +

A 13.78:SO-94

- 04116 SO-95. Recurring southern pine beetle infestations near Oakdale, La. [with list of literature cited; by] Peter L. Lorio, jr. and William H. Bennett. 1974. [2]+6+[1] p.il. 4° +

A 13.78:SO-95

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

- 04117 NC-21. Timber resource of Missouri's southwestern Ozarks, 1972 [by] Arnold J. Ostrom and Jerold T. Hahn. 1974. cover title, [3]+60 p. 4° [Abstract cards inserted.] +

A 13.80:NC-21

- 04118 NC-22. Timber resource of Missouri's northwestern Ozarks, 72; by Alexander Vasilevsky and Burton L. Essex. 1974. cover title, [4]+60 p. 4° [Abstract cards inserted.] +

A 13.80:NC-22

## Resource bulletin SE-(series). (Southeastern Forest Experiment Station, Asheville, N.C.)

- 04119 SE-29. Southern pulpwood production, 1973; [by] Thomas R. Bellamy. [Aug. 1974.] [2]+21 p.il. 4° [Prepared in cooperation with Southern Forest Experiment Station, New Orleans, La. and American Pulpwood Association. Contents on p. 2 of cover. Abstract on p. 3 of cover.] +

A 13.80:SE-29

- 04120 Siuslaw National Forest. [1974.] 1 sheet (with map on verso) il. f° folded into narrow 8° size. (Pacific Northwest Region.) #

A 13.13:Si 9/3/ \*

## GENERAL ACCOUNTING OFFICE Washington, DC 20548

- 04121 Describe, analyze and compare currently available methods of vote counting equipment and to make appropriate recommendation, final report. Dec. 1974. [321] p.il. 4° (Office of Federal Elections, Clearinghouse on Election Administration.) [Prepared under contract GA-924 by Analytic Systems, Incorporated, Vienna, Va.] + ●Item 545

GA 1.2:V 94

Report to Congress; by Comptroller General of United States. +Paper, each \$1.00 (write: GAO, Box 1020, DC 20013). Free to members of Congress, Congressional committee staff, government officials, college libraries, faculty and students, non profit organizations (write: GAO, 441 G st. NW, DC 20548).

- 04122 Brazilian economic boom, how should United States relate to it, multiagency. Aug. 26, 1974. cover title, [4]+iv+86 p. 4° (B-133283.)

L.C. card 74-602622

GA 1.13:B 73/4

- 04123 Employment services for Vietnam-era veterans could be improved, Department of Labor. No. 29, 1974. cover title, [4]+vi+63 p.il. 4° (B-178741.) +

GA 1.13:Em 7/12

- 04124 Examination of financial statements pertaining to insurance operations of Federal Housing Administration, fiscal year 1973, Department of Housing and Urban Development. Nov. 26, 1974. cover title, [5]+iii+39 p. 4° (B-114860.)

GA 1.13:F 31/23/973

- 04125 Examination of financial statements for year ended Dec. 31, 1973, Federal Home Loan Bank Board, Federal Home Loan Banks, Federal Savings and Loan Insurance Corporation. Nov. 13, 1974. cover title, [5]+ii+37 p.il. 4° (B-114827.)

GA 1.13:F 31/25/973

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# GOVERNMENT PUBLICATIONS

- 04126 Federal programs for education of handicapped: Issues and problems. Dec. 5, 1974. cover title, [4]+iv+67 p.il. 4° (B-164031(1).) GA 1.13:Ed 8/12
- 04127 Getting new communities program started, progress and problems, Department of Housing and Urban Development. Nov. 15, 1974. cover title, [5]+iv+70 p. 4° (B-170971) GA 1.13:C 73/40
- 04128 Long-term impact of law enforcement assistance grants can be improved, Law Enforcement Assistance Administration, Department of Justice. Dec. 23, 1974. cover title, [4]+v+47 p.il. 4° L.C. card 75-600644 GA 1.13:GGD-75-1
- 04129 Need for uniform method for paying interest on Government trust funds, Department of Treasury. Jan. 10, 1975. cover title, [4] +iv +51 p. 4° (B-154394.) GA 1.13:In 8/19
- 04130 Status, progress and problems in Federal agency accounting during fiscal year 1974. Nov. 12, 1974. cover title, [6]+43 p.il. 4° (B-115398.) + GA 1.13::Ac 2/16
- 04131 U.S. magistrates, how thier services have assisted administration of several district courts, more improv ments needed, Jucicial Branch. Sept. 19, 1974. [3]+iii+50 p. 4° (B-133322.) GA 1.13:M 27/3
- 04132 Report to Honorable Julie Butler Hansen, House of Representatives: Questions on safety of pesticide maleic hydrazide used on potatoes and other crops have not been answered, Environmental Protection Agency, and Food and Drug Administration, Department of Health, Education and Welfare; by Comptroller General of the United States. Oct 23, 1974. cover title, [4] +iii + 31 p.4° (B-133192.) + L.C. card 74-603001 GA 1.13:P 43/11

## GEOLOGICAL SURVEY, Interior Dept. 12201 Sunrise Valley Drive, Reston, VA 22092

- 04133 Abstracts of earthquake reports for United States, July-Sept. 1973. June 1974. iii+22 p. 4° (MDA-159; National Center for Earthquake Research, Menlo. Park, Calif.) [Prepared jointly by Seismic Engineering, Office of Earthquake Studies, San Francisco, Calif. and Environmental Data Service, Boulder, Colo.] Open-file report. + I 19.2:Ea 7/6

### Bulletin.

- 04134 1368-A. Surficial deposits of Iliamna quadrangle, Alaska [with list of references cited]; by Robert L. Dettelman and Bruce L. Reed. 1973. v+64 p.il., map in pocket (Geology of Iliamna quadrangle, Alaska.) [Map is colored.] \* Paper, \$2.00 (S/N 2401-02421). ●Item 620 L.C. card 73-600106 I 19.3:1368-A

### Circular.

- 04135 700. United States Geological Survey Alaska program, 1974 [with list of references cited]; Claire Carter , editor. 1974. iii+63 p.il. 4° + ●Item 620-A I 19.4/2:700
- 04136 702. Movement and effects of spilled oil over outer Continental Shelf, inadequacy of existent data for Baltimore Canyon Trough area [with list of references cited]; by H. J. Knebel . 1974. iii+17 p.il. 4° + ●Item 620-A I 19.4/2:702
- 04137 704. Molybdenite in Montezuma district of central Colorado [with list of references cited]; by George J. Neuberger , Theodore Botinelly, and John. R. Watterson. 1974. iii+21 p.il. 4° + ●Item 620-A I 19.4/2:704

### Coal investigations map C (series).

- 04138 57. Geologic map and coal and oil resources of Canaan Creek quadrangle, Garfield County, Utah [with list of references cited]; by Howard D. Zeller . 1973. 2 sheets, 33 x 30.8 and 33 x 30.7 in. + Paper, \$1.00 per set. I 19.25/3:57

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# MARCH 1975

- 04139 Effects of septic tank effluent on ground-water quality, Dade County, Fla., interim report [with list of references]; by William A.J. Pitt, jr. Tallahassee, Fla., 1974. 58+21A p.il. 4° ([Water Resources Division.]) [Some pages are printed as leaves. Open-file report 74010. Prepared in cooperation with Dade County, Fla.] #

I 19.2:D 12/2

- 04140 Erosion processes, fluvial sediment transport and reservoir sedimentation in part of Newell and Zayante Creek basins, Santa Cruz County, Calif. [with list of references cited]; by William M. Brown, III. Menlo Park, Calif., Aug. 3, 1973. iv+31 p.il. 2 pl. in pocket, 4° (Water Resources Division.) [Open-file report 4018-04. Prepared in cooperation with City of Santa Cruz.] #

I 19.2:Er 6

- 04141 Geological Laboratory of Natural Resources, San Juan, P.R. [1974.] [2] p.il. 4° folded into 48° size. (USGS: INF-74-7.) [Operated jointly with Estado Libre Asociado de Puerto Rico, Departamento de Obras Publicas, Area de Recursos Naturales.] \* Paper, 25c.

I 19.2:G 29/20

- 04142 Geological Survey Photographic Library. [1974.] [2] p.il. 4° folded into oblong 48° size. (USGS: ING-74-10.) \* Paper, 25c.

I 19.2:P 56/2/974

- 04143 Ground-water hydrology of Hollister and San Juan Valleys, San Benito County, Calif., 1913-68 [with list of references cited]; by Chabot Kilburn. Menlo Park, Calif., Aug. 31, 1972. iii+44 p.il. 4° (Water Resources Division.) [Open-file report 4019-02. Prepared in cooperation with San Benito County Board of Supervisors. Issued in envelope with 9 maps.] +

I 19.2:H 72

## Hydrologic investigations atlas HA (series).

- 04144 385. Stream temperatures in Washington State [with list of references]; by M. R. Collings and G. T. Higgins. 1973. 2 sheets, 39 x 35.4 and 39.9 x 39.9 in. [Prepared in cooperation with Washington State Department of Water Resources. 2 maps are colored. Issued in envelope.] + Paper, \$1.00 per set.

I 19.5/4:385

- 04145 444. Water resources of northwestern Missouri [with list of selected references]; by E. E. Gann [and others]. 1973. 4 sheets [Prepared in cooperation with Missouri Geological Survey and Water Resources. One sheet of maps is colored. Issued in envelope.] + Paper, \$1.50 per set.

I 19.5/4:444

- 04146 467. Geohydrology of Atchison County, northeastern Kansas [with list of selected references]; by John R. Ward. 1973. 2 sheets, 39 x 45 and 38.5 x 36 in. [Prepared in cooperation with State Geological Survey of Kansas, Kansas State Department of Health, Kansas State Board of Agriculture. 1 map is colored. Issued in envelope.] + Paper, \$1.25 per set.

I 19.5/4:467

## Miscellaneous geologic investigations map I (series).

- 04147 782. Geologic map and sections of Amargosa Valley borate area-southeast continuation of Furnace Creek area-Inyo County, Calif. [with list of references]; by James F. McAllister. 1973. 30 x 35 in. [Scale 1:24,000, 1 mi...2.6 in. Prepared in cooperation with California Division of Mines and Geology. Map is colored. Issued in envelope.] + Paper, 75c.

I 19.25/6:782

- 04148 836. Map showing potential hazards from future eruptions of Mount Rainier, Wash. [with list of additional reading]; by Dwight R. Crandell. 1973. 29 x 38.9 in. [Scale 1:250,000, 25 mi...6.3 in. Map is colored. Issued in envelope.] + Paper, 75c.

I 19.25/6:836



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## Miscellaneous investigations map I (series).

- 04149 845-D. Map showing depth to water in wells in Phoenix area, Ariz., 1972; by W.R. Osterkamp . 1973. 29 x 35 in. [Scale 1:250,000, 15mi. .. 3.8 in. Map is colored. Issued in envelope.] + Paper,75c. I 19.25/6:845-D
- 04150 845-E. Arability map of Phoenix area, Ariz. 1973. 29 x 35 in. [Scale 1:250,000. 15mi .. 3.8 in. Prepared by Bureau of Reclamation and Department of Agriculture. Map is colored. Issued in envelope.] + Paper,75c. I 19.25/6:845-E
- 04151 855-A. Lakes in Boulder-Fort Collins-Greeley area, Front Range Urban Corridor, Colo; by John F. Ficke and Terence W. Danielson. 1973. 38x 37.6 in. [Scale 1:100,000, 5 mi...3.2 in. Map is colored. Issued in envelope.] + Paper,75c. I 19.25/6:855-A
- 04152 Pacific Northwest water resources summary, annual summary, water year 1974. [1974.] 14+[1] p.il. 4° [Prepared in cooperation with Water Survey of Canada.] + I 19.46:974

## Professional paper.

- 04153 758-B. Geology mineral deposits of upper Chulitna district, Alaska [with list of references cited]; by C. C. Hawley and Allen L. Clark. 1974. iv+47 p.il. 2 pl. in pockets, 4° [Geology and mineral deposits of upper Chulitna and Yentna Districts, South Central Alaska.] \* Paper, \$2.75 (S/N 2401-02546). ●Item 624 I 19.16:758-B
- 04154 862. Quaternary stratigraphic nomenclature in unglaciated Central Alaska [with list of references cited]; by Troy L. Pewe . 1975. iii+32 p.il. 4° \* Paper, \$1.25 (S/N 2401-02574). ●Item 624 I 19.16:862
- 04155 885. Summary of 1972 oil and gas statistics for onshore and offshore areas of 151 countries [with list of references]; by Sherwood E. Frezon . 1974. iv+163 p. 4° [Data on offshore and onshore production, reserves, resources, exploration activity, and imports and exports of oil and natural gas for 1972.] \* Paper, \$2.70 (S/N 2401-02518). ●Item 624 I 19.16:885
- 04156 Quality of public water supplies of New York, Nov. 1970-Apr. 1972. [with list of selected references]. 1974. iii+198 p.il. 4° [Open-file report 1974. Prepared in cooperation with New York State Department of Health.] + I 19.2:N 42 y
- 04157 Quality of public water supplies of New York, Nov. 1970-Apr. 1972. [with list of selected references]. 1974. iii+198 p.il. 4° [Open-file report 1974. Prepared in cooperation with New York State Department of Health.] + I 19.2:N 42 y
- 04158 Water resources data for Illinois, 1973: pt.1, Surface water records, pt.2, Water quality records. [with list of selected references]. 1974. cover title, x+300 p.il. 4° [Prepared in cooperation with State of Illinois and other agencies.] + District Chief, Water Resources Division, Geological Survey, P.O. Box 1026, Champaign, IL 61820 I 19.53/2:II 6/973/pt.1,2
- 04159 Water resources data for North Dakota, 1972: pt.2, Water quality record [with list of references]. [1974.] [1]+vi+166 p.il. 4° (Water Resources Division.) [Prepared in cooperation with State of North Dakota and other agencies. Errata, 1 p. issued also.] + District Chief, Geological Survey Room 778, Fed. Bldg., Box 778, Bismarck, ND. 58501 I 19.53/2:N 81d/972/pt.2

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Water-supply paper.

- 04160 1880-B. Floods of Sept.-Oct. 1967 in south Texas and northeastern Mexico [with list of selected references]; by Elmer E. Schroeder [and others]. 1974. vi+III p.il. 3 pl. in pocket. [Prepared in cooperation Texas Water Development Board. Floods of 1967 in United States.] \* Paper, \$3.55 (S/N 2401-02562). ●Item 625 I 19.13:1880-B  
L.C. card 74-16470
- 04161 2140. Ground-water levels in United States, 1968-72: Northeastern States [with lists of references]. 1974. v+207 p.il. [Prepared in cooperation with States of Connecticut, Delaware, Indiana, Maine, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island and Vermont, and with other agencies.] \* Paper, \$1.75 (S/N 2401-02532). ●Item 625 I 19.13:2140  
L.C. card GS 61-188
- 04162 2145. Quality of surface waters of United States, 1969: pt. 6, Missouri River basin [with list of literature cited]. 1974. xi+441 p. [Prepared in cooperation with States of Iowa, Kansas, Minnesota, Missouri, Montana, Nebraska, North Dakota, South Dakota, Wyoming and with other agencies.] \* Paper, \$3.25 (S/N 2401-02530). ●Item 625 I 19.13:2145  
L.C. card GS 43-68
- 04163 2148. Quality of surface waters of United States, 1969: pt. 9 and 10, Colorado River basin and Great Basin [with list of literature cited]. 1974. ix+348 p. [Prepared in cooperation with States of California, Idaho, New Mexico, Utah, Wyoming, U.S. Bureau of Reclamation and with other agencies.] \* Paper, \$2.65 (S/N 2401-02531). ●Item 625 I 19.13:2148  
L.C. card GS 43-68

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

- 04164 Bibliography of challenges to exclusionary land use controls; [by Avery S. Friedman ]. [1974.] [1]+3 p. 4° [Equal Housing Opportunity Seminar, National Bar Association Annual Meeting, Chicago, Ill., July 24, 1974.] + HH 1.23:L 22
- 04165 Housing and construction conference on inflation report, Atlanta, Ga., Sept. 12, 1974, v.1-2. [1974.] xiii+ [1] + 1219 p.il. 4° + ●Item 582 HH 1.2:In 3/2/v.1,2
- 04166 HUD international information series 30 [with list of sources; Concetta G. Capoen , editor]. Oct. 11, 1974. 8 p.il. 4° ([HUD-322-16-IA]; Office of International Affairs.) + HH 1.40:30

HUD training handbook. [Issued with perforations.]

- 04167 4075.6. Criteria for compacted fills. May 1973. [8]+57 p.il. 4° (Housing Production and Mortgage Credit-Federal Housing Administration.) [Includes transmittal notice, June 19, 1973.] + HH 1.6/6-2:4075.6

**INDIAN AFFAIRS BUREAU, Interior Dept. Washington, DC 20242**

- 04168 Federal Indian policies from Colonial period through early 1970's [with bibliographies.] [1974.] [1]+23 p.il. 4° \* Paper, 50c. (S/N 2402-00042). I 20.2:F 31/2/974

**INTERIOR DEPARTMENT Washington, DC 20240**

- 04169 Annual report, 1972, of Governor of Virgin Islands to Secretary of Interior for fiscal year ended June 30. [1973.] [1]+i+179 p. 4°  
# (Copies not available). I 35.13/1:972
- 04170 Annual report, 1973, of Governor of Virgin Islands to Secretary of Interior for fiscal year ended June 30. [1974.] [1]+i+144 p. 4°  
# (Copies not available).

# GOVERNMENT PUBLICATIONS

I 35.13/1:973

- 04171 Black Hills area resources study. Feb. 1967. cover title, xiii + 225 p.il. 9 pl. 4° [Prepared in cooperation with Department of Agriculture, and with States of South Dakota and Wyoming. Some plates and illustrations are colored.] \$(Price upon application, PB 227 654/1).

I 1.2:B 56

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

- 04172 Audit of returns, appeal rights and claims for refund. Revised Oct. 1974. [1974.] 8 p.il. 4° (Publication 556.) \* Paper, 30c. (S/N 4804-00723). ●Item 964-B

T 22.44/2:556/7

- 04173 Cumulative list of organizations described in sec. 170 (c) of Internal revenue code of 1954, revised to Oct. 31, 1973. [1973.] cover title, [3]+839 p. 4° (Publication 78 (1-74).) \* Paper, \$9.00 (including basic list and cumulative bimonthly supplements for indefinite period); add \$2.25 for foreign mailing. ●Item 956

T 22.2:Or 3/973

- 04174 Foreign scholars and educational and cultural exchange visitors. [Revised Oct. 1974.] [1974.] 24 p. 4° (Publication 518.) \* Paper, 45c. (S/N 4804-00742). ●Item 964-B

T 22.44/2:518/7

- 04175 Sale or other disposition of business or business interest, 1975 edition, for use in preparing 1974 returns. [Revised Oct. 1974.] [1974.] 4 p. 4° (Publication 543.) \* Paper, 25c. (S/N 4804-00759). ●Item 964-B

T 22.44/2:543/7

- 04176 Tax information on business expenses. [Revised Oct. 1974.] [1974.] 24 p. 4° (Publication 535.) \* Paper, 45c. (S/N 4804-00751). ●Item 964-B

T 22.44/2:535/7

## INTERNATIONAL COMMERCE BUREAU, Commerce Dept. Washington, DC 20230

Foreign economic trends and their implications for United States ET (series). \* Paper, \$37.50 a yr.; add \$9.40 for foreign mailing.

- 04177 74-106. Indonesia. Oct. 1974. 16 p. 4° (American Embassy, Jakarta.) [Semiannual. Supersedes ET 73-138.] ●Item 231-I

C 57.111:74-106

- 04178 74-117. Canada. Dec. 1974. 12 p. 4° (American Embassy, Ottawa.) [Semiannual. Supersedes ET 74-044.] ●Item 231-I

C 57.111:74-117

- 04179 74-118. Gabon. Dec. 1974. 11 p. 4° (American Embassy, Libreville.) [Annual. Supersedes ET 73-106.] ●Item 231-I

C 57.111:74-118

- 04180 74-119. Mexico. Dec. 1974. 10 p. 4° (American Embassy, Mexico City.) [Semiannual. Supersedes ET 74-051.] ●Item 231-I

C 57.111:74-119

- 04181 74-120. Italy. Dec. 1974. 10 p. 4° (American Embassy, Rome.) [Semiannual. Supersedes ET 74-045.] ●Item 231-I

C 57.111:74-120

- 04182 74-121. Guatemala. Dec. 1974. 9 p. 4° (American Embassy, Guatemala.) [Annual. Supersedes ET 73-108.] ●Item 231-I

C 57.111:74-121

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- 04183 74-122. Switzerland. Dec. 1974. 9 p. 4° (American Embassy, Bern.) [Semiannual. Supersedes ET 74-057.] ●Item 231-I  
C 57.111:74-122
- 04184 74-123. Iran. Dec. 1974. 11 p. 4° (American Embassy, Tehran.) [Supersedes ET 74-055.] ●Item 231-I  
C 57.111:74-123
- 04185 74-125. India. Dec. 1974. 11 p. 4° (American Embassy, New Delhi.) [Semiannual. Supersedes ET 74-949.] ●Item 231-I  
C 57.111:74-125
- 04186 26. Brazil. Dec. 1974. 12 p. 4° (American Consulate General, Rio De Janeiro.) [Semiannual. Supersedes ET 74-037.] ●Item 231-I  
C 57.111:74-126
- 04187 74-127. Jamaica. Dec. 1974. 7 p. 4° (American Embassy, Kingston.) [Annual. Supersedes ET 73-094.] ●Item 231-I  
C 57.111:74-127
- 04188 74-128. The Bahamas. Dec. 1974. 8 p. 4° (American Embassy, Nassau.) [Annual. Supersedes ET 73-099.] ●Item 231-I  
C 57.111:74-128
- 04189 74-129. Korea. Dec. 1974. 14 p. 4° (American Embassy, Seoul.) [Semiannual. Supersedes ET 74-054.] ●Item 231-I  
C 57.111:74-129
- 04190 74-130. Sweden. Dec. 1974. 17 p. 4° (American Embassy, Stockholm.) [Semiannual. Supersedes ET 74-039.] ●Item 231-I  
C 57.111:74-130
- 04191 74-132. Chad. Dec. 1974. 20 p. 4° (American Embassy, N'Djamena.) [Annual. Supersedes ET 73-115.] ●Item 231-I  
C 57.111:74-132
- 04192 74-133. Ireland. Dec. 1974. 6 p. 4° (American Embassy, Dublin.) [Semiannual. Supersedes ET 74-062.] ●Item 231-I  
C 57.111:74-133
- 04193 74-134. Nigeria. Dec. 1974. 9 p. 4 (American Embassy, (American Embassy, Lagos.) [Semiannual. Supersedes ET 74-086.] ●Item 231-I  
C 57.111:74-134
- 04194 74-136. Belgium. Dec. 1974. 9 p. 4° (American Embassy, Brussels.) [Semiannual. Supersedes ET 74-042.] ●Item 231-L  
C 57.111:74-136

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

- 04195 Catalog of selected AID publications. 1974. [5]+154 p. narrow 8°  
[Contract AID/cm/ta-147-423.] +  
S 18.21/2:C 28

### INTERNATIONAL PACIFIC HALIBUT COMMISSION, Seattle, Washington 98105

- 04196 Annual report, 1973, 50th anniversary. Seattle, Wash., 1974. 52 p.il.  
[Includes list of Commission's publications, 1928-73.] +  
S 5.35:2 R 29/no.50

### INTERSTATE COMMERCE COMMISSION Washington, DC 20423

- 04197 Interstate Commerce Commission reports: v.117, Motor carrier cases, decisions of Interstate Commerce Commission, Aug. 1971-Mar. 1973. 1974. xviii+924 p.il. \* Cloth, \$9.95 (S/N 2600-00963). ●Item 688  
IC 1 mot.8:117
- 04198 Public response to Secretary of Transportation's rail services report, Rail service in Midwest and Northeast region, report of Rail Services Planning Office to U.S. Railway Association: v.2, Mid-Atlantic States. Oct. 1974. [3]+174 p.il.4° (Rail Services Planning Office; Ex parte 293 (Sub-no.1).) \* Paper, \$2.50 (S/N 2600-00977.). ●Item 674  
IC 1.2:R 13/14/v. 2



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## Transport statistics in United States, for year ended Dec. 31, 1972.

- 04199 pt. 5. Carriers by water. [1974.] cover title, [1]+59 p. 4° [Prepared by Bureau of Accounts. Issued in sections as parts, punched for binders. This 1972 report when complete will consist of pts. 1, 5, 6, 7, 8 and 9.] \* Paper, \$1.35. ●Item 699  
IC 1.25:972/pt.5

04200 [This entry number not used.]

## JOHN E. FOGARTY INTERNATIONAL CENTER FOR ADVANCED STUDY IN THE HEALTH SCIENCES, Health, Education, and Welfare Dept. Bethesda, MD 20014

- 04201 Bibliography of Soviet sources on medicine and public health in U.S.S.R; prepared by Lee Perkins . 1975. xix+235 p. 4° (DHEW publication (NIH) 75-773; Geographic Health Studies.) \* Paper, \$3.20. ●Item 507-C-7

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Soviet public health, USSR, no. 3, 1975; JPRS 64668.  
Translations from Kommunist, nos. 4,5, 1975; JPRS 64652, 64710.  
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Translation on USSR economic affairs, nos. 670-680; JPRS 64578, 64581, 64593, 64598, 64659, 64687, 64689, 64723, 64735, 64761, 64829.  
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USSR and East Europe scientific abstracts: Physics and mathematics, no. 15; JPRS 64591.

USSR scientific abstracts: Electronics and electrical engineering, no. 10; JPRS 64516.

Vestnik of the USSR Academy of Medical Sciences, nos. 2,3, 1975; JPRS 64530, 64795.

World epidemiology review, nos. 57-59; JPRS 64075, 64408, 64641.

Translations on Western Europe, nos. 662-692; JPRS 64485, 64494, 64501, 64510, 64526, 64540, 64546, 64555, 64559, 64575, 64585, 64594, 64603, 64633, 64643, 64655, 64675, 64696, 64718, 64729, 64745, 64754, 64760, 64784, 64800, 64803, 64815, 64830, 64840, 64857.

USA: Economics, politics, ideology, nos. 3,4, 1975; JPRS 64564, 64720.

USSR and East Europe scientific abstracts: Biomedical sciences, nos. 24, 25; JPRS 64551, 64811.

USSR and East Europe scientific abstracts: Chemistry, nos. 26, 27; JPRS 64678, 64825.

USSR and East Europe scientific abstracts: Engineering and equipment, no. 14; JPRS 64677.

USSR and East Europe scientific abstracts: Materials science and metallurgy, nos. 24, 25; JPRS 64515, 64822.

## JPRS (series).

- 04202 63812. Investigation of purposeful behavior of animals under experimental conditions, USSR [with bibliography]; by L. S. Gambaryan, et al. [Jan. 6, 1975.] cover title, [1]+12 p.il. 4° [From Biologicheskii zhurnal armenii, v. 26, no. 7, 1973, Yerevan.] \$ Paper, \$3.00. Y 3 J 66:13/63812
- 04203 63824. Navigation instruments, USSR [with bibliographies; by V. S. Yevgen'yev and others]. [Jan. 8, 1975.] cover title, [1]+a+18 p.il. 4° [From Ivestiya vuz priborostroyeniye, no. 8, 1974.] \$ Paper, \$3.00. Y 3 J 66:13/63824
- 04204 63883. Changes in some psychological indices under conditions of severe fatigue, USSR [with bibliography]; by V. L. Marishchuk, R. V. Kuznetsov. Jan. 15, 1975. cover title, [1]+6 p.il. 4° [From Voprosy psikhologii, no. 1, 1973.] \$ Paper, \$3.00. Y 3 J 66:13/63883
- 04205 63884. Electroslag casting, USSR [with bibliography]; by B. Ye. Paton, B. I. Medovar, G. A. Boyko. Jan. 15, 1975. cover title, [1]+a+62 p.il. 4° [Book published Moscow, 1974.] \$ Paper, \$3.00. Y 3 J 66:13/63884
- 04206 63899. Soviet oceanographic studies, USSR [with bibliographies]. Jan. 16, 1975. cover title, [1]+a+11 p.il. 4° [From Okeanologiya, v. 14, no. 4, 1974.] \$ Paper, \$3.00. Y 3 J 66:13/63899
- 04207 63947. Psychoasthenic psychopathy, USSR [with bibliographies; by L. L. Rokhlin, et al.]. Jan. 24, 1975. cover title, [1]+a-b+84 p.il. 4° [From Zhurnal nevropatologii i psikiatrii imeni S. S. Korsakova, no. 11, 1974, Moscow.] \$ Paper, \$3.00. Y 3 J 66:13/63947
- 04208 63979. Winter wheat in Volga region, USSR; by V. F. Ogarev, V. Ye. Shestakov. Jan. 28, 1975. cover title, [1]+a-b+313 p. 4° [Saratov, 1972.] \$ Paper, \$6.00. Y 3 J 66:13/63979
- 04209 63992. Effects of non-ionizing electromagnetic radiation, USSR [articles, with bibliographies]. Jan. 30, 1975. cover title, [1]+a+37 p.il. 4° [From Zemla i vseennaya, no. 4, 1974; Voenno meditsinskiy zhurnal, no. 5, 1974; Eksperimental'naya khirurgiya i anesteziologiya, no. 1, 1974; Higiena i zdaveopazvane, no. 5, 1973.] \$ Paper, \$3.00. Y 3 J 66:13/63992
- 04210 64030. Gyroscopes, USSR [with bibliographies; by A. V. Kostrov]. Feb. 4, 1975. cover title, [1]+a+29 p.il. 4° [From Izvestiya vysshikh uchebnykh zavedeniy, priborostroyeniye, no. 11, 1974.] \$ Paper, \$3.00. Y 3 J 66:13/64030
- 04211 64039. Geological survey of littoral shelf using side-looking sonar, USSR [with bibliography]; by M. A. Spiridonov, et al. Feb. 5, 1975. cover title, [1]+6 p.il. 4° [From Doklady Akademii Nauk SSSR, v. 219, no. 2, 1974.] \$ Paper, \$3.00. Y 3 J 66:13/64039
- 04212 64040. Geophysical apparatus, USSR [with bibliography; by G. I. Solomakhov et al.]. Feb. 5, 1975. cover title, [1]+a+14 p.il. 4° [From Geofizicheskaya apparatura, no. 54, 1974.] \$ Paper, \$3.00. Y 3 J 66:13/64040
- 04213 64042. Institute of High Temperatures of USSR Academy of Sciences, most important results of 1973 scientific research, USSR [with bibliography]. Feb. 5, 1975. cover title, [1]+a+105 p.il. 4° [Publication of Institut Vysokikh temperatur Akademii Nauk SSSR, Moscow, 1974.] \$ Paper, \$3.00. Y 3 J 66:13/64042
- 04214 64048. Auroras as window to space, USSR [with bibliography]; by Ya I. Fel'dshcheyn. Feb. 6, 1975. cover title, [1]+16 p.il. 4° [From Priroda, no. 11, Nov. 1974.] \$ Paper, \$3.00. Y 3 J 66:13/64048

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## JUSTICE DEPARTMENT Washington, DC 20530

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

- 04215 Guide to improved handling of misdemeanor offenders [with bibliography]; by Tully L. McCreary, Don M. Gottfredson. Jan. 1974. xi+122 p. 4° \* Paper, \$1.65 (S/N 2700-00243). ●Item 717-A

- 04216 Police crime analysis unit handbook [with bibliography; by] Robert Austin [and others]. Nov. 1973 xviii+130 p. 4° [Supported by grant 73-TA-99-1000.] \* Paper, \$1.75 (S/N 2700-00232). ●Item 717-A

J 1.8/3:Of 2

J 1.8/3:P 75/2

- 04217 U.S. attorneys' symposium on environmental litigation and land use planning, Oct. 31-Nov. 1, 1974. [1974.] [547] p. 4° (Attorney General's Advocacy Institute.) [Sponsored by Land and Natural Resources Division. Includes copyright material. Issued with perforations.] + ●Item 717

L.C. card 75-601511

J 1.2:En 8/3

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

Bulletin.

- 04218 1795-27. Area wage survey: Chicago, Ill., metropolitan area. May 1974. [Nov. 1974.] cover title, 51 p. oblong 8° \* Paper, \$1.10 ●Item 768

L 2.3:1795-27

- 04219 1830. Occupational injuries and illnesses by industry, 1972. 1974. vii+120 p. 4° \* Paper, \$1.95. ●Item 768

L 2.3:1830

- 04220 Publications of the Bureau of Labor Statistics, July-Dec. 1973. [by Sarah B. Perry]. [1974.] cover title, [1]+57 p. 4° (Office of Publications.) + ●Item 768-E

L 2.34:973/2

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- 04221 Accessions list: Bangladesh, v. 3, no. 1, June, 1974. 1974. cover title, [3]+19+ii p. 4° (ISSN 009-8340; [American Libraries Book Procurement Center, New Delhi].) [Acquisition activities on which list is based are supported in part by provisions of Public law 480. Issued 2 times a year. Annual index included in Dec. issue. English and Bengali.] +

L.C. card 73-902218

LC 1.30/9:3/1

- 04222 Accessions list: Nepal, v. 9, no. 1, Apr. 1974. 1974. cover title, [3]+19+ii p. 4° (ISSN 0090-3744; [Public law 480 project, American Libraries Book Procurement Center, New Delhi].) [Published 2 times a yr., Apr. and Oct.] + (Libraries only).

L.C. card SA 66-4579

LC 1.30/6:9/1

- 04223 Classification, Class V, Naval science. 3d edition. 1974. iv p+91 leaves 4° (Subject Cataloging Division, Processing Department.) [Additions and changes in Class V will be cumulated and printed in List 175 of L.C. Classification, Additions and Changes. ISBN 0-8444-0080-7.] + Paper, \$5.25 by Card Division, Library of Congress, Building 159, Navy Yard Annex, DC 20541 ●Item 819

L.C. card 74-12087

LC 26.9:V/974

- 04224 David Glasgow Farragut, John Gwinn, John Lowe, Porter Family, register of their papers in Library of Congress. [1974.] cover title, iii+17 p. 4° ([Naval Historical Foundation Collection, Registers of

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papers in Manuscript Division of Library of Congress, 34, pt. 19; Manuscript Division, Reference Department.) [ISSN 0083-1611. ISBN 0-8444-0133-1.] + Manuscript Division, Library of Congress, Washington, DC 20540

L.C. card 74-11491

LC 4.2:F 24

- 04225 Manuscripts on microfilm, checklist of holdings in Manuscript Division; compiled by Richard B. Bickel. 1975. [2]+82 p. (Manuscript Division, Reference Department.) [ISBN 0-8444-0141-2.] \* Paper, \$1.15 (S/N 3003-00016). ●Item 811-B-1

L.C. card 74-19073

LC 4.2:M 58

# **LIBRARY SERVICES OFFICE, Interior Dept. Washington, DC 20240**

## **Bibliography series.**

- 04226 31. Electrofishing for population sampling, selected bibliography; compiled by Ruth Friedman. Nov. 1974. [3]+ii leaves+13 p. 4° \$ (Price upon application).

I 22.9/2:31

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

## **Fleet Marine Force manual FMFM (series).**

- 04227 8-1. Special operations; [with list of references]. [1974.] [6]+ix+377 p.il. 4° (PCN 139 000690 00.) [Supersedes edition of May 13, 1968. Issued with perforations.] + ●Item 384

D 214.9/4:8-1

- 04228 Marine Corps photo/lithographs. 1974. 8 colored prints, each 16 x 20 or 20 x 16 in. [Colored lithographs suitable for framing. Issued in envelope. Includes: On Station, Snowbirds, Target, Guardian, Armor, Yesterday, Torch, and Atten-n-n-n-n-shun.] \* Paper, \$3.30 per set.

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- 04229 Marine flyer in France, diary of Captain Alfred A. Cunningham, Nov. 1917-Jan. 1918; edited by Graham A. Cosmas. 1974. vii+43 p.il. 4° (History and Museums Division.) \* Paper, \$1.15. (S/N 0855-00077). ●Item 383-B

L.C. card 75-601057

D 214.13:F 67

- 04230 Uniforms of American Marines, 1775 to 1829; by Edwin North McClellan. Reprinted 1974. 1974. xii+99 p.il. 4° (Marine Corps History and Museums Division, Headquarters, U.S. Marine Corps, Washington, D.C.) [Part 1 of 1932 edition reprinted with additional material.] # ●Item 383-B

D 214.13:Un 3/775-829

# **MARITIME ADMINISTRATION, Commerce Dept. Washington, DC 20548**

- 04231 Maritime subsidies. May 1974. xii+160 p. 4° \* Paper, \$2.00. ●Item 235

C 39.202:Su 1/2/974

- 04232 Offshore oil terminal design considerations for United States waters [with list of references]; by Richard W. Black. [1974.] [2]+14+[9] leaves, il. 4° [Paper presented before Chesapeake Section of Society of Naval Architects and Marine Engineers, Jan. 7, 1974.] +

C 39.202:Oi 5



GOVERNMENT PUBLICATIONS

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

- 04233 Abstracts of completed research, 1973. [Dec. 1973.] [1]+vi+16+[2] p. 4° (Navy Medical Neuropsychiatric Research Unit, San Diego, Calif.) #

D 206.21/2:973

U.S. Naval Submarine Medical Research Laboratory, Submarine Base, Groton, Conn.: Report.

- 04234 779. Underwater hearing in man: 3. Investigation of underwater sound localization in shallow and noisy water [with list of references]; by Paul F. Smith, Albert Yonovita, Gilbert Dering. Mar. 20, 1974. cover title, iii+13+2 p.il. 4° [Research work unit M4306.03-2090DXC9.02.] +

D 206.10:779

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

- 04235 Carbon black in 1973 May 29, 1974. 2 p. 4° (Mineral industry surveys; Carbon black, annual.) [Prepared in Division of Fossil Fuels, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213

I 28.88/2:973

- 04236 Cement in 1973. Oct. 22, 1974. 12 p. 4° (Mineral industry surveys.) [Annual advance summary. Prepared by Division of Nonmetallic Minerals.] +

I 28.29/2:973/ad. sum.

- 04237 Abrasives materials in 1974. Dec. 26, 1974. 1 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonmetallic Minerals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213

I 28.56/2:974/prelim.

- 04238 Aluminum and bauxite in 1974. Dec. 24, 1974. 2 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonferrous Metals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213

I 28.80/2:974/prelim.

- 04239 Antimony in 1974. Dec. 31, 1974. 1 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonferrous Metals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213

I 28.95/2:974/prelim.

- 04240 Asbestos in 1974. Dec. 26, 1974. [1] p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonmetallic Minerals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213

I 28.123:974/prelim.

- 04241 Barite in 1974. Dec. 26, 1974. 1 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonmetallic Minerals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213

I 28.124:974/prelim.

- 04242 Beryllium in 1974. Dec. 17, 1974. 1 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonmetallic Minerals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213

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- 04243 Bismuth in 1974. Dec. 30, 1974. 1 p. 4° (Mineral industry surveys.) [Annual preliminary. Prepared in Division of Nonferrous Metals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213

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- 04244 Boron in 1974. Dec. 26, 1974. 2 p. 4° (Mineral industry surveys.)  
[Annual, preliminary. Prepared in Division of Nonmetallic Minerals,  
Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.125:974/prelim.
- 04245 Bromine in 1974. Dec. 26, 1975 1 p. 4° (Mineral industry surveys.)  
[Annual, preliminary. Prepared in Division of Nonmetallic Minerals,  
Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.126:974/prelim.
- 04246 Cadmium in 1974. Dec. 31, 1974. 2 p. 4° (Mineral industry surveys.)  
[Annual, preliminary. Prepared in Division of Nonferrous Metals,  
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I 28.102/2:974/prelim.
- 04247 Chromium in 1974. Dec. 26, 1974. 2 p. 4° (Mineral industry surveys.)  
[Annual, preliminary. Prepared in Division of Ferrous Metals, Mineral  
Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28..84/2:974/prelim.
- 04248 Clays in 1974. Dec. 26, 1974. 1 p. 4° (Mineral industry surveys.)  
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- 04249 Cobalt in 1974. Dec. 26, 1974. 2 p. 4° (Mineral industry surveys.)  
[Annual, preliminary. Prepared in Division of Ferrous Metals, Mineral  
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I 28.76/3:974/prelim.
- 04250 Columbium and tantalum in 1974. Dec. 24, 1974. 2 p. 4° (Mineral  
industry surveys.) [Annual, preliminary. Prepared in Division of Fer-  
rous Merals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA  
15213  
I 28.141:974/prelim.
- 04251 Copper in 1974. Dec. 24, 1974. 2 p. 4° (Mineral industry surveys.)  
[Annual, preliminary. Prepared in Division of Nonferrous Metals,  
Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.59/2:974/prelim.
- 04252 Crude-oil and refined-products pipeline mileage in United States, Jan.  
1, 1974. Dec. 13, 1974. 8 p. 4° (Mineral industry surveys; Crude-  
oil and product pipelines, triennial.) [Prepared in Division of Fossil  
Fuels-Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.45/2:974
- 04253 Diatomite in 1974. Dec. 26, 1974. 1 p. 4° (Mineral industry surveys.)  
[Annual, preliminary. Prepared in Division of Nonmetallic Minerals,  
Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
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- 04254 Feldspar in 1974. Dec. 26, 1974. 1 p. 4° (Mineral industry surveys.)  
[Annual, preliminary. Prepared in Division of Nonmetallic Minerals,  
Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.111:974/prelim.
- 04255 Fluorspar in 1974. Dec. 24, 1974. 1 p. 4° (Mineral industry surveys.)  
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- 04256 Gem stones in 1974. Dec. 26, 1974. 1 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonmetallic Minerals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
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- 04257 Gold and silver in 1974. Dec. 23, 1974. 2 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonferrous Metals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.61/3:974/prelim.
- 04258 Gypsum in 1974. Dec. 26, 1974. [1] p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonmetallic Minerals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.32/2:974/prelim.

## Information circular.

- 04259 8649. Computer program for nonlinear regression using least squares; by Robert T. Langland and Norman N. Yabe. [1974.] [3]+50 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A  
I 28.27:8649
- 04260 8652. Profitability analysis of producing crude oil by waterflooding using simulation technique [with list of references]; by William D. Dietzman and J. H. Martin. [1974.] [2]+iv+78 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A  
I 28.27:8652
- 04261 8657. Mine map repository, source of mine map data [with list of reference]; by Curtis D. Edgerton . 1974. [3]+9 p. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A  
I 28.27:8657
- 04262 Iodine in 1974. Dec. 26, 1974. [1] p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonmetallic Minerals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
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- 04263 Iron and steel in 1974. Dec. 24, 1974. 2 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Ferrous Metals, Minerals Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.53/4:974/prelim.
- 04264 Iron and steel scrap in 1974. Dec. 30, 1974. 2 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Ferrous Metals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.53/2:974/prelim.
- 04265 Iron ore in 1974. Dec. 20, 1974. 1 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in division of Ferrous Metals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
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- 04266 Kyanite in 1974. Dec. 26, 1974. 1 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonmetallic Minerals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.131:974/prelim.
- 04267 Lead in 1974. Jan. 2, 1975. 2 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonferrous Metals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.87/2:974/prelim.
- 04268 Lime in 1974. Dec. 26, 1974. 1 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonmetallic Minerals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
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I 28.55/2:974/prelim.
- 04270 Mica in 1974. Dec. 26, 1974. 1 p. 4° (Mineral industry surveys.)  
[Annual, preliminary. Prepared in Division of Nonmetallic Minerals,  
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I 28.130:974/prelim.
- 04271 Molybdenum in 1974. Dec. 31, 1974. 2 p. 4° (Mineral industry surveys.)  
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- 04272 Nickel in 1974. Dec. 26, 1974. 2 p. 4° (Mineral industry surveys.)  
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- 04273 Phosphate rock in 1974. Dec. 26, 1974. 1 p. 4° (Mineral industry sur-  
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I 28.119:974/prelim.

## Preprint from 1972 Minerals yearbook.

- 04274 Mineral industry of Afghanistan, Bangladesh, Brunei, Hong Kong, Khmer Republic,  
Laos, Mongolia, Nepal, Singapore, Sri Lanka, North and South Vietnam. [1974.]  
[2]+29 p. [Prepared by staff, Bureau of Mines.] \* Paper, 45c. I 28.37/a2:Af 34/972
- 04275 Mineral industry of Colombia; [by Larry S. Dewey ]. [1974.] [2]+5 p. \* Paper, 25c. I 28.37/a2:C 717/972
- 04276 Mineral industry of East Germany; [by Joseph B. Huvos ]. [1974.] [2]+9 p. \* Paper,  
30c. I 28.37/a2:G 317/972
- 04277 Mineral industry of Ecuador, French Guiana, Guyana, Paraguay, Surinam and Uruguay.  
[by J. R. Welch , Robert A. Whitman, and Avery H. Reed]. [1974.] [2]+9 p. \* Paper, 30c. I 28.37/a2:Ec 91/972
- 04278 Mineral industry of Hungary; [by Joseph B. Huvos ]. [1974.] [2]+11 p. \* Paper, 30c. I 28.37/a2:H 894/972
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- 04281 Mineral industry of Turkey; [by E. Shekarchi ]. [1974.] [3]+11 p. \* Paper, 40c. I 28.37/a2:T 847/972

## Preprint from 1973 Minerals yearbook.

- 04282 Boron; [by K. F. Wang ]. [1974.] [2]+5 p. \* Paper, 30c. I 28.37/a:B 645/973
- 04283 Carbon black; [by John L. Albright ]. [1974.] [2]+12 p.il. \* Paper, 30c. I 28.37/a:C 177/973
- 04284 Chromium; [by John L. Morning ]. [1974.] [2]+10 p. \* Paper, 30c. I 28.37/a:C 468/2/973
- 04285 Feldspar, nepheline syenite, and aplite; [by J. Robert Wells ]. [1974.] [2]+8 p. \* Paper,  
30c. I 28.37/a:F 333/2/973
- 04286 Gallium; [by E. Chin ]. [1974.] [2]+5 p. \* Paper, 25c. I 28.37/a:G 137/973
- 04287 Magnesium; [by E. Chin ]. [1974.] [2]+9 p.il. \* Paper, 30c. I 28.37/a:M 274/2/973
- 04288 Perlite; [by Arthur C. Melsinger ]. [1974.] [2]+3 p. \* Paper, 30c. I 28.37/a:P 421/973
- 04289 Rare-earth minerals and metals [by James H. Jolly ]. [1974.] 2+9 p. \* Paper, 30c. I 28.37/a:R 182/973

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I 28.121:974/prelim.
- 04291 Rare-earth elements and thorium in 1974. Dec. 27, 1974. 2 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonferrous Metals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.144:974/prelim.
- Report of investigations.
- 04292 7850. Support performance of hydraulic backfill, preliminary analysis [with list of references]; by John R. Hill, Michael M. McDonald and Lewis M. McNay. [1974.] [3]+12 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A  
I 28.23:7850
- 04293 7918. Identification of gamma-valerolactone in waste water from oil-shale in situ retort [with list of references]; by Francis R. McDonald. [1974.] [3]+8 p.il. 4° [Based on work done under cooperative agreement with University of Wyoming.] + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A  
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- 04294 7935. Drilling and sampling tertiary gold-bearing gravels at Badger Hill, Nevada County, Calif. [with list of references]; by Russell R. McLellan [and others]. [1974.] [2]+ii+50 p.il. 2 pl. in pocket 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A  
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- 04295 7958. Strengthening molybdenum by powder metallurgical internal oxidation of ZrMo<sub>2</sub> [with list of references]; by William L. O'Brien and R. Blickensderfer. [1974.] [3]+14 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A  
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- 04296 7959. Waterflooding of oilfields in Colorado [with list of references]; by Paul Biggs and Charles A. Koch. [1974.] [2]+iii+92 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A  
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- 04297 7961. Tunnel boring technology, disk cutter experiments in metamorphic and igneous rocks [with list of references]; by Roger J. Morrell and David A. Larson. [1974.] [4]+ii+50 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A  
I 28.23:7961
- 04298 7962. In situ determination of rock behavior by overcore stress relief method, physical property measurements and initial deformation method [with list of references]; by Eugene H. Skinner, Galen G. Waddell and John P. Conway. [1974.] [2]+iii+87 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A  
I 28.23:7962
- 04299 7963. Infrared spectra of compounds of importance in lead sulfide flotation [with list of references]; by Roy L. Wilfong and Edwin E. Maust, jr. [1974.] [2]+ii+65 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A  
I 28.23:7963
- 04300 7964. Physical property data on coal waste embankment materials; by Richard A. Busch, Ronald R. Backer and Lynn A. Atkins. [1974.] [2]+iv+142 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A  
I 28.23:7964
- 04301 7965. Low-temperature evolution of hydrocarbon gases from coal [with list of references]; by Ann G. Kim. [1974.] [3]+23 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A  
I 28.23:7965
- 04302 7966. Effect of impurities and additives on electrowinning of zinc [with list of references]; by Harold H. Fukubayashi, Thomas J. O'Keefe, and William C. Clinton. [1974.] [2]+ii+26 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A  
I 28.23:7966
- 04303 7967. New method of analysis to obtain exact solutions for stresses and strains in circular inclusions [with list of references]; by Clarence O. Babcock. 1974. [3]+40 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A  
I 28.23:7967
- 04304 7969. Methane in Pittsburgh coalbed, Washington, County, Pa. [with list of references]; by Ann G. Kim. [1974.] [3]+16 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A  
I 28.23:7969
- 04305 7970. Oxidation of mixed iron and copper chlorides [with list of references]; by Gary L. Hundley, R. S. Olsen and T. T. Campbell. 1974. [3]+16 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A  
I 28.23:7970

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- 04306 7971. Mine roof simulator, definition and discussion of parameters [with list of references]; by Lewis V. Wade . 1974. [2]+ii+18 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A I 28.23:7971
- 04307 7972. Development of titanium load cells for support load determination [with list of references]; by Michael J. Beus and Earl L. Phillips. 1974. [2]+ii+35 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A I 28.23:7972
- 04308 7975. Detection and delineation of faults by surface resistivity measurements, Schwartzwalder mine, Jefferson County, Colo. [with list of references]; by Robert Lee Stahl . 1974. [2]+ii+27 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A I 28.23:7975
- 04309 7976. Mine pager to public telephone interconnect system; [with list of references]; by Howard E. Parkinson . 1974. [3]+14 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A I 28.23:7976
- 04310 7977. Coal mine combustion products, neoprenes, polyvinyl chloride compositions, urethane foam and wood; by Arthur M. Hartstein and David R. Forshey. 1974. [3]+25 p.il. 4° [Report based on work done by Ultrasystems, Inc. under contract H0133004.] + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A I 28.23:7977
- 04311 7980. Increasing fluosilicic acid evolution from phosphate rock by digestion with phosphoric acid [with list of references]; by Henry E. Blake , jr. and Boyd D. Nash. 1974. [3]+16 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A I 28.23:7980
- 04312 7983. Compression testing of rock in simulated lunar environment [with list of references]; by John O. Atkins and Syd S. Peng. 1974. [2]+ii+21 p.il. 4° [Report on work sponsored by Office of Advanced Research and Technology, National Aeronautics and Space Administration under contract R-09-040-001.] + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A I 28.23:7983
- 04313 7984. Pulsed nuclear magnetic resonance studies of oil shales, estimation of potential oil yields [with list of references]; by Francis P. Miknis , A. W. Decora and G. L. Cook. 1974. [2]+ii+47 p.il. 4° [Report based on work in cooperation with University of Wyoming.] + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A I 28.23:7984
- 04314 7985. Synthesis of rutile from domestic ilmenites [with list of references]; by Gerald W. Elger [and others]. 1974. [3]+19 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A I 28.23:7985
- 04315 7986. Electrochemical anodic reaction rate of vanadium metal with molten VCl 2-VCl 3-NaCl mixtures [with list of references]; by Andrea E. Raddatz and D. J. MacDonald. 1974. [3]+9 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A I 28.23:7986
- 04316 7987. Statistical analysis of methane concentration fluctuations produced by incomplete mixing of methane and air at model coal mine working face [with list of references]; by Richard J. Bielicki and Fred N. Kissell. 1974. [3]+21 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A I 28.23:7987
- 04317 7988. Emission characteristics of prime mover for hybrid vehicle use [with list of references]; by Jerry R. Allsup and R. D. Fleming. 1974. [2]+ii+32 p.il. 4° [Report based on work done in cooperation with Division of Advanced Automotive Power Systems Development, Environmental Protection Agency.] + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A I 28.23:7988
- 04318 7992. Elemental composition of coal mine dust [with list of references]; by Thomas C. Wesson and F. E. Armstrong 1974. [3]+25 p.il. 4° + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A I 28.23:7992
- 04319 7995. Oil shale retorting in 150-ton batch-type pilot plant [with list of references]; by Arnold E. Harak [and others]. 1974. [2]+ii+31 p.il. 4° [Report based on work done in cooperation with University of Wyoming.] + Mines Bureau, Pittsburgh, PA 15213 ●Item 637-A I 28.23:7995
- 04320 Salt in 1974. Dec. 26, 1974. 2 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonmetallic Minerals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213 I 28.134:974/prelim.



# GOVERNMENT PUBLICATIONS

- 04321 Selenium and tellurium in 1974. Dec. 27, 1974. 2 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonferrous Metals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.104/2:974/prelim.
- 04322 Sodium compounds in 1974. Dec. 26, 1974. 1 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonmetallic Minerals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.135:974/prelim.
- 04323 Sulfur in 1974. Dec. 26, 1974. 1 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonmetallic Minerals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.63/2:974/prelim.
- 04324 Talc, soapstone and pyrophyllite in 1974. Dec. 26, 1974. 1 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonmetallic Minerals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.136:974/prelim.
- 04325 Tin in 1974. Dec. 24, 1974. 2 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonferrous Metals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.96/2:974/prelim.
- 04326 Titanium in 1974. Dec. 27, 1974. 2 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonferrous Metals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.95/2:974/prelim.
- 04327 Uranium in 1974. Dec. 18, 1974. 2 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonferrous Metals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.147:974/prelim.
- 04328 Vernuculite in 1974. Dec. 26, 1974. 1 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonmetallic Minerals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.137:974/prelim.
- 04329 Zinc in 1974. Dec. 31, 1974. 2 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonferrous Metals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.69/2:974/prelim.
- 04330 Zirconium and hafnium in 1974. Dec. 26, 1974. 1 p. 4° (Mineral industry surveys.) [Annual, preliminary. Prepared in Division of Nonmetallic Minerals, Mineral Supply.] + Mines Bureau, Pittsburgh, PA 15213  
I 28.83/2:974/prelim.

**MISSOURI RIVER BASIN COMMISSION Suite 403, 10050 Regency Circle, Omaha, Nebr. 68114**

- 04331 Review of ongoing (FY 1974) and budgeted (FY 1975) planning and implementation programs of 15 Federal agencies as related to water resources of Missouri River basin. Apr. 1974. cover title, ii+46 p.il. oblong 8° [Conducted under authority of Secs. 201(b) and 202(a) of P.L. 89-80, 89th Cong., July 22, 1965. Some pages printed as leaves.] +

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**Motor carrier accident investigation report.**

- 04333 74-1. Greyhound Lines, Inc. and N.A.B. Trucking Co., Inc., accident, May 11, 1974, Charleston, Mo. [1974.] 13 p.il. 4° +

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- 04334 1972 analysis of motor carrier accidents involving vehicle defects or mechanical failure Oct. 1974. cover title, ii+23 p. 4° +

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**NATIONAL ADVISORY COMMITTEE ON OCEANS AND  
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- 04335 Report for Secretary of Commerce, engineering in ocean. Nov. 15, 1974. iii leaves+54 p. \* Paper, 85c. ●Item 1070-J

Y 3.Oc 2:2 En 3

**NATIONAL ADVISORY COUNCIL ON ADULT EDUCATION 425  
13th Street NW, Pennsylvania Bldg., Suite 1144 Washington, DC 20004**

- 04336 Adult education, state demographic data [with list of references]. Oct. 1973. cover title, xiii+207 p. 4° +  
L.C. card 74-600853

Y 3.Ed 8/4:2 D 39

**NATIONAL ADVISORY COUNCIL ON EDUCATION OF  
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- 04337 Annual report to President and Congress, 1974, title 1, expanding educational growth. [1974.] vi+81 p.il. 4° \* Paper, \$1.45 (S/N 5203-00028). ●Item 1089

Y 3.Ed 8/2:1/974

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
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- 04338 Apollo-Skylab contamination photography (S226), final report [with list of references]; by P. D. Craven and G. A. Gary. June 15, 1974. cover title, viii+91 p.il. 4° (George C. Marshall Space Flight Center, Space Sciences Laboratory. M-SSL-74-1.) \$ (Price upon application).  
NAS 1.2:P 56/2

- 04339 Apollo/Soyuz mission presentation, Sept. 27, 1974. [1974.] cover title, ii+102 p.il. 4° #

NAS 1.2:Ap 4/14

- 04340 Baseline space tug, executive summary draft. Aug. 15, 1974. cover title, [54] p.il. 4° (MSFC 68M00039-5. Science and Engineering Directorate, Marshall Space Flight Center, Ala.) # (Copies not available).

NAS 1.2:T 81

- 04341 Comparative study of EMI characteristics of flat conductor cable (FCC) vs round wire cable (RWC) (shielded and unshielded); by Ralph H.

# GOVERNMENT PUBLICATIONS

Herndon . Sept. 12, 1974. cover title, [3]+43 p.il. 4° (Electronic Parts Development Branch, Electronics and Control Laboratory.)

#

NAS 1.2:C 11

04342 Contract end item specification, solid rocket booster (SRB). Sept. 19, 1974. cover title, [342] p.il. 4° (Marshall Space Flight Center; [P013M00000A.]) #

NAS 1.2:R 59/2

04343 Facilities data. 1974. [84]+120 p.il. oblong 8° (Office of Facilities.) [Illustrations are colored.] \* Paper, \$3.20 (S/N 3300-00592). ●Item 830-C

NAS 1.2:F 11

04344 Gemini program summary. [12] p.il. 4° (Marshall Space Flight Center.) #

NAS 1.2:G 28/2

04345 Guidelines for acquisition of investigations. July, 1974 edition. July 19, 1974. cover title, iv+41 p. 4° (NHB 8030.6.) § (Price upon application). ●Item 830-F

NAS 1.18:In 8

## NASA contractor report CR (series).

04346 2377. Measurement and analysis of aircraft far-field aerodynamic noise [with list of references; by] Gerald J. Healy . Dec. 1974. cover title, vii+63 p.il. 4° [Prepared by Lockheed-California Co., Burbank, Calif.] § Paper, \$4.25.

NAS 1.26:2377

04347 2407. Combustion of hydrogen-air jets in local chemical equilibrium (guide to CHARNAL computer program) [with list of references; by D. B. Spalding [and others]. June 1974. cover title, iii+83 p.il. 4° Prepared by Fluid Mechanics and Thermal Systems, Inc., Waverly, Ala.] § Paper, \$4.00.

NAS 1.26:2407

04348 2419. VAMP: computer program for calculating volume, area, and mass properties of aerospace vehicles [with list of references]; by P. J. Norton and C. R. Glatt. Sept. 1974. cover title, viii+122 p.il. 4° [Prepared by Aerophysics Research Corp., Hampton, Va.] § Paper, \$4.75.

NAS 1.26:2419

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NAS 1.26:2433

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04351 2443. Development of Fowler flap system for high performance general aviation airfoil [with list of references]; by W. H. Wentz , jr. and H. C. Seetharam. Dec. 1974. cover title, [1]+113 p.il. 4° [Prepared by Wichita State University, Wichita, Kans., for Center for Research, Inc., Lawrence, Kans.] § Paper, \$4.50.

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04353 2455. Theoretical nitric oxide production incidental to autoignition and combustion of several fuels homogeneously dispersed in air under some typical hypersonic flight conditions [with list of references]; by Gilbert S. Bahn . Oct. 1974. Cover title, [211] p.il. 4° [Prepared by LTV Aerospace Corporation, Hampton, Va.] § Paper, \$5.75.

NAS 1.26:2455

04354 2458. Measurements of dielectric properties of sea water at 1.43 GHz [with list of references]; by W. W. Ho , A. W. Love and M. J. Van Melle. Dec. 1974. cover

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title, vii+35 p.il. 4° [Prepared by Rockwell International Corp., Downey, Calif.]  
\$ Paper, \$3.75.

- 04355 2461. Capacitance discharge system for ignition of single bridge Apollo standard initiators (SBASI) [with list of references]; by R. D. Ward. Nov. 1974. cover title, xi+104+A-2+B-1 p.il. 4° [Prepared by Vought Systems Division, LTV Aerospace Corp., Dallas Tex.] \$ Paper, \$4.50. NAS 1.26:2458
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- 04357 2466. Digital adaptive flight controller development [with list of references]; by Howard Kaufman [and others]. Dec. 1974. cover title, ix+115 p.il. 4° [Prepared by Rensselaer Polytechnic Institute, Troy, N.Y.] \$ Paper, \$4.50. NAS 1.26:2464
- 04358 2472. Cascade tests of serrated leading edge blading at high subsonic speeds [with list of references]; by E. G. Smith and H. D. Sowers. Dec. 1974. cover title, vii+92 p.il. 4° [Prepared by General Electric Co., Cincinnati, Ohio.] \$ Paper, \$4.75. NAS 1.26:2466
- 04359 2484. Investigation of Northrop F-5A wing buffet intensity in transonic flight [with list of references]; by Chintun Hwang and W. S. Pi. Nov. 1974. cover title, viii+179 p.il. 4° [Prepared by Northrop Corporation, Hawthorne, Calif.] \$ Paper, \$5.50. NAS 1.26:2472
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- 04361 2496. Studies of social group dynamics under isolated conditions [with bibliographies]. Dec. 1974. cover title, v+290 p. 4° [Prepared by George Washington University Medical Center, Washington, D.C.] \$ Paper, \$8.75. NAS 1.26:2485
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## NASA SP (series).

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- 04364 304 pt. 2. Fluid mechanics, acoustics, and design of turbomachinery: pt. 2 [with lists of references]; edited by B. Lakshminarayana, W. R. Britsch, W. S. Gearhart. 1974. xii+[423]-859+[1] p.il. (Scientific and Technical Information Office.) [Symposium held at Pennsylvania State University, University Park, Pa., Aug. 31 to Sept. 3, 1970, and sponsored by National Aeronautics and Space Administration, Pennsylvania State University, and U.S. Navy.] \* Paper, \$3.80. (S/N 3300-00583). ●Item 830-1. L.C. card 72-600087. NAS 1.21:304/pt. 2
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- 04366 351. Third Earth resources technology satellite-1 symposium: v. 1, Technical presentations, sec. B [with lists of references]; compiled and edited by Stanley C. Freden, Enrico P. Mercanti, and Margaret A. Becker. 1974. xvi+[1]+977-1994 p.il. 4° (Scientific and Technical Information Office.) [Proceedings of symposium held by Goddard Space Flight Center, Washington, D.C., Dec. 10-14, 1973.] \* Paper, \$19.45 per set ●Item 830-1. NAS 1.21:351/v.1/sec. B
- 04367 4902. Planetary quarantine program, origins and achievements, 1956-1973 [with list of references]; by Charles R. Phillips. 1974. vii+56 p. (Scientific and Technical Information Office.) \* Paper, 85c (S/N 3300-00578). ●Item 830-1. L.C. card 74-600134. NAS 1.21:4902
- 04368 5916 (03). Electrical hand tools and techniques, compilation. [1974.] cover title, ii+24+1 p.il. 4° (Technology utilization: [Technology Utilization Office].) [P. 24 of text reserved for notes.] \$ Paper, \$1.00. NAS 1.21:4902

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# GOVERNMENT PUBLICATIONS

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NAS 1.21:5916 (03)

NAS 1.21:5976 (01)

## NASA technical memorandum TM (series).

- 04370 X-3120. Gust generator for supersonic wind tunnel [with list of references; by] Bobby W. Sanders, Allan R. Bishop and John A. Webb, jr. Dec. 1974. cover title, [1]+35 p.il. 4° § Paper, \$3.75.
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- 04384 X-3169. Experimental investigation of simple distortion index utilizing steady-state and dynamic distortions in Mach 2.5 mixed-compression inlet and turbofan engine [with list of references; by] William G. Costakis. Jan. 1975. cover title, [1]+20 p.il. 4° § Paper, \$3.25.

NAS 1.15:X-3169

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- 04386 X-64813. Skylab, MSFC Skylab orbital workshop: v. 3, [Habitability support systems]. May 1974. cover title, xli+2.2.11-1-627 p.il. 4° (Skylab Program Office. Marshall Space Flight Center, Ala.) \$ (Price upon application). NAS 1.15:X-64813
- 04387 X-64845. MSFC Skylab operations support summary; [by James R. Martin ]. June 1974. cover title, vii+137 p.il. 4° (Skylab Program Office.) [Marshall Space Flight Center, Ala.] \$ (Price upon application). NAS 1.15:X-64845
- 04388 X-64873. Orbiter/Spacelab momentum management for POP orientations; by Jerry W. Cox. June 1974. cover title, vii+52 p.il. 4° \$ (Price upon application). NAS 1.15:X-64873
- 04389 X-64877. Data for NASA's AVE 2 pilot experiment, pt. 1: 25-mb sounding data and synoptic charts [with list of references]; by James R. Scoggins and Robert E. Turner. Sept. 1974. cover title, v+530 p.il. 4° \$ (Price upon application). NAS 1.15:X-64877

## NASA technical note TN (series).

- 04390 D-7624. Helicopter rotor rotational noise predictions based on measured high-frequency blade loads [with list of references; by] Robert N. Hosier Ramani Ramakrishnan. Dec. 1974. cover title, iv+82 p.il. 4° \$ Paper, \$4.75. NAS 1.14:D-7624
- 04391 D-7713. Numerical methods for design and analysis of wings at supersonic speeds [with list of references]; by Harry W. Carlson and David S. Miller. Dec. 1974. cover title, [1]+74 p.il. 4° \$ Paper, \$4.25. NAS 1.14:D-7713
- 04392 D-7751. Model for jet-noise analysis using pressure-gradient correlations on imaginary cone [with list of references]; by Thomas D. Norum. Dec. 1974. cover title, [1]+27 p.il. 4° \$ Paper, \$3.75. NAS 1.14:D-7751
- 04393 D-7762. Cryogenic wind-tunnel concept for high Reynolds number testing [with list of references]; by Robert A. Kilgore [and others]. Nov. 1974. cover title, iv+92 p.il. 4° \$ Paper, \$4.00. NAS 1.14:D-7762
- 04394 D-7763. Constrained optimal controller for linear systems with state- and control-dependent disturbance [with list of references]; by S. Basuthakur. Jan. 1975. cover title, iii+14 p. 4° \$ Paper, \$3.25. NAS 1.14:D-7763
- 04395 D-7778. Wind-tunnel investigation of twin-engine straight-wing upper-surface blown jet-flap configuration [with list of references]; by Arthur E. Phelps. III. Jan. 1975. cover title, [1]+78 p.il. 4° \$ Paper, \$4.75. NAS 1.14:D-7778
- 04396 D-7786. Simulation study of intracity helicopter operations under instrument conditions to category I minimums [with list of references]; by William M. Callan, Jacob A. Houck and Daniel J. DiCarlo. Dec. 1974. cover title, [1]+22 p.il. 4° \$ Paper, \$3.25. NAS 1.14:D-7786
- 04397 D-7790. Moving-base visual simulation study of decoupled controls during approach and landing of STOL transport aircraft [with list of references]; by G. Kimball Miller, jr. and Perry L. Deal. Jan. 1975. cover title, [1]+74 p.il. 4° \$ Paper, \$4.25. NAS 1.14:D-7790
- 04398 D-7795. Experimental study of effectiveness of cylindrical plume simulators for predicting jet-on boattail drag at Mach numbers up to 1.30 [with list of references]; by David E. Reubush. Nov. 1974. cover title, [1]+156 p.il. 4° \$ Paper, \$6.25. NAS 1.14:D-7795
- 04399 D-7806. Sonic-boom measurements in focus region during ascent of Apollo 17 [with list of references]; by Herbert R. Henderson and David A. Hilton. Dec. 1974. cover title, [1]+33 p.il. 4° \$ Paper, \$3.75. NAS 1.14:D-7806
- 04400 D-7807. Effect of limb darkening on Earth radiation incident on spherical satellite [with list of references]; by Samuel Katzoff and G. Louis Smith. Dec. 1974. cover title, [1]+23 p.il. 4° \$ Paper, \$3.25. NAS 1.14:D-7807
- 04401 D-7809. Acoustic and aerodynamic performance of 1.83-meter- (6-ft-) diameter 1.2-pressure-ratio fan (QF-6) [with list of references]; by Richard P. Woodward, James G. Lucas and Edward G. Stakolich. Dec. 1974. cover title, [1]+115 p.il. 4° \$ Paper, \$4.50. NAS 1.14:D-7809

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# GOVERNMENT PUBLICATIONS

- 04402 D-7813. Calculation of twist distribution of wings designed for cruise at transonic speeds [with list of references]; by Michael J. Mann . Dec. 1974. cover title, [1]+23 p.il. 4° \$ Paper, \$3.25. NAS 1.14:D-7813
- 04403 D-7814. Effect of canard leading-edge sweep and dihedral angle on longitudinal and lateral aerodynamic characteristics of close-coupled canard-wing configuration [with list of references]; by Blair B. Gloss . Dec. 1974. cover title, [1]+68 p.il. 4° \$ Paper, \$4.25. NAS 1.14:D-7814
- 04404 D-7815. Experimental investigation of cornering characteristics of 18 x 5.5, type 7, aircraft tires with different tread patterns [with list of references]; by Robert C. Dreher and John A. Tanner. Dec. 1974. cover title, [1]+19 p.il. 4° \$ Paper, \$3.25. NAS 1.14:D-7815
- 04405 D-7818. Nonlinear equations of motion for elastic bending and torsion of twisted nonuniform rotor blades [with list of references; by] D. H. Hodges and E. H. Dowell. Dec. 1974. cover title, viii+52 p.il. 4° \$ Paper, \$4.25. NAS 1.14:D-7818
- 04406 D-7824. Some observations on effects of radial distortions on performance of transonic rotating blade row [with list of references; by] Donald M. Sandercock and Nelson L. Sanger. Dec. 1974. cover title, [1]+48 p.il. 4° \$ Paper, \$3.75. NAS 1.14:D-7824
- 04407 D-7826. Effect of treated length on performance of full-scale turbopan inlet noise suppressors [with list of references]; by James H. Dittmar and John F. Groeneweg. Dec. 1974. cover title, [1]+74 p.il. 4° \$ Paper, \$4.25. NAS 1.14:D-7826
- 04408 D-7827. Subsonic roll-damping characteristics of a series of wings [with list of references]; by Richmond P. Boyden . Dec. 1974. cover title, [1]+37 p.il. 4° \$ Paper, \$3.75. NAS 1.14:D-7827
- 04409 D-7834. Application of parameter identification technique to hingeless helicopter rotor [with list of references]; by Gerd Kanning and James C. Biggers. Dec. 1974. cover title, x+58 p.il. 4° \$ Paper, \$3.75. NAS 1.14:D-7834
- 04410 D-7836. Aerodynamic performance of 0.5-meter-diameter, 337-meter-per-second tip speed, 1.5-pressure-ratio, single-stage fan designed for low noise aircraft engines [with list of references]; by Thomas F. Gelder and George W. Lewis, jr. Dec. 1974. cover title, iv+181 p.il. 4° \$ Paper, \$7.00. NAS 1.14:D-7836
- 04411 D-7839. Analysis of dynamic response of supersonic inlet to flow-field perturbations upstream of normal shock [with list of references]; by Gary L. Cole and Ross G. Willoh. Jan. 1975. cover title, [1]+36 p.il. 4° \$ Paper, \$3.25. NAS 1.14:D-7839
- 04412 D-7840. Surface recrystallization theory of wear of copper in liquid methane [with list of references]; by Robert C. Bill and Donald W. Wisander. Dec. 1974. cover title, [1]+23 p.il. 4° \$ Paper, \$3.25. NAS 1.14:D-7840
- 04413 D-7849. Decomposition of nitric oxide in hot nitrogen stream to synthesize air for hypersonic-wind-tunnel combustion testing [with list of references; by] John F. Zumdieck and Steven A. Zlatarich. Dec. 1974. cover title, [1]+27 p.il. 4° \$ Paper, \$3.25. NAS 1.14:D-7849
- 04414 D-7850. Use of potential flow theory to evaluate subsonic inlet data from simulator-powered nacelle at cruise conditions [with list of references; by] Lawrence J. Bober . Dec. 1974. cover title, [1]+24 p.il. 4° \$ Paper, \$3.00. NAS 1.14:D-7850
- 04415 D-7857. Design of experiments for measuring heat-transfer coefficients with lumped-parameter calorimeter [with list of references; by] G. James Van Fossen , jr. Jan. 1975. cover title, 1+18 p.il. 4° \$ Paper, \$3.00. NAS 1.14:D-7857
- 04416 D-7859. Apollo experience report, guidance and control systems, command and service module entry monitor subsystem [with reference; by] Ben Reina , jr. and Herbert G. Patterson. Jan. 1975. cover title, iv+22 p.il. 4° \$ Paper, \$3.75. NAS 1.14:D-7859
- 04417 D-7862. Diffusion algorithms and data reduction routine for onsite launch predictions for transport of Titan 3 C exhaust effluents [with list of references]; by J. Briscoe Stephens and P. A. Hamilton. Dec. 1974. cover title, xv+71 p.il. 4° \$ Paper, \$4.75. NAS 1.14:D-7862
- 04418 D-7868. High altitude gust acceleration environment as experienced by a supersonic airplane [with list of references; by] L. J. Ehemberger and Betty J. Love. Jan. 1975. cover title, [1]+24 p.il. 4° \$ Paper, \$3.25. NAS 1.14:D-7868
- 04419 D-7870. Effect of speed and load on ultra-high-speed ball bearings [with list of references; by] Eric N. Bamberger , Erwin V. Zaretsky and Hans Signer. Jan. 1975. cover title, [1]+25 p.il. 4° \$ Paper, \$3.75. NAS 1.14:D-7870

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- 04420 D-7871. Wear and friction of oxidation-resistant mechanical carbon-graphites at 650 degrees C in air [with list of references; by] Gordon P. Allen and Donald W. Wisander. Jan. 1975. cover title, [1]+12 p.il. 4° § Paper, \$3.25.  
NAS 1.14:D-7871

## NASA technical report R (series).

- 04421 431. Computer and photogrammetric general land use study of central north Alabama [with list of references]; by R. R. Jayroe, P. A. Larsen, and C. W. Campbell. Oct. 1974. cover title, viii+105 p.il. 4° (Marshall Space Flight Center, Ala.) [Some illustrations are colored.] § Paper, \$4.50.  
NAS 1.12:431

## NASA technical translation TT (series).

- 04422 F-785. Equipment for space research [with lists of references]; by Yu K. Khodarev [and others]. Oct. 1974. cover title, v+412 p.il. 4° [Publication of Nauka Press, Moscow, 1972.] § Paper, \$8.50.  
NAS 1.13/2:F-785
- 04423 F-807. Cosmic rays [with lists of references]; edited by S. N. Vernov and L. I. Dorman. Jan. 1975. cover title, vii+379 p.il. 4° [Publication of Nauka Press, Moscow, 1972.] § Paper, \$10.50.  
NAS 1.13/2:F-807
- 04424 Payload descriptions: v. 2, Sortie payloads, level B data, preliminary. July 1974. cover title, [1170] p.il. oblong 8° [Supersedes data released in Oct. 1973.] #  
NAS 1.2:P 29/2/v. 2/B data
- 04425 Postflight analysis of science demonstrations [with list of references]; by Tommy C. Bannister. [1974.] 9 p.il. 4° [Paper presented at AIAA/AGU Conference on Scientific Experiments of Skylab, Huntsville, Ala., Oct. 30-Nov. 1, 1974.] +  
NAS 1.2:Sci 2/8
- 04426 Safety and environmental health standards [with bibliography]. Oct. 15, 1974. cover title, v+239 p.il. 4° (George C. Marshall Space Flight Center; MM 1700.4B.) [Issued with perforations.] #  
NAS 1.2:Sa 1/3
- 04427 Spacelab ATM feasibility study, technical report. Sept. 30, 1974. cover title, [193] p.il. 4° (Marshall Space Flight Center.) [Prepared by Martin Marietta Aerospace with assistance from Bendix Corp.] #  
NAS 1.2:Sp 1/35
- 04428 Spacelab system requirements (level 2), issue 5 [with list of references]. Nov. 11, 1974. cover title, [1]+ix+105 p.il. 4° [European Space Research Organization.] #  
NAS 1.2:Sp 1/36
- 04429 Summarized NASA payload descriptions, sortie payloads, level A data, preliminary. July 1974. cover title, [2]+272 p.il. 4° [Prepared by Program Development. Supersedes comparable version dated Oct. 1973.] § (Price upon application).  
NAS 1.2:P 29/3
- 04430 Technical facilities catalog, v. 1-3. Oct. 1974 edition. Oct. 1, 1974. 3 v., cover titles, [1994] p.il. 4° [NHB 8800.5(1) and 8800.5(2) are cancelled.] # (Information incorrect in publications as to sale by Superintendent of Documents). ●Item 830-F  
NAS 1.18:T 22/5/v. 1-3

GOVERNMENT PUBLICATIONS

NATIONAL AGRICULTURAL LIBRARY, Agriculture Dept.  
Washington, DC 20250

- 04431 Index to proceedings of 10 USDA-land-grant university seminars for food service supervisory personnel, 1969-71 [with bibliography]. [Dec. 1974.] [1]+xiii+27 p. 4° (Food and Nutrition Information and Educational Materials Center.) + ●Item 95

A 17.2:F 73/2/969-71

Library list.

- 04432 99. Food service programs for children, annotated bibliography. Jan. 1975. [3]+78 p. 4° + ●Item 95-A

A 17.17:99

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

Preliminary inventory PI (series).

- 04433 178. Preliminary inventory of records of Office of Education; compiled by Carmen Delle Donne. 1974. viii+65 p. 4° (Record group 12.) +  
L.C. card 74-23346

GS 4.10:178

Reference information paper.

- 04434 71. Cartographic records in National Archives of United States relating to American Indians; compiled by Laura E. Kelsay. 1974. v+35 p. +

GS 4.15:71

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

Handbook.

- 04435 44. [Specifications, tolerances, and other technical requirements for commercial weighing and measuring devices as adopted by National Conference of Weights and Measures 4th edition, 1971; 1974 replacement sheets.] [1974.] [48] p. 4° +

C 13.11:44/4/rev. pages 974

- 04436 115. Energy conservation program guide for industry and commerce (EPIC) [with bibliography; by] Robert R. Gatts, Robert G. Massey and John C. Robertson. Sept. 1974. 207 p. 4° (Institute for Applied Technology.) [Jointly sponsored with Federal Energy Administration, Conservation and Environment, as part of Industrial research and demonstration program. Edge index on back of cover.] \*Paper, \$2.50. ●Item 245  
L.C. card 74-600153

C 13.11:115

NBSIR (series).

- 04437 74-574. NBSLD, computer program for heating and cooling loads in buildings, final report [with list of references; by] T. Kusuda. Nov. 1974. [431] p. 4° (Center for Building Technology, Institute for Applied Technology.) [Prepared for Housing and Urban Development, as part of National Bureau of Standards Building science series publication.] +

C 13.58:74-574

Special publication.

- 04438 412. Aerosol measurements, proceedings of seminar on aerosol measurements, May 7, 1974 [with list of references; Wayne A. Cassatt and Rosemary S. Maddock, editors. Oct. 1974. ix+182+[1] p. 4° [Sponsored in cooperation with Food and Drug Administration.] \*Paper, \$2.65. (S/N 0303-01341). ●Item 247  
L.C. card 74-600164

C 13.10:412

Technical note.

- 04439 657. Calculated and measured S 11, S 21, and group delay for simple types of coaxial and rectangular waveguide 2-port standards [with list of references;] by R. W. Beatly. Dec. 1974. vi+62 p. 4° (Electromagnetics Division, Institute for Basic standards.) \*Paper, \$1.25. ●Item 249-A  
L.C. card 74-600191

C 13.46:657

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# MARCH 1975

- 04440 740. SETAB, edit insert program for automatic typesetting of spectroscopic and other computerized tables [with list of references; by] Robert C. Thompson and Joseph Hilsenrath. Dec. 1973. iii+26 p.il. 4° (Office of Standard Reference Data.) \* Paper, 55c. ●Item 249-A  
C 13.46:740
- 04441 840. Reference materials for collaborative tests of air quality methods; [by] Richard H. Johns and John K. Taylor. Aug. 1974. [2]+14+[1] p.il. 4° (Analytical Chemistry Division, Institute for Materials Research.) \* Paper, 55c. ●Item 249-A  
L.C. card 74-600123  
C 13.46:840
- 04442 844. Designs for calibration of small groups of standards in presence of drift [with list of references; by] Joseph M. Cameron and Geraldine E. Hailes. Aug. 1974. [2]+32+[1] p. 4° (Institute for Basic Standards.) \* Paper, 70c. ●Item 249-A  
L.C. card 74-600133  
C 13.46:844
- 04443 Your job in United States Department of Commerce, handbook for employees, [1974.] [158] p.il. [Text on p.2 of cover.] +  
C 13.6/2:J 57

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

- 04444 Cancer centers program. Sept. 1974. xiii+286 p.il. 4° (DHEW publication (NIH) 75-610; Division of Cancer Research Resources and Centers.) + ●Item 507-G-2  
L.C. card 75-600630  
HE 20.3152:C 16/5-2/974
- 04445 Cancer in Atlanta metropolitan area, third National cancer survey advanced three year report, 1969-71 incidence (excluding carcinoma in situ); prepared by James P. Cooney. Feb. 1, 1974. [38] p. oblong 8° (DHEW publication (NIH) 75-638.) + ●Item 507-G-2  
HE 20.3152:N 21/2/969-71/at
- 04446 Cancer in Pittsburgh metropolitan area, third national cancer survey advanced three year report, 1969-71 incidence (excluding carcinoma in situ). Feb. 1, 1974. [4]+6+[25] p. oblong 8° (DHEW publication (NIH) 74-645; Biometry Branch, Division of Cancer Cause & Prevention.) [Prepared together with Cooperative Health Survey, Department of Biostatistics, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, Pa. Supported by contract NIH-NCI-E-69-43.] + ●Item 507-G-2  
HE 20.3152:N 21/2/969-71/pi
- 04447 Cancer rates and risks [with list of references; by] David L. Levin [and others]. 1974. viii+108 p.il. (DHEW publication (NIH) 75-691; Biometry Branch.) \* Paper, \$1.80 (S/N 1742-00086). ●Item 507-G-2  
HE 20.3152:R 18/974

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

### Vital and health statistics: Series 10, Data from National health survey.

- 04448 93. Characteristics of persons with corrective lenses, United States, 1971; [by Mary H. Wilder J. Sept. 1974 iv+37 p.il. 4° (DHEW publication (HRA) 75-1520; [Division of Health Interview Statistics].) [Prepared in cooperation with Census Bureau.] \* Paper, \$1.05. ●Item 500-E  
L.C. card 74-8410  
HE 20.6209:10/93
- 04449 96. Limitation of activity and mobility due to chronic conditions, United States, 1972; [by Charles S. Wilder J. Nov. 1974. iv+56 p.il. 4° (DHEW publication (HRA) 75-1523; [Division of Health Interview Statistics].) [Prepared in cooperation with Bureau of Census.] \* Paper, \$1.15. ●Item 500-E  
L.C. card 74-12431  
HE 20.6209:10/96

## GOVERNMENT PUBLICATIONS

### Vital and health statistics: Series 11, Data from National health survey.

- 04450 140. Skeletal maturity of children 6-11 years, United States [with list references; by A. F. Rocke, Jean Roberts and Peter V. V. Hamill]. Nov. 1974. iv+62 p.il. 4° (DHEW publication (HRA) 75-1622.) [Prepared in cooperation with Bureau of Census. ISBN 0-8406-0006-2.] \* Paper, \$1.25. ●Item 500-E  
L.C. card 74-3219 HE 20.6209:11/140
- 04451 143. Body dimensions and proportions, White and Negro children 6-11 years, United States [with list of references; by Robert M. Malina, Peter V. V. Hamill, and Stanley Lemeshow.] Dec. 1974. [1]+iii+66 p.il. 4° (DHEW publication (HRA) 75-1625; [Division of Health Examination Statistics].) [Prepared in cooperation with Bureau of Census. ISBN 0-8406-0011-9.] \* Paper, \$1.30. ●Item 500-E  
L.C. card 74-4239 HE 20.6209:11/143
- 04452 144. Decayed, missing, and filled teeth among youths, 12-17 years, United States [with list of references; by James E. Kelly and Clair R. Harvey]. Oct. 1974. iii+[1]+34 p.il. 4° (DHEW publication (HRA) 75-1626; [Division of Health Examination Statistics].) [ISBN 0-8406-00224.] \* Paper, 85c. ●Item 500-E  
L.C. card 74-10925 HE 20.6209:11/144
- 04453 146. Hematocrit values of youths 12-17 years United States [with list of references; by Felix Heald and others]. Dec. 1974. iv+40 p.il. 4° (DHEW publication (HRA) 75-1628; [Division of Health Examination Statistics].) [Prepared in cooperation with Census Bureau.] \* Paper, \$1.00. ●Item 500-E  
L.C. card 74-12434 HE 20.6209:11/146
- 04454 148. Refraction status of youths 12-17 years, United States [with list of references; by Jean Roberts and David Slaby]. Dec. 1974. iv+55 p.il. 4° (DHEW publication (HRA) 75-1630; [Division of Health Examination Statistics].) [Prepared in cooperation with Bureau of Census. ISBN 0-8406-0027-5.] \* Paper, \$1.15. ●Item 500-E  
L.C. card 74-13231 HE 20.6209:11/148

### Vital and health statistics: Series 12, Data from National health survey.

- 04455 22. Chronic conditions and impairments of nursing home residents, United States, 1969 [with list of references; by Alvin Sirrocco]. Dec. 1973. iii+[1]+46 p.il. 4° (DHEW publication (HRA) 74-1707; [Division of Health Resources Statistics].) [Prepared in cooperation with Bureau of Census.] \* Paper, 85c. ●Item 500-E  
L.C. card 73-600044 HE 20.6209:12/22

### Vital and health statistics: Series 13, Data from National health survey.

- 04456 18. Surgical operations in short-stay hospitals, United States, 1971; [with list of references; by Gary E. Blanken]. Nov. 1974. iv+46 p.il. 4° (DHEW publication (HRA) 75-1769.) [Prepared in cooperation with Bureau of Census. ISBN 0-8406-0017-8.] \* Paper, \$1.10. ●Item 500-E  
L.C. card 74-6259 HE 20.6209:13/18

## NATIONAL COMMISSION ON LIBRARIES AND INFORMATION SCIENCE, 1717 K St. NW Washington, DC 20036

- 04457 Library and information service needs of nation, proceedings of conference on needs of occupational, ethnic, and other groups in United States [with lists of references; edited by Carlos A. Cuadra and Marcia J. Bates]. [1974.] vii+314 p.il. \* Paper, \$2.95 (S/N 5203-00033). ●Item 1061-F  
L.C. card 75-601781 Y 3.L 61:2/N 28

## NATIONAL CREDIT UNION ADMINISTRATION Washington, DC 20036

- 04458 Federal credit union act, as amended to Oct. 29, 1974. [1975.] [2]+37 p. 4° \* Paper, \$1.00 (S/N 5400-00016). ●Item 526-A  
NCU 1.5:F 31/974

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

- 04459 Literature program guidelines for fellowships for creative writers, fiscal year 1976. [July 1974.] [1]+5 p. + ●Item 831-B-2  
NF 2.8:L 71

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04460 Music program, guidelines for grants to symphony orchestra, fiscal year 1976. [Apr. 1974.] [3]+11 p. 4° + ●Item 831-B-2  
NF 2.8:M 97/3/976

04461 National Endowment for the Arts theatre program guidelines, fiscal year 1976. [Nov. 1974.] [3]+16 p. 4° + ●Item 831-B-2  
NF 2.8:T 34/976

**NATIONAL HEART AND LUNG INSTITUTE, Health, Education,  
and Welfare Dept. Bethesda, MD 20014**

04462 United States-Union of Soviet Socialist Republics joint program in cardiovascular diseases. [1975.] [28] p.il. 4° (DHEW publication (NIH) 75-726.) [Prepared by Public Inquiries and Reports Branch, OPCE. Title on cover is: Collaboration in cardiovascular research.] +  
●Item 507-E-1  
L.C. card 75-601707 HE 20.3202:C 17/4

**NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION,  
Transportation Dept. Washington, DC 20591**

04463 Air cushion fleet tests, vital facts concerning air cushion system. Aug. 1972. [8] p. narrow 8° #  
TD 8.2: Ai 7

04464 Alcohol highway-traffic safety workshop for law enforcement officials; [by] William Walker [and others]. Apr. 1974. [201] p. 4° (DOT HS-801 273.) [Prepared by Abt Associates, Inc., Cambridge, Mass. Issued with perforations.] \* Paper, \$3.05. (S/N 5003-00199). ●Item 982-D-1  
TD 8.2: Ai 1/8

04465 Alcohol highway-traffic safety workshop for rehabilitation and treatment personnel; [by] William Walker [and others]. Apr. 1974. [196] p. 4° (DOT HS-801 274.) [Prepared by Abt Associates, Inc., Cambridge, Mass. Issued with perforations.] \* Paper, \$3.05. (S/N 5003-00198). ●Item 982-D-1  
TD 8.2: Ai 1/9

04466 Congressional documents: bibliography, 1956-1972. [Nov. 1973.] cover title, v+106 p.il. oblong 8° ([Office of Administrative Services.] DOT HS-800 982.) § (Price upon application).  
TD 8.13:C 76/2

04467 DWI law enforcement training project evaluation aids packet and media log; [by] James E. Carnahan and Charles L. Dreveskracht. Aug. 1974. [1]+viii+172 p.il. 4° [Contract DOT-HS-334-3-645. Conducted by Michigan State University, Highway Traffic Safety Center, East Lansing, Mich.] + ●Item 982-D-1  
TD 8.8:L 41/aids

**Highway safety program standard (series).**

04468 17. Pupil transportation safety. [Oct. 1, 1973.] [6] p. narrow 8° +  
TD 8.8/4:17

04469 Job description, emergency medical technician, ambulance. May 1972. [5] p.il. narrow 8° #  
TD 8.8:Em 3/8

04470 National workshop on training of emergency medical technicians, recommendations and conclusions for approach to urgent problem.



## GOVERNMENT PUBLICATIONS

[Nov. 1972.] [6]+10 p. narrow 8° [Proceedings of conference sponsored by Committee on Injuries, American Academy of Orthopedic Surgeons, San Antonio, Tex., July 22 and 23, 1971.] #

TD 8.2:Em 3/2

- 04471 Summary review of traffic safety highlights, problems, and programs, June 1973 through June 1974. Dec. 1974. iv+34 p.il. [Errata, 1 p., was issued also.] +

TD 8.2:R 32/973-74

- 04472 Title 2, automobile consumer information study, Motor vehicle information and cost savings act, Public Law 92-513, Oct. 20, 1972. Apr. 18, 1973. [1]+iii+33 p.il. 4° [Prepared by Planning Task Force.] +

TD 8.2:C 76

### Traffic laws commentary.

- 04473 v. 3, no. 3. Pedestrian laws in United States [with list of references]; by John W. English, Craig W. Conrath, and Michael L. Gallavan. [Oct. 1974.] [8]+245 p. 4° (National Committee on Uniform Traffic Laws and Ordinances.) [Prepared under contract DOT-HS-4-00928.] \* Paper, \$3.15 (S/N 5003-00205). ●Item 982-D-11

TD 8.5/2:3/3

- 04474 Vehicle braking systems test procedure hydraulic brakes, [by R. C. Boyer, R. L. Anderson, and E. Enserink]. Dec. 1974. cover title, [275] p.il. 4° (DOT HS-801 308.) [Prepared by Ultrasystems, Inc., Dynamic Science Division, Phoenix, Ariz., under contract DOT-HS-046-3-769.] \$ (Price upon application). ●Item 982-D-3

TD 8.8:B 73

### NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH, Health, Education, and Welfare Dept. Rockville, MD 20852

#### Criteria for recommended standard, occupational exposure (series).

- 04475 Ammonia [with list of references]. 1974. vii+[1]+107 p.il. 4° (DHEW publication (NIOSH) 74-136.) + ●Item 494-D-4

HE 20.7110:Am 6

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

#### Research planning workshops on sudden infant death syndrome.

- 04476 1. Behavioral aspects, May 15-16, 1972 [Bethesda, Md.]; Eileen G. Hasselmeyer and G. Eric Knox, editors. [1974.] [4]+8 p. (DHEW publication (NIH) 74-577; Perinatal Biology and Infant Mortality Branch.) \* Paper, 25c. ●Item 506-D-2
- 04477 6. Pathology, May 3, 1973, [Bethesda, Md.]; J. Bruce Beckwith, editor. [1974.] [4]+12 p. (DHEW publication (NIH) 74-582; Perinatal Biology and Infant Mortality Branch.) \* Paper, 30c. ●Item 506-D-2

HE 20.3352:In 3/4/no. 6/ \*

### NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES, Health, Education, and Welfare Dept. Bethesda, MD 20014

- 04478 Pharmacology research associate program of National Institutes of Health. [1975.] [1]+25 p. 12° (DHEW publication (NIH) 75-135.) + ●Item 497-C-1

HE 20.3452:P 49/975

\*For Sale by Superintendent of Documents

+Distribution Made by Issuing Office

#Not Available for Sale or Distribution

**NATIONAL INSTITUTE OF MENTAL HEALTH, Health, Education,  
and Welfare Dept. Rockville, MD 20852**

- 04479 Family health indicators, annotated bibliography; by Jean T. May .  
1974. xi+212 p. 4° ([DHEW publication (ADM) 75-135.]) [Compiled  
as part of Family Health Indicators Project pursuant to contract  
HSM-42-72-189.] \* Paper, \$2.85. ●Item 507-B-9  
L.C. card 74-602698 HE 20.8113:F 21
- 04480 Freeing yourself from bad moods; [by David S. Viscott ]. [1974.] [1]+13  
p. narrow 8° ([DHEW publication (ADM) 74-125.]) [Reprinted from  
Today's Health Magazine, American Medical Association, March  
1974.] \* Paper, 30c. (S/N 1724-00391). ●Item 507-B-5  
HE 20.8102:M 77
- 04481 Make each person count, guide for nursing home personnel. [Revised  
1974.] [1974.] 27 p.il. narrow 8° ([Division of Mental Health Service  
Programs; DHEW publication (ADM) 74-110.]) [Formerly PHS publi-  
cation 1054.] \* Paper 55c. (S/N 1724-00394). ●Item 507-B-10  
HE 20.8108:N 93

**Statistical note. (Biometry Branch, Survey and Reports Section.)**

- 04482 106. Provisional patient movement and administrative data, State and county mental  
hospital inpatient services, July 1, 1972-June 30, 1973; [by] Helen E. Bethel . May  
1974. 29 p. 4° ([DHEW publication (ADM) 74-6.]) + ●Item 507-B-12  
HE 20.8116:106

**NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND  
STROKE, Health, Education, and Welfare Dept. Bethesda, MD 20014**

- 04483 NINDS Meniere's disease research program. [Jan. 1974.] [2]+4 p.  
([DHEW publication (NIH) 75-763.]) [Prepared in connection with  
1975 appropriations hearings.] + ●Item 507-L-2  
HE 20.3502:M 52

**NATIONAL INSTITUTE ON ALCOHOL ABUSE AND  
ALCOHOLISM, Health, Education, and Welfare Dept. Chevy Chase,  
MD 20015**

- 04484 How to help, what you can do to help your community help alcoholic  
people. [1974.] [1]+16 p.il. narrow 8° ([DHEW publication (ADM)  
75-179.]) + ●Item 498-C-1  
HE 20.8302:H 36

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

**Framingham study, epidemiological investigation of cardiovascular dis-  
ease; editors William B. Kannel and Tavia Gordon.**

- 04485 sec.30. Some characteristics related to incidence of cardiovascular disease and death,  
Framingham study, 18-year follow-up [with bibliography; by] Dewey Shurtleff . Feb.  
1974. [326] p. 4° (DHEW publication (NIH) 74-599.) \* Paper, \$3.20 (S/N 1740-  
00379). ●Item 507  
L.C. card 71-603009 HE 20.3002:F 84/sec.30

**Public Health Service grants and awards, fiscal year 1973 funds;  
[prepared by Division of Research Grants, Statistics and Analysis  
Branch].**

- 04486 pt. 6. Health Services and Mental Health Administration. [1974.] x+547 p. (DHEW  
publication (NIH) 74-500.) \* Paper, \$3.90 (S/N 1740-00381). ●Item 507-D  
HE 20.3013:973/pt. 6

# GOVERNMENT PUBLICATIONS

04487 Medical and health related sciences thesaurus. [July 1974.] xii+689 p.  
4° (DHEW publication (NIH) 75-199.) + ●Item 506-F  
HE 20.3023:974

04488 National Institutes of Health. [1975.] [12] p.il. (DHEW publication (NIH)  
75-1.) + ●Item 507  
HE 20.3002:N 21/3/975

04489 Patient education in high blood pressure, annotated bibliography. July  
1974. [3]+iii+64 p. 4° (DHEW publication (NIH) 75-724; National  
High Blood Pressure Education Program.) [Includes 3 dividers with  
marginal tabs showing section titles.] + ●Item 506-A  
HE 20.3012:H 53

## NATIONAL LABOR RELATIONS BOARD Washington, DC 20570

04490 Decisions and orders of National Labor Relations Board, v. 200, Nov.  
3, 1972-Jan. 2, 1973 1974. xiii+1174 p. 4° \* Cloth \$15.25 (S/N 3100-  
00128). ●Item 826  
LR 1.8:200

04491 Education of Chairman Miller, remarks of Edward B. Miller Chairman,  
National Labor Relations Board, at Regional directors Conference,  
New Orleans, La., Oct. 3, 1974. [1974.] 18 p. 4° (R-1360.) +  
LR 1.7:M 61/13

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

04492 Drug interactions, annotated bibliography with selected excerpts, 1970-  
71, v.2; edited by Bruno M. Vasta , Joan M. Burnside & Jerry  
R. Edge. Sept. 1974. [796] p. 4° (DHEW publication (NIH) 75-322;  
Toxicology Information Program.) \* Cloth, \$17.70 (S/N 1752-00157).  
●Item 508-F  
L.C. card 73-601860 HE 20.3614:D 84/970-71/v.2

## NATIONAL MARINE FISHERIES SERVICE, Commerce Dept. Washington, DC 20230

### Current fisheries statistics (series).

04493 6271. Basic economic indicators: Atlantic and Pacific groundfish 1932-72. June 1974.  
vii+105 p. 4° (Economic Research Laboratory.) + ●Item 610-A  
C 55.309/2:6271  
04494 6567. Chesapeake fisheries, annual summary 1972. Nov. 12, 1974. 7 p. 4° [Prepared  
in cooperation with fishery agencies of Maryland and Virginia.] + ●Item 610-  
A  
C 55.309/2:6567

## NATIONAL OCEAN SURVEY, Commerce Dept. Washington, DC 20235

04495 Nautical chart catalog 3, United States, Alaska, including Aleutian  
Islands, charts, tide tables, coast pilots, current tables, tidal current  
charts. July 1974. [2] p.il. oblong f° folded into 8° size. +  
C 55.418:3/974

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**NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION,  
Commerce Dept. Washington, DC 20235**

NOAA technical memorandum. (National Weather Service.) Southern  
Region Headquarters, Scientific Services Division, Fort Worth, Tex.)

- 04496 NWS SR-74. Midwestern snowstorm models and February 1973 storm over Georgia  
[with list of references; by] Rheinart W. Harms. Dec. 1973. [1]+13 p.il. 4°  
(Southern Region, Headquarters, Scientific Services Division, Fort Worth, Tex.)  
[Errata sheet, 1 p. issued also.] +

C 55.13/2:NWS SR-74

- 04497 Spacecraft oceanography. [1974.] 2 p.il. oblong 8° folded into narrow  
8 size. ([NOAA/PA 73024.]) + ●Item 259-E-2

C 55.2:Sp 1/2

**NATIONAL OCEANOGRAPHIC INSTRUMENTATION CENTER,  
Commerce Dept. Washington, DC 20390**

Instrument fact sheet IFS (series).

- 04498 75002. Models RCM-4 and RCM-5, Aanderaa recording current meters, Ivar Aanderaa,  
Hardangeren 2, Norway. July 1974. 13 p.il. 4° [Issued with perforations.] +  
C 55.71:75002  
04499 75003. Mark 3, water quality monitoring system, Martek Instruments, Inc., Newport  
Beach, Calif. Oct. 1974. [1]+10 p.il. 4° [Issued with perforations.] +  
C 55.71:75003  
04500 75004. Model 6-D in-situ water quality analyzer (surveyor), Hydrolab Corporation, Austin,  
Tex. Oct. 1974. 12 p.il. 4° [Issued with perforations.] +  
C 55.71:75004

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

- 04501 El Borde Sur, Parque Nacional del Gran Canon, Ariz. [Rev. Jan. 1974.]  
[1974.] [2] p.il. f° folded into narrow 8° size. +  
I 29.6:G 76/17/974/Spanish  
04502 Sudseite, der National park Grand Canyon, Ariz. [Rev. Jan. 1974.]  
[1974.] [2] p.il. f° folded into narrow 8° size. +  
I 29.6:G 76/17/974/German  
04503 Versant Sud, le Parc national du Grand Canyon, Ariz. [Rev. Jan. 1974.]  
[1974.] [2] p.il. f° folded into narrow 8° size. +  
I 29.6:G 76/17/974/French

**NATIONAL SCIENCE FOUNDATION Washington, DC 20550**

- 04504 Energy research and technology, abstracts of NSF research results,  
v.1, no. 1; [prepared by Miriam P. Guthrie ], July 1974. cover title,  
iii+14 p. 4° (NSF 74-28.) [Prepared with support of RANN,  
Research Applied to National Needs.] +  
NS 1.13:En 2/v.1, no.1  
04506 Graduate science education student support and postdoctorals, fall 1973,  
detailed statistical tables, app. 3. [1974.] v+112 p. oblong 8° (NSF  
74-318A.) +  
NS 1.22:G 75/2/973/app. 3  
04507 Official program plan for support of extramural research, fiscal year  
1975. Sept. 1974. [28] p. 4° (Office of National R&D Assessment.)  
+  
NS 1.2:Ex 8/975  
04508 Science resources studies highlights: Employment of life scientists in  
1974, accounts for nearly all growth of scientists and engineers in

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doctorate-granting institutions. Oct. 1, 1974. 3 p.il. 4° (NSF 74-315.) [Prepared in Universities and Nonprofit Institutions Studies Group, Division of Science Resources Studies.] +

NS 1.31:L 62

- 04509 Science resources studies highlights: Federal R&D funding for FY 1975 continues to decline as share of total budget. Sept. 27, 1974. 4 p.il. 4° (NSF 74-314.) [Prepared in Government Studies Group, Division of Science Resources Studies.] +

NS 1.31:F 31/9

- 04510 Science resources studies highlights: Federal R&D priorities shifted in FY 1975. Aug. 19, 1974. 4 p.il. 4° (NSF 74-310.) [Prepared in Government Studies Group, Division of Science Resources Studies.] +

NS 1.31:F 31/8

- 04511 Science resources studies highlights: Federal scientific and technical personnel decline in 1973. Oct. 18, 1974. 4 p.il. 4° (NSF 74-316.) [Prepared in Manpower Utilization Studies Group, Division of Science Resources Studies.] +

NS 1.31:F 31/3/973

- 04512 Science resources studies highlights: State agency R&D activities almost quadrupled from FY 1964 to FY 1973. Sept. 3, 1974. 4 p.il. 4° (NSF 74-311.) [Prepared in Government Studies Group, Division of Science Resources Studies.] +

NS 1.31:R 31/964-73

- 04513 Science resources studies highlights: 20-percent increase in energy activity paces industrial R&D spending in 1973. Dec. 4, 1974. 4 p.il. 4° (NSF 74-319.) [Prepared in Industry Studies Group, Division of Science Resources Studies.] +

NS 1.31:In 2/5

- 04514 Scientists & engineers in economic development program. [Apr. 1974.] [5] p. narrow 8° ((NSF 74-12.)) +

NS 1.2:Sci 2/26

- 04515 Systems analysis of solar energy programs, appendix, research tasks. Dec. 1973. [163] p. 4° [Prepared with support of Division of Advanced Energy Research and Technology, RANN, Research Applied to National Needs Program. Contract NSF-C831, project 2950. Some pages printed as leaves.] +

NS 1.2:So 4/4/app.

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

- 04516 Address by John H. Reed, Chairman, National Transportation Safety Board, before NTSB-GAMA Seminar on Accident Investigation, Wichita, Kans., May 3, 1973. [1974.] 9 p. 4° #

TD 1.110:R 25/43

### Aircraft accident report NTSB-AAR (series).

- 04517 74-12. Eastern Air Lines, Inc. McDonnell-Douglas DC-9-31, N8967E, Akron-Canton Regional Airport, North Canton, Ohio, Nov. 27, 1973; adopted Nov. 5, 1974. [1974.] iii+51 p.il. 4° (File no. 1-0029.) [Errata, 1 p. 4°, issued also.] § (Price upon application).
- 04518 74-13. Delta Air Lines, Inc. McDonnell Douglas DC-9-32, N3323L Chattanooga Municipal Airport, Chattanooga, Tenn., Nov. 27, 1973; adopted Nov. 8, 1974. 1974. iii+39 p.il. 4° ((File 1-0028.)) § (Price upon application).

TD 1.112:74-12

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- 04519 74-15. Pan American World Airways, Inc. Boeing 707-321B, N454PA Pago Pago, American Samoa, Jan. 30, 1974; adopted Nov. 8, 1974. [1974.] iii+26+[1] p.il. 4° ([File 1-0001.]) § (Price upon application).  
 TD 1.112:74-13

TD 1.112:74-15

- 04520 Annual reviews of aircraft accident data, U.S. air carrier operations, 1973. Oct. 24, 1974. iii+91 p.il. 4° (NTSB-ARC-74-2; [Aviation Safety Bureau.]) § (Price upon application).

TD 1.113/5:973

## NTSB-AAS (series).

- 04521 74-3. Special study: safety aspects of emergency evacuations from air carrier aircraft. Nov. 13, 1974. iii+42 p.il. 4° ([Aviation Safety Bureau.]) § (Price upon application).

TD 1.121:74-3

## NATIONAL WEATHER SERVICE, Commerce Dept. Washington, DC 20235

- 04522 National Weather Service and cooperative upper air stations. Silver Spring, MD., July 1973. [12] p.il. oblong 8° +

C 55.102:Up 6/973

- 04523 Operations of National Weather Service, Silver Spring, Md. Nov. 1974. xiv+255 p.il. 4° + ●Item 278-B

C 55.111:974

- 04524 Programs & accomplishments, Systems Development Office, fiscal year 1973. Oct. 1973. iv+39 p.il. 4° #

C 55.102:Sy 8/973

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

- 04525 Engineered performance standards, public works maintenance, machine shop machine repair, EPS handbook. Nov. 1966. [Published 1974.] iv+205 p.il. 4° (NAVFAC P-707.0.) [Includes change 1, Sept. 1969. Title on cover: Machine shop, machine repairs handbook, engineered performance standards, public works maintenance.] # ●Item 418-A

D 209.14:M 18/966

- 04526 Regional master plan Barrow region, Alaska [with bibliography]. May 1973. [252] p.il. 4° [Prepared by John Graham and Co., for Barrow Intergovernmental Coordinating Committee. Some illustrations are colored.] #

D 209.2:B 27

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

- 04527 American ephemeris and nautical almanac, [calendar] year 1976. 1974. viii+574 p.il. large 8° [Prepared jointly by H. M. Nautical Office, Royal Greenwich Observatory and Nautical Almanac Office, U. S. Naval Observatory. Printed separately in United States and United Kingdom.] \* Cloth, \$10.35 (S/N 0854-0047). ●Item 394

D 213.8:976

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

- 04528 Organizational functioning, concepts training, manual for Navy human resource management specialists [with annotated list of references]. [Dec. 1974.] cover title, ii+115 p.il. 4° ([Research and Evaluation Division.] NAVPERS 15265) + ●Item 403-A



# GOVERNMENT PUBLICATIONS

D 208.6/3:Or 3/2

- 04529 Procurement problems, challenge for procurement research; [edited by Melvin B. Kline, Peter DeMayo, and Edward A. Zabrycki]. cover title, leaves ii+302 p.il. 4° (Naval Postgraduate School, Monterey, Calif.) [Proceedings of second DoD Procurement Research Symposium, May 1-3 1973.] #

D 208.14/6:P 94

## NAVAL RESEARCH OFFICE, Defense Dept. Arlington, VA 22217

### NRL report. (Naval Research Laboratory.)

- 04530 7621. GRASS: digital-computer ray-tracing and transmission-loss-prediction system, v.1. Overall description [with list of references; by] John J. Cornyn. Dec. 21, 1973 [published 1974]. cover title, vi+67 p.il. 4° [NRL problem S01-64B; RF 52-552-405-6221.] § (Price upon application, AD 781230).  
D 210.8:7621
- 04531 7775. Filter and film method of measuring temperature of hot, dense, low-Z plasma from its quantum bremsstrahlung [with list of references; by] Kent A. Gerber and B. Grant Logan. July 23, 1974. cover title, iii+18 p.il. 4° [NRL problem H02-28B; RR011-09-41/4912.] § (Price upon application, AD 785842).  
D 210.8:7775
- 04532 7779. Comparison of cube-textured-nickel and nickel-200 magnetostrictive ring transducer [with list of references; by] Joel A. Sinsky. Aug. 12, 1974. cover title, iii+29 p.il. 4° [NRL problem S02-19, XF 11-121-100, task 1-01-01.] § (Price upon application, AD 785012).  
D 210.8:7779
- 04533 7826. Computer analysis of conformal phased arrays [with list of references; by] J. K. Hsiao and J. B. L. Rao. Nov. 15, 1974. cover title, iii+38 p.il. 4° [NRL problem R02-24; project WF 099-05-020.] § (Price upon application, AD A002732)  
D 210.8:7826

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

- 04534 U.S. Navy diving operations, handbook. Apr. 1, 1974. [2]+198 p.il. oblong 8° (NAVSHIPS 0994-009-6010.) [Prepared by Ocean Systems, Inc., under contract N00600-69-D-0941. Issued in ring binder. Includes colored rotary selector charts and calculators. Issued as addendum to U.S. Navy Diving Manual (NAVSHIPS 0994-001-9010), Mar. 1, 1970.] \*Paper, \$35.95 (S/N 0846-00073). ●Item 412-B  
D 211.6/2:D 64/970/add.

## NAVAL WEATHER SERVICE COMMAND, Defense Dept. Washington, DC 20390

- 04535 Guide to standard weather summaries and climatic services, Jan. 1973, Change 1. Jan. 1, 1974. [1974.] [102] p. 4° (NAVAIR 50-IC-534 CH-1, NWSERD, Asheville, N.C.) [Issued with perforations.] #  
D 220.8:W 37/973/ch. 1
- 04536 Northeast Pacific environmental scenario [with list of references]; June 1974. vi+263 p.il. 4° (Naval Weather Service Environmental Detachment, Asheville, N.C.) #  
D 220.2:P 11
- 04537 Project Stormfury, annual report, 1970 [with list of references]. Miami, Fla. May 1971. [173] p.il. 4° [Issued jointly by Naval Weather Service Command, Navy Dept., and National Oceanic and Atmospheric Administration, Commerce Dept.] +  
D 220.9:970

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MARCH 1975

- 04538 South Indian tropical cyclone vector mean charts [with list of references]; by Harold L. Crutcher and Murray L. Nicodemus. [Nov. 1973.] vi+10+[51] p.il. 4° #

D 220.2:C 99/4

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

Naval Weapons Center, China Lake, Calif. NWC technical publication TP (series).

- 04539 5542. Project Foggy Cloud 5, Panama Canal warm fog dispersal program [with list of references]; by R. S. Clark [and others]. Dec. 1973. cover title, [2]+90 p.il. 4° [AirTask A370-05F0/216C/IW3712-0000.] #

D 201.23:5542

**OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION,  
Labor Dept. Washington, DC 20210**

- 04540 Occupational safety and health: v.1, General industry standards and interpretations, Change 5. June 2, 1974. [100] p. 4° (OSHA 2077; Subscription Service.) [Issued with perforations.] \* Paper, \$21.00 (basic and supplementary material for indefinite period); add \$5.25 for foreign mailing. ●Item 766-F

L 35.6/3-1:972/ch. 5

**OLDER AMERICANS VOLUNTEER PROGRAMS, ACTION, 806  
Connecticut Ave. NW Washington, DC 20525**

- 04541 Program information statement RSVP retired senior volunteer program, grants for retired senior volunteer programs, older Americans volunteer programs. [1972.] cover title, [1]+25 p. 4° (ACTION Pamphlet no. 4500.3, Feb. 1973.) #

AA 2.2:R 31/2

**PATENT OFFICE, Commerce Dept. Washington, DC 20331**

- 04542 Commissioner of Patents annual report, fiscal year 1974. [1974.] [3]+28 p. \* Paper, 55c. ●Item 251

C 21.1/2:974

- 04543 Manual of classification, Apr. and July 1974 [replacement pages incorporating changes directed to be made subsequent to Jan. 1, 1974 and prior to Mar. 30, 1974]. [1974.] [218] p. 4° [Includes list of replacement pages. Issued with perforations.] \* Paper, \$44.00 (basic and supplementary material for indefinite period); add \$11.00 for foreign mailing. ●Item 258

C 21.12:972-73/current pages

- 04544 Technology assessment and forecast, 4th report, Jan. 1975, review of patent ownership. [1975.] [1]+143 p. 4° + ●Item 256-B

C 21.24:T 22/975

**PESTICIDES PROGRAMS OFFICE, Environmental Protection Agency  
Chamblee, GA 30341**

- 04545 EPA compendium of registered pesticides: v.5, [Disinfectants], supp. 1. July 31, 1974. [59] leaves 4° (Technical Services Division.) [Issued with perforations.] \* Paper, \$17.50 per yr.; add \$4.50 for foreign mailing. ●Item 473-B-3

EP 5.11/5:973/supp. 1

GOVERNMENT PUBLICATIONS

**PRESIDENT OF UNITED STATES** Washington, DC 20500

- 04546 Recreation is for handicapped people. [1974.] [7] p.il. narrow 8° (President's Committee on Employment of the Handicapped.) + President's Committee on Employment of Handicapped, Washington, D.C. 20210 ●Item 766-C

PrEx 1.10:R 24

- 04547 Report of Task Force on Appliance Warranties and Service. Jan. 8, 1969. cover title, iii+217 p.il. 4° [Prepared by Federal Trade Commission, Department of Commerce, Department of Labor, Special Assistant to President for Consumer Affairs.] #

Pr 36.8:Ap 5/R 29

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

- 04548 Active research grants of Bureau of State Services-Environmental Health, U.S. Public Health Service, active as of June 30, 1965. [1965.] [1]+xiii+199 leaves, 4° [Prepared by Program Analysis and Data Systems Branch, Office of Resource Development, Bureau of State Services, Environmental Health.] + Environmental Protection Agency

HE 20.2:G 76/6

Analytical Reference Service training program. (Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio.)

- 04549 Sample type 3-B. Water, fluoride. Aug. 1961. cover title, xi+76+[6] p. 4° § (Price upon application, PB 215 504).

- 04550 Sample type 5. Water, radiological. June 1959. cover title, [6]+10+[16] p. 4° § (Price upon application).

- 04551 Sample type 7. Water-oxygen demand. July 1960. xi+17+[12] p. 4° § (Price upon application).

- 04552 1. Water trace elements; [with lists of references]. March 1962. vii+31 p. 4° § (Price upon application, PB 218 501).

- 04553 3. Water minerals. Nov. 1961. xi+73+[16] p. 4° § (Price upon application).

- 04554 Chironomid larvae flow chart; [by George H. Paine, jr.]. [1974.] [3]+9 leaves, il. 4° (Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio.) + Environmental Protection Agency

HE 20.2:C 44

- 04555 Collection of radium leak test articles [with bibliographies]. Feb. 1966. [82] leaves il. 4° [Assembled by Radioactive Materials Section, State Assistance Branch, Division of Radiological Health.] + Environmental Protection Agency

HE 20.2:R 11/3

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

- 04556 WP-3. Ultimate disposal of advanced-treatment waste; pt.1, Wet oxidation, pt.2, Incineration [with list of references]; by Louis Koenig. Cincinnati, Ohio, Oct. 1963. ix+78+[2] p.il. (Public Health Service publication 999-WP-3. Advanced waste treatment research publication AWTR-3.) [Submitted in fulfillment of contracts by Louis Koenig-Research, San Antonio, Tex.] + Environmental Protection Agency

- 04557 WP-5. Contaminant removal from sewage plant effluents by foaming [with list of references]; by Eliezer Rubin [and others]. Cincinnati, Ohio, Dec. 1963. vii+56+[2] p.il. (Public Health Service publication 999-WP-5. Advanced waste treatment research

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publications AWTR-5.) [Submitted in fulfillment of contract by Radiation Applications Inc.] + Environmental Protection Agency

HE 20.1011:WP-5

- 04558 WP-10. Ultimate disposal of advanced-treatment waste: pt.1, Injection, pt.2, Placement in underground cavities, pt.3, Spreading. [with list of references]; May 1964. xiii+146+[2] p.il. (Public Health Service publication 999-WP-10. Advanced waste treatment research publication AWTR-8.) [Prepared by Louis Koenig-Research and submitted in fulfillment of contracts.] + Environmental Protection Agency

HE 20.1011:WP-10

- 04559 WP-13. Evaluation of use of activated carbons and chemical regenerants in treatment of waste water [with list of references; by] R. L. Johnson [and others]. May 1964. vii+48+[1] p.il. (Public Health Service publication 999-WP-13. Advanced waste treatment research publications AWTR-11.) [Submitted in fulfillment of contract by Dow Industrial Service.] + Environmental Protection Agency

HE 20.1011:WP-13

- 04560 WP-14. Evaluation of various absorbents and coagulants for waste-water renovation [with bibliographies]; by J. N. Williamson , A. H. Heit and C. Calmon. June 1964. vii+91+[2] p.il. (Public Health Service publication 999-WP-14. Advanced waste treatment research publications AWTR-12.) [Submitted in fulfillment of contract by Ionac Chemical Co.] + Environmental Protection Agency

HE 20.1011:WP-14

- 04561 WP-30. Symposium on streamflow regulation for quality control [with lists of references]. June 1965. cover title, viii+420 p.il. (Technical Services Branch, Basic and Applied Sciences Branch.) + Environmental Protection Agency

HE 20.1011:WP-30

- 04562 WP-32. Biology of Chicago's waterways; by Lowell E. Keup [and others]. Oct. 1965. [2]+20 p.il. 4° [Accompanied by abstract cards.] + Environmental Protection Agency

HE 20.1011:WP-32

- 04563 WP-39. Water pesticides no. 1, study no. 24, report of study conducted by Analytical Reference Service [with list of references; by] Raymond J. Lishka . 1966. xi+[1]+64+[1] p.il. (Public Health Service publication no. 999-WP-39.) + Environmental Protection Agency

HE 20.1011:WP-39

- 04564 Greater Lexington area environmental health survey training course report. Apr. 1963. cover title, [1]+85 leaves, il. 4° ([Bureau of States Services, Division of Environmental Engineering, Metropolitan Planning and Development Branch.]) [Report made during training course, Apr. 1-12, 1963, conducted through Metropolitan Planning Training Section, Training Program, Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio in cooperation with City of Lexington-Fayette County Health Department, Kentucky State Health Department.] + Environmental Protection Agency

HE 20.2:L 59

- 04565 Guide class specifications for selected environmental engineering positions in state and local health programs. March 1968. [1]+i+[1]+15 p. 4° (Office of State Merit Systems.) + Environmental Protection Agency

HE 20.8:En 3

- 04566 Location coding for STORET system. March 1964. cover title, [1]+22+[4] p.il. 4° (Division of Water Supply and Pollution Control, Basic Data Branch.) [Issued with perforations.] + Environmental Protection Agency

HE 20.2:St 7/3

- 04567 Manual for preparation and revision of summary reports. Oct. 1959. [19] leaves 4° (Division of Water Supply and Pollution Control, Enforcement Branch.) § (Price upon application).

HE 20.8:Su 6

- 04568 Municipal and industrial water supply and water quality control study, Tallahala Creek watershed, Jones County, Miss. [with bibliography]. Dec. 1965. [136] leaves il. 4° (Region IV, Division of Water Supply

# GOVERNMENT PUBLICATIONS

and Pollution Control, Southeastern Comprehensive Water Pollution Control Project, Atlanta, Ga.) + Environmental Protection Agency.

HE 20.2:T 14

- 04569 One hundred problems in environmental health, collection of promising research problems [with lists of references]; edited by Jack E. McKee [and others]. 1961. xii+185+[1] p. [Grant RG-7263 later redesignated EF-243. Last page left blank for notes.] \$ (Price upon application, PB 214-870).

HE 20.2:H 34

- 04570 Plant facilities and human factors in taste and odor control [with list of references]; by M. B. Ettinger [and] F. M. Middleton. [1957.] [1]+17+[2] leaves il. 4° + Environmental Protection Agency

HE 20.2:P 69/3

- 04571 Preliminary report on Kansas City pollution survey using IR detection techniques; prepared by E. C. Cannard, J. G. Hogan. Oct. 23, 1961. iii+23 leaves, il. 4° [HRB-Singer, Inc., State College, Pa. Title on cover is: Final report on Kansas City pollution survey using IR detection techniques.] \$ (Price upon application, PB-228-694/6).

HE 20.2:K 13/3

- 04572 Procedures manual, Detroit River-Lake Erie project laboratory section [with list of references]. 1965. [48] leaves 4° \$ (Price upon application, PB 215-856.)

HE 20.2:D 48/4

- 04573 Proposed additions to STORET system for handling data from bodies of water and from land. Oct. 1964. [1]+10+[15] x leaves il. 4° (Division of Water Supply and Pollution Control, Basic Data Branch.) + Environmental Protection Agency

HE 20.2:St 7/2

- 04574 Public water supply facilities, emergency preparedness checklist. [1962.] 9 leaves. 4° + Environmental Protection Agency

HE 20.2:P 96/6

- 04575 Radiation exposure in United States, static eliminators; [with list of references]; by James G. Terrill, jr., Samuel C. Ingraham, [and] Dade W. Moeller. Dec. 1953. [30] leaves il. 4° (Radiological Health Branch, Division of Engineering Resources, Bureau of State Services.) + Environmental Protection Agency.

0.2:R 11/2

- 04576 Reconnaissance evaluation, municipal and industrial water supply aspects of proposed Bowman-Haley project, north fork, Grand River, N.D. Aug. 1958, Revised Dec. 1960. [1960.] [1]+18 leaves 4° (Region 6, Kansas City, Mo.) + Environmental Protection Agency.

HE 20.2:B 68

- 04577 Report on water pollution, upper Arkansas River basin. July 1951. cover title, [3]+75 p. 4 pl. 6 maps 4° [Joint report prepared by Colorado State Department of Public Health in cooperation with Colorado Game and Fish Department.] + Environmental Protection Agency

FS 2.2:Ar 4 k/4

- 04578 Surgeon General's conference with state and interstate water pollution control administrators, summary of proceedings, Washington, D.C., Feb. 19-21, 1958 [with bibliography]. [1958.] cover title, vi+14 leaves 4° + Environmental Protection Agency

HE 20.2:W 29/23

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

- 04579 BRH [Bureau of Radiological Health] routine compliance testing for diagnostic X-ray systems. Sept. 1974. [117] p.il. 4° (DHEW publication (FDA) 75-8012.) [Issued with blank card dividers showing titles of parts, and with perforations.] \* Paper, \$5.15. ●Item 498-B-1  
HE 20.4108:D 54

**BRH/DEP (series).**

- 04580 70-30. Study to determine necessity for development of standards for use of selected nonmedical electronic products for commercial and industrial purposes [with list of references; by] Water E. Gundaker, Thomas M. Moore, Steven A. Coppola. Dec. 1970. xi+109+[1] p.il. 4° \$ Paper, \$3.00 (PB 196-448).  
HE 20.4110:70-30

**BRH/DMRE (series).**

- 04581 70-3. Training manual for nuclear medicine technologists; prepared by Guy H. Simmons. Oct. 1970. ix+221+[1] p.il. 4° \$ Paper, \$3.00 (PB 196-441).  
HE 20.4112:70-3

**BRH/ORO (series).**

- 04582 70-7. Evaluation of compatibility and uniformity of State regulations for control of radiation; [by David H. Flora, Lois A. Miller, Barbara H. Steiner]. Nov. 1970. [155] p. 4° \$ Paper, \$3.00 (PB 196-446).  
HE 20.4113:70-7

- 04583 Report of State and local radiological health programs, fiscal year 1973; [by] Lois A. Miller. July, 1974. ix+76+[2] p. 4° (DHEW publication (FDA) 75-8006.) \* Paper, \$1.50 (S/N 1715-00074). ●Item 498-B-2  
HE 20.4102:St 2/973

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

- 04584 Design of small canal structures [with bibliographies]; by A. J. Aisenbrey, jr. [and others]. Denver, Colo., 1974. xxi+435 p.il. 4° ([Water Resources technical publication.]) \* Cloth, \$8.65 (S/N 2403-00084). ●Item 660-B  
I 27.19/2:C 16/974

- 04585 Federal reclamation projects, water and land resource accomplishments, 1973, summary report. [1974.] viii+59 p.il. 4° + ●Item 663-A  
I 27.55:973

**Engineering monographs.**

- 04586 4. Project effect on South Platte River pollution [1947.] [5]+20 leaves il. 4° (Technical Editorial Office, Denver Federal Center, Denver, Colo.) [This is an adaptation of report prepared by C. T. Carnahan.] + Environmental Protection Agency.  
I 27.34:4

- 04587 United Arab Emirates, collection of mountain runoff, construction techniques to augment water supply; [prepared by Ernest L. Pemberton, Erwin T. Scherich, with Arabic translation by Mohammad T. R. Hanbali]. [Dec. 1974.] cover title, [108] p.il. 4° (Engineering and Research Center.) [English and Arabic.] +  
I 27.2:Ar 1/2

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

- 04588 List of materials acceptable for use on systems of REA electrification borrowers, supp.1, Oct. 1974. [1974.] [88] p.il. 4° (REA bulletin 43-5;



## GOVERNMENT PUBLICATIONS

Technical Standards Committees (Electric.) [Issued with perforations.] \* Paper, \$7.20 (basic and supplementary material for indefinite period); add \$1.80 for foreign mailing. ●Item 116-A

A 68.6/2:974/supp.1

- 04589 List of materials acceptable for use on systems of REA electrification borrowers, supp.2, Jan. 1975. [1975.] [106] p.il. 4° (REA bulletin 43-5, Technical Standards Committees (Electric.) [Issued with perforations.] \* Paper \$7.20 (basic and supplementary material for indefinite period); add \$1.80 for foreign mailing. ●Item 116-A

A 68.6/2:974/supp.2

### SAFETY OFFICE, Transportation Dept. Washington, DC 20590

#### Railroad employee accident investigation report.

- 04590 19. Manufacturers Railway, East St. Louis, Ill., Aug. 9, 1973. [Aug. 7, 1974.] [2] p. 4° [Prepared by Railroad Safety Board.] +  
TD 3.110/3:19
- 04591 20. Seaboard Coast Line Railroad Company, Elgin, S.C., May 17, 1973. [Aug. 7, 1974.] [2]  
[2] p. 4° +  
TD 3.110/3:20
- 04592 23. Seaboard Coast Line Railroad, Franklin, Va., Aug. 11, 1973. [Aug. 7, 1974.] [2]  
p. (Prepared by Railroad Safety Board.) +  
TD 3.110/3:23
- 04593 24. Seaboard Coast Line Railroad, Goldsboro, N.C., Mar. 29, 1974. [Aug. 8, 1974.]  
[2] p. 4° +  
TD 3.110/3:24

### SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

- 04594 Decisions and reports, v.44, July 1, 1969-June 30, 1972. [1974.] xvi+949  
p. \* Cloth, \$11.95. (S/N 4600-00096). ●Item 908  
SE 1.11:44
- 04595 Investment advisers act of 1940, as in effect July 1, 1974. [1974.]  
iii+21 p. 4° [Public Law 768-76th Congress [H.R. 10065] as amended  
Dec. 14, 1970, P.L. 91-547 [S.2224].] \* Paper, 80c. (S/N 4600-00098).  
●Item 906

SE 1.5:In 8/2/974

### SELECTIVE SERVICE SYSTEM Washington, DC 20435

- 04596 Perspective on standby Selective Service System. [1974.] cover title,  
8 p. [Contents on p. 2 of cover.] + ●Item 1075  
Y 3.Se 4:2 P 43

### SHIP STRUCTURE COMMITTEE Washington, DC 20226

#### SSC (series). (Coast Guard Headquarters.)

- 04597 246. Theoretical estimates of wave loads on SL-7 container ship in regular and irregular seas [with list of references]; by P. Kaplan, T. P. Sargent and J. Cilmi. 1974. x+62+[2] p.il. 4° [Technical report on Project SR-205 (SL-7-4), Ship computer response to ship structure committee under Dept. of Navy, Naval Ship Engineering Center contract N00024-70-C-5076. Text on p. 2 of cover. One page left blank for notes.] \$ (Price upon application).

Y 3.Sh 6:SSC-246

### SMITHSONIAN INSTITUTION Washington, DC 20560

#### Atoll research bulletin.

- 04598 172-173. Comparative investigations of tropical ecosystems, background for integrated coral reef program; Preliminary checklist of marine benthic plants from Glover's

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# MARCH 1975

Reef, British Honduras [with bibliographies]; by Marie-Helene Sachet editor [and others]. Dec. 15, 1974. [5]+169+[1]+13 p.il. 4° + ●Item 910-C

SI 1.25:172-173

- 04599 174. Natural history of Pearl and Hermes Reef, northwestern Hawaiian Islands [with list of literature cited]; by A. Binion Amerson, jr., Roger C. Clapp, and William O. Wirtz, II. Dec. 31, 1974. [2]+xiv+306 p.il. 4° [Issued with assistance of Bureau of Sport Fisheries and Wildlife, Department of Interior.] + ●Item 910-C

SI 1.25:174

## Smithsonian contributions to botany.

- 04600 17. Partial flora of Society Islands: Ericaceae to Apocynaceae [with list of literature cited; by] Martin Lawrence Grant, F. Raymond Fosberg, and Howard M. Smith. 1974. vii+85 p. 4° \*Paper, \$1.75. ●Item 910-E

SI 1.29:17

- 04601 19. Genus *Thrinax* (Palmae, Coryphoideae) [with list of literature cited; by] Robert W. Read. 1975. iv+98 p.il. 4° \*Paper, \$2.40 ●Item 910-E

SI 1.29:19

## Smithsonian contributions to zoology.

- 04602 180. Clearwing moths of Australia and New Zealand (Lepidoptera: Sesiidae) [with list of literature cited; by] W. Donald Duckworth and Thomas D. Eichlin. 1974. iii+45 p.il. 4° \*Paper, \$1.15. ●Item 910-D

SI 1.27:180

- 04603 Variability of mammals (Izmenchivost' mlekopitayushchikh) [with bibliography; by] A. V. Yablokov. [Revised edition.] 1974. xv+350 p.il. (TT 71-58007.) [Translated from Russian, Nauka Publishers, Moscow, 1966; Academy of Sciences, USSR. Published for Smithsonian Institution and National Science Foundation by Amerind Publishing Co. Pvt. Ltd., New Dehli. Contains copyright material.] \$ Cloth, (Price upon application).

SI 1.2:M 31/2

## SOCIAL SECURITY ADMINISTRATION, Health, Education, and Welfare Dept. Baltimore, MD 21235

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

- 04604 29. Use of medical services by disability beneficiaries, July-Dec. 1971; by Helen C. Chase [and] Robert K. Michel. [Dec. 30, 1974.] 25 p.il. 4° (DHEW publication (SSA) 75-11702.) +

HE 3.28/4:29

## Office of Research and Statistics: Staff paper.

- 04605 19. Self-employment in covered work force [with bibliography]; by Marcia Levy. [Dec. 1974.] vi+65 p.il. 4° (DHEW publication (SSA 75-11853).) [Abstract on p. 2 of cover.] \*Paper, \$1.30 (S/N 1770-00255). ●Item 522-B

HE 3.56:19

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

- 04606 Appraisal of potential outdoor recreational developments in Comanche County, Okla. Aug. 1973. cover title, 71 p.il. 3 maps 4° (Soil Conservation Service, Lawton, Okla.) [Prepared in cooperation with Comanche County Conservation District.] #

A 57.2:C 73/2

- 04607 Big Sandy resource conservation and development project plan. Aug. 1974. [1]+viii+79 p.il. 4° (Soil Conservation Service, Lexington, Ky.) [Prepared in cooperation with Big Sandy Resource Conservation and Development Council and other agencies, under authority of Food and agriculture act of 1962 (PL 87-703). Some illustrations are colored.] #

# GOVERNMENT PUBLICATIONS

A 57.2:B 48/4

- 04608 Soil survey: Adams County, Nebr. [with list of literature cited; by Larry G. Ragon ]. Nov. 1974. cover title, [1]+78 p.il. 48 p. of pl. and maps, 4° [Prepared in cooperation with University of Nebraska, Conservation and Survey Division. Text on p. 2 of cover. One map is colored.] + (Information incorrect in publication as to sale by Superintendent of Documents.) ●Item 102 (Rev. 1957)

L.C. card 75-602001

A 57.38:Ad 1/6

- 04609 Soil survey: Boone County, Ind. [with list of literature cited; by Karl H. Langlois , jr.]. Feb. 1975. cover title, [1]+56 p.il. 65 p. of pl. and maps, 4° [Prepared in cooperation with Purdue University Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] + ●Item 102 (Rev. 1957)

L.C. card 75-602275

A 57.38:B 64/3

- 04610 Soil survey: Butler County, Kans. [with list of literature cited; by Harold L. Penner and others]. Jan. 1975. cover title, [1]+60 p.il. 82 p. of pl. and maps, 4° [Prepared in cooperation with Kansas Agricultural Experiment Station.] + ●Item 102 (Rev. 1957)

L.C. card 75-602276

A 57.38:B 97

- 04611 Soil survey: Castle Rock Area, Colo. [with list of literature cited; by Lynn S. Larsen ]. Nov. 1974. cover title, [1]+124 p.il. 7 pl. 60 p. of pl. and maps, 4° [Prepared in cooperation with Colorado Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] + ●Item 102 (Rev. 1957)

L.C. card 75-600998

A 57.38:C 27/3

- 04612 Soil survey: Charles County, Md.; [with list of literature cited]; by Richard L. Hall and Earle D. Matthews]. July, 1974. cover title, [1]+94 p.il. 48 p. of pl. and maps, 4° [Prepared in cooperation with Maryland Agricultural Experiment Station. Text on p. 2 of cover. One colored map in pocket.] + (Information incorrect in publication as to sale by Superintendent of Documents.) ●Item 102 (Rev. 1957)

L.C. card 74-602518

A 57.38:C 38/4

- 04613 Soil survey: Fallon-Fernley area, Nev., parts of Churchill, Lyon, Storey, and Washoe counties [with list of literature cited; by William E. Dollarhide ]. Jan. 1975. cover title, [1]+112 p.il. 111 p. of pl. and maps, 4° [Prepared in cooperation with University of Nevada Agricultural Experiment Station and Department of Interior, Bureau of Indian Affairs.] + ●Item 102 (Rev. 1957)

A 57.38:F 19

- 04614 Soil survey: Harrison County, Ind. [with list of literature cited] by John M. Robbins , jr.]. Feb. 1975. cover title, [1]+78 p.il. 50 p. of pl. and maps, 4° [Prepared in cooperation with Purdue University Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] + ●Item 102 (Rev. 1957)

L.C. card 75-602277

A 57.38:H 24/2

- 04615 Soil survey: Lafayette County, Mo. [with list of literature cited; by Allan H. Jeffrey ]. Feb. 1975. cover title, [1]+67 p.il. 59 p. of pl. and maps, 4° [Prepared in cooperation with Missouri Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] + ●Item 102 (Rev. 1957)

L.C. card 75-602278

A 57.38:L 13

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# MARCH 1975

- 04616 Soil survey: Laurens and Union Counties, S.C. [with list of literature cited; by Wallace J. Camp , J. C. Meetze, and W. H. Fleming.] Feb. 1975. cover title, [1]+65 p.il. 105 p. of pl. and maps, 4° [Prepared in cooperation with South Carolina Agricultural Experiment Station, and South Carolina Land Resources Conservation Commission. Text on p. 2 of cover. One colored map in pocket.] +  
●Item 102 (Rev. 1957)  
L.C. card 75-602279 A 57.38:L 37
- 04617 Soil survey: Phillips County, Ark. [with list of literature cited; by Jerry L. Hogan and James L. Gray]. Nov. 1974. cover title, i+78 p.il. 69 p. of pl. and maps, 4° [Prepared in cooperation with Forest Service and Arkansas Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] + (Information incorrect in publication as to sale by Superintendent of Documents). ●Item 102 (Rev. 1957)  
L.C. card 75-600791 A 57.38:P 54/2
- 04618 Soil survey: Pitt County, N.C. [with list of literature cited; by Edwin H. Karnowski and others]. Nov. 1974. cover title, i+73 p.il. 91 p. of pl. and maps, 4° [Prepared in cooperation with North Carolina Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] + (Information incorrect in publication as to sale by Superintendent of Documents). ●Item 102 (Rev. 1957)  
L.C. card 75-602280 A 57.38:P 68/2
- 04619 Soil survey: Richardson County, Nebr. [with list of literature cited; by Howard E. Sautter , and Arthur D. Kuhl]. Feb. 1975. cover title, [1]+72 p.il. 49 p. of pl. and maps, 4° [Prepared in cooperation with University of Nebraska, Conservation and Survey Division.] + ●Item 102 (Rev. 1957)  
L.C. card 75-602003 A 57.38:R 39
- 04620 Soil survey: Tucumcari area, N. Mex., northern Quay County [with list of literature cited] by W. James Ross and Douglas S. Pease]. [Nov. 1974.] cover title, [1]+94 p. 101 p. of pl. and maps, 4° [Prepared in cooperation with New Mexico Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] + ●Item 102 (Rev. 1957)  
L.C. card 75-601293 A 57.38:T 79/3
- 04621 Soil survey: Vigo County, Ind. [with list of literature cited; by Robert H. Montgomery ]. Nov. 1974. cover title, [1]+121 p.il. 40 p. of pl. and maps, 4° [Prepared in cooperation with Purdue University Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] + (Information incorrect in publication as to sale by Superintendent of Documents). ●Item 102 (Rev. 1957)  
A 57.38:V 68
- 04622 Soil survey: Ward County, Tex. [with list of literature cited; by William H. Dittmore , jr., and Ervin L. Blum]. Jan. 1975. cover title, [1]+50 p.il. 52 p. of pl. and maps, 4° [Prepared in cooperation with Texas Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] + ●Item 102 (Rev. 1957)  
L.C. card 75-601988 A 57.38:W 21
- 04623 Soil survey: Wayne County, Nebr. [with list of literature cited; by Donald E. Kerl ]. Feb. 1975. cover title, 1+61 p.il. 39 p. of pl. and maps, 4° [Prepared in cooperation with University of Nebraska Conservation and Survey Division.] + ●Item 102 (Rev. 1957)  
L.C. card 75-601042 A 57.38:W 36/3

# GOVERNMENT PUBLICATIONS

- 04624 Soil survey: Webster County, Iowa. [with list of literature cited; by Maynard P. Koppen ]. Mar. 1975. cover title, [i]+121 p.il. 104 p. of pl. and maps, 4° [Prepared in cooperation with Iowa Agriculture and Home Economics Experiment Station, Cooperative Extension Service, Iowa State University and Department of Soil Conservation, Iowa.] + ●Item 102 (Rev. 1957)  
L.C. card 75-602281 A 57.38:W 39/2

- 04625 Watershed work plan Wickenburg watershed, Maricopa and Yavapai Counties, Ariz. Dec. 1974. [8]+iii+70 p.il. 13 pl. 4° [Prepared under authority of Watershed protection and flood protection act (Public law 566, 83d Congress, 68 Stat. 666), as amended, and in cooperation with Flood Control District of Maricopa County, Triangle Natural Resource Conservation District, Wickenburg Natural Resource Conservation District, Yavapai County Board of Supervisors and Town of Wickenburg.] #  
A 57.2:W 63

- 04626 West Virginia resources, conserving soil and water sustains quality of life. Nov. 1974. cover title, [16] p.il. 4° (Soil Conservation Service, Morgantown, W. Va.) [Text on p. 2-3 of cover.] + ●Item 120  
A 57.2:W 52 v/2

## SPECIAL ACTION OFFICE FOR DRUG ABUSE PREVENTION, Executive Office of the President Washington, DC 20506

### Special Action Office monograph series A.

- 04627 2. Vietnam drug user returns, final report, Sept. 1973: [with list of references; Lee N. Robins , principal investigator]. [1974.] [183] p. 4° [Prepared in cooperation with Department of Defense, Department of Labor, National Institute of Mental Health, Veterans Administration. Contract HSM-42-72-75.] \* Paper, \$2.10. ●Item 857-B-3  
L.C. card 74-600015 PrEx 20.9:A/2

## SPECIAL REPRESENTATIVE FOR TRADE NEGOTIATIONS, OFFICE OF, Executive Office of the President Washington, DC 20506

- 04628 Trade policy in Nixon rounds, remarks by Ambassador W. D. Eberle at Rutgers University, New Brunswick, N.J., June 7, 1972. [1972.] 17 p. 4° #  
PrEx 9.9:Eb 3/3

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

- 04629 Bibliography of research publications of Great Lakes Fishery Laboratory, 1928-72. 1974. cover title, [14] p. 4° [Reprinted from Resource Publication 120, Bibliography of research publications of Bureau of Sport Fisheries and Wildlife, 1928-72, edited by Paul H. Eschmeyer and Van T. Harris.] +  
I 49.66a:G 79

## STATE DEPARTMENT Washington, DC 20520

Background notes. ([Office of Media Services, Bureau of Public Affairs.]) [Issued with perforations.] \* Paper, \$23.10 a yr., add \$5.80 for foreign mailing; single copy 30c.

- 04630 Algeria [with reading list]. [Revised Jan. 1975.] Jan. 1975. 6 p.il. 4° ([Publication 7821.]) [Issued with perforations.] ●Item 862-B  
S 1.123:Al 3/975
- 04631 Barbados [with reading list]. [Revised Dec. 1974.] Dec. 1974. 4 p.il. 4° ([Publication 8242.]) ●Item 862-B

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# MARCH 1975

- 04632 Denmark. [with reading list]. [Revised Dec. 1974.] [1975.] 5 p.il. 4° ((Publication 8298.)) S 1.123:B 23/974  
●Item 862-B
- 04633 Ecuador [with reading list]. [Revised Jan. 1975.] Jan. 1975. 6 p.il. 4° ((Publication 7771.)) S 1.123:D 41/974  
[Issued with perforations.] ●Item 862-B
- 04634 Federal Republic of Brazil [with reading list]. [Revised Dec. 1974.] Dec. 1974. 7 p.il. S 1.123:Ec 9/975  
4° ((Publication 7756.)) ●Item 862-B
- 04635 Guinea [with reading list]. [Revised Mar. 1974.] Mar. 1974. 4 p.il. 4° ((Publication 8057.)) S 1.123:B 73/974  
●Item 862-B
- 04636 Jordan [with reading list]. [Revised Dec. 1974.] Dec. 1974. 6 p.il. 4° ((Publication 7956.)) S 1.123:G 94/974  
●Item 862-B
- 04637 Mauritius [with reading list]; [Revised Oct. 1974.] Oct. 1974. 5 p.il. 4° ((Publication S 1.123:J 76/974  
8023.)) ●Item 862-B
- 04638 Pakistan; [with reading list]. [Revised Jan. 1975.] Jan. 1975. 8 p.il. 4° ((Publication 7748.)) S 1.123:M 44/974  
●Item 862-B
- 04639 Republic of Gambia. [Revised Jan. 1975.] Jan. 1975. 4 p.il. 4° ((Publication 8014.)) S 1.123:P 17/975  
●Item 862-B
- 04640 Republic of Panama [with reading list]. [Revised Dec. 1974.] Dec. 1974. 5 p.il. 4° S 1.123:G 14/975  
((Publication 7903.)) ●Item 862-B
- 04641 Communicating in Polish; [by] Bernard Penny and Krystyna T. S 1.123:P 19/974  
Malinowska, edited by Augustus A. Koski. 1974. xiv+260 p.il. oblong  
12° (Foreign Service Institute; [Basic course series].) [Prepared in  
cooperation with Office of Education.] \*Paper, \$3.40 (S/N 4400-  
01539). ●Item 872-A  
L.C. card 74-603248
- 04642 Foreign relations of United States, 1948: v.3, Western Europe. 1974. S 1.114/2:P 75  
xiii+1165 p. ((Publication 8779; Historical Office, Bureau of Public  
Affairs.)) [Also issued as H.doc.381, v.3, 81st Cong., 1st sess.]  
\* Cloth, \$12.90. ●Item 872
- 04643 Foreign relations of United States, 1949: v.9, Far East, China. 1974. S 1.1:948/v.3  
vi+1441 p. ((Publication 8774; Historical Office, Bureau of Public  
Affairs.)) \* Cloth, \$14.75 (S/N 4400-01554). ●Item 872
- Government-supported research on foreign affairs, inventory of  
research projects completed and in progress fy 1974. S 1.1:949/v.9
- 04644 v.5 International relations. Nov. 1974. vii+238 p. 4° (Office of External Research, Bu-  
reau of Intelligence and Research; [Publication 8788].) [Prepared for Subcommittee  
on Foreign Affairs Research of Under Secretaries Committee of National Security  
Council.] \$ (Price upon application). S 1.101/10:974/v.5
- International boundary study. (Geographer [Directorate for Functional  
Research], Bureau of Intelligence and Research.)
- 04645 148. Botswana-Southern Rhodesia. [Dec. 6, 1974.] cover title, [1]+10 p. map, 4° # S 1.119/3:148
- 04646 149. Mauritania-Spanish Sahara. [Jan. 8, 1975.] cover title, [1] + 5 p. map, 4° # S 1.119/3:149
- 04647 150. Mali-Niger. [Jan. 13, 1975.] cover title, [1]+7 p. map, 4° # S 1.119/3:150
- International organization and conference series.
- 04648 119. U.S. positions at 29th U.N. General Assembly. [Feb. 1975.] [3]+23 p. 4° (Bureau  
of Public Affairs, Office of Media Services; Special report 13; [Publication 8800].)  
+ ●Item 882-B



# GOVERNMENT PUBLICATIONS

S 1.70:119

- 04649 International science notes, 33, Jan. 1975. 1975. 14 p. 4° (Bureau of Oceans and International Environmental and Scientific Affairs.) +  
S 1.122:33

Treaties and other international acts series. \*Paper, \$27.00 a yr. (approximately 150 issues), add \$6.75 for foreign mailing; single copies vary in price. (Issues of \$1.00 or more are not furnished as part of the subscription.)

- 04650 7905. Cooperation in field of energy research and development, agreement between United States and Japan, signed Washington, July 15, 1974; [entered into force July 15, 1974]. [1974.] [2] + 15 p. [English and Japanese.] \* Paper, 40c. ●Item 899  
S 9.10:7905
- 04651 7963. Privileges and immunities for American technicians assisting in modernization program of Iranian Armed Forces, agreement between United States and Iran, effected by exchange of notes, signed at Tehran, May 24 and 30, 1973; [entered into force May 30, 1973]. [1975.] [2] + 3 p. [English and Iranian.] \* Paper, 25c. ●Item 899

S 9.10:7963

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

- 04652 Florida agricultural statistics: citrus maturity & yield tests, 1965-55 through 1973-4. [1974.] cover title, [2]+33 p. 4° [Prepared in cooperation with Florida Crop and Livestock Reporting Service, Orlando, Fla.] +

A 92.36:F 66/C 49/965-74

- 04653 Hop stocks, Sept. 1, 1974. Sept. 17, 1974. 1 p. 4° (SpCr 2 (9-74: Crop Reporting Board.)) +

A 92.30:974-2

- 04654 Vegetables, processing, 1974 annual summary, acreage, yield, production, value. Dec. 19, 1974. 23 p. 4° alue. Dec. 19, 1974. 23 p. 4° (Vg 1-2 (74); Crop Reporting Board.) +

A 92.11/10:974

## TARIFF COMMISSION Washington, DC 20436

Note.—See also United States International Trade Commission.

- 04655 Footwear for women, former workers of Shaer Shoe Corp., Manchester, N.H., report to President on investigation TEA-W-252 under sec. 301(c)(2) of Trade expansion act of 1962. Dec. 1974. [2]+ii+8+A-50 p. 4° (TC publication 707.) [Some pages printed as leaves.] +

TC 1.2:F 73/55

- 04656 Tapered roller bearings and certain components thereof from Japan, [notice] AA1921-143. Notice of new investigation and hearing termination of prior investigation and cancellation of hearing. Oct. 24, 1974. 2 p. 4° +

TC 1.2:B 38/5

- 04657 Tariff schedules of United States annotated (1975), for use in classification of imported merchandise for rate of duty and statistical purposes. 1974. [1044] p. 4° (TC publication 706.) [Issued with perforations.] \* Paper, \$31.20 (basic book and supplementary material); add \$7.80 for foreign mailing. ●Item 982-B

TC 1.35/2:975

\*For Sale by Superintendent of Documents  
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#Not Available for Sale or Distribution

MARCH 1975

**TAX COURT Washington, DC 20004**

- 04658 Reports of Tax Court: v. 61, Oct. 1, 1973-March 31, 1974; Ella C. Thomas, reporter. 1974. vii+891 p. \* Cloth, \$10.85 (S/N 2805-00127). ●Item 742

Ju 11.7:61

**TECHNOLOGY TRANSFER, Environmental Protection Agency  
Washington, DC 20460**

EPA Technology Transfer seminar publication.

- 04659 Upgrading lagoons [with lists of references; prepared by D. H. Caldwell, D. S. Parker and W. R. Uhte]. Aug. 1973. iii+43 p.il. 4° [Text on p. 3 of cover.] + ●Item 473-C-1

EP 7.10:L 13

EPA Technology Transfer seminar publication: Upgrading metal-finish-  
ing facilities to reduce pollution.

- 04660 2. Waste treatment [with list of references]. [Revised Jan. 1974.] July 1973. iii+47 p.il. 4° + ●Item 473-C-1

EP 7.10:M 56/no. 2/974

- 04661 Process design manual for suspended solids removal [with lists of references]. Jan. 1975. [278] p.il. 4° (EPA 625/1-75-003a.) [Prepared by Hazen and Sawyer, Engineers. Issued with perforations.] + ●Item 473-C-3

EP 7.8/2:So 4/975

**TELECOMMUNICATIONS POLICY OFFICE, Executive Office of the  
President Washington, DC 20504**

- 04662 Manual of regulations and procedures for radio frequency management [replacement pages]. Revision Jan. 1, 1975. [1975.] [209] p.il. 4° [Issued with perforations.] \* Paper, \$23.65 (basic and supplementary material for indefinite period); add \$5.95 for foreign mailing. ●Item 857-M-1

PrEx 18.8:R 11/rev. pages/975

**TENNESSEE VALLEY AUTHORITY Washington, DC 20444**

- 04663 Census of agriculture, 1969, Tennessee Valley counties. Aug. 1973. [17]+480 p. 4° (National Fertilizer Development Center.) [Issued with dividers.] #

Y 3.T 25:2 T 25/31/969

Circular.

- 04664 Z-45. Introduction and use of TVA nitric phosphates; [prepared by H. J. Aune ]. May 1974. [4]+16+[17] p.il. 4° (Division of Agricultural Development, Test and Demonstration Branch.) +

Y 3.T 25:4-2/Z-45

Fish inventory data.

- 04665 Chatuge Reservoir, 1973; [prepared by Tommy L. Sheddan ]. July 1974. cover title, 3+[9] p.il. 4° (Division of Forestry, Fisheries, and Wildlife Development, Norris, Tenn.) [Text on p. 2 of cover.] #

Y 3.T 25:40 C 39

- 04666 Fishery and bottom fauna conditions in Bear Creek, Ala., before stream modification; [prepared by Clovis O. Taylor and Gordon E. Hall]. Nov. 1974. cover title, 9+[15] p.il. 4° (Fisheries and Waterfowl Resources Branch, Norris, Tenn.) +

Y 3.T 25:2 F 53/10

§For Sale by National Technical Information Service,  
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### National Fertilizer Development Center: Bulletin.

- 04667 Y-69. Soybean production, marketing and use [with lists of references]. [Mar. 1974.] cover title, 187 p.il. 4° [Sponsored by Tennessee Valley Authority, American Soybean Assoc., National Soybean Crop Improvement Council, Land-Grant Universities of Seven Valley States.] +  
Y 3.T 25:3-2/Y-69
- 04668 Y-75. Expansion of fertilizer industry in Philippines [with list of references; by F. P. Achorn and T. P. Hignett]. [May 1974.] cover title, 48 p.il. 4° +  
Y 3.T 25:3-2/Y-75
- 04669 Y-76. Review & analysis of fertilizer situation in Latin America [with bibliography; prepared by John T. Shields, Owen W. Livingston, and E. A. Harre]. [June 1974.] cover title, 99 p.il. 4° +  
Y 3.T 25:3-2/Y-76
- 04670 Y-78. TVA fertilizer conference, Louisville, Ky., July 31-Aug. 1, 1974 [with bibliographies]. [Aug. 1974.] 95 p.il. 4° +  
Y 3.T 25:3-2/Y-78
- 04671 Y-80. Methods of biological recycling of nutrients from livestock waste, literature review and systems analysis; prepared by Ronald A. Stanley. Aug. 1974. iii leaves+45 p. 4° [Prepared in cooperation with Agricultural Resource Development Branch.] +  
Y 3.T 25:3-2/Y-80
- 04672 Y-81. New developments in fertilizer technology, 10th demonstration, Oct. 1-2, 1974, Muscle Shoals, Ala. [with list of references]. [Oct. 1974.] cover title, 72 p.il. 4° +  
Y 3.T 25:3-2/Y-81
- 04673 Operations of municipal and cooperative distributors of TVA power, 1974. [1975.] cover title, 63 p.il. 4° [Map is colored.] +  
Y 3.T 25:1-3/974

### Water Control Planning Division: Report.

- 04674 Floods on Pit Creek in Hollywood, Ala. July 1974. [1]+4 p.il. 3 pl. 4° ([Hydraulic Data Branch.]) +  
Y 3.T 25:38/A1 b
- 04675 0-1851-37. Operation of TVA reservoirs, with reservoir elevation and storage volume tables, turbine and gate discharge tables, reservoir elevation charts, Jan.-Dec. 1973. June 1974. [9]+76 p. 108 pl. 4° (River Control Branch.) [Annual report. Map on p. 2 of cover.] #  
Y 3.T 25:38/0-1851-37
- 04676 0-6803. Heat and mass transfer between water surface and atmosphere Norris, Tenn., Apr. 1972. [179] p.il. 4° (Water Resources Research; Engineering Laboratory report 14.) #  
Y 3.T 25:38/0-6803
- 04677 0-7129. Floods of Mar. 1973 in Tennessee River basin. June 1974. [121] p.il. 4° +  
Y 3.T 25:38/0-7129

### TRANSPORTATION DEPARTMENT Washington, DC 20590

- 04678 Index to hazardous materials regulations, title 49, Code of Federal Regulations, pts. 170-180. Oct. 1, 1974 revision. [1975.] cover title, [1]+83 p. (Office of Hazardous Materials.) \* Paper, \$1.15 (S/N 5000-00090). ●Item 982-C-1  
TD 1.2:H 33/974
- 04679 Report of findings, effects of stratospheric pollution by aircraft [with lists of references; by] A. J. Grobecker, S. C. Coroniti and R. H. Cannon, jr. Dec. 1974. cover title, [863] p.il. 4° (Final report; DOT-TST-75-50.) [Prepared by Climatic Impact Assessment Program, Office of Secretary of Transportation.] § (Price upon application). ●Item 982-C-1  
TD 1.2:P 76

### TREASURY DEPARTMENT Washington, DC 20220

- 04680 General revenue sharing, reported uses 1973-74, tabulation and analysis of data from actual use report 4. [with list of other Office of Revenue

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Sharing publications available at Government Printing Office.] [1975.] cover title, ix+48 p. (Office of Revenue Sharing.) [Text on p. 3 of cover.] \* Paper, 85c. (S/N 048-000-00266). ●Item 925  
L.C. card 75-602218

T 1.2:R 32/9/973-74

- 04681 Statement of Charles A. Cooper, Assistant Secretary of Treasury for International Affairs before Subcommittee on Multinational Corporations of Senate Foreign Relations Committee, Washington, D.C., Feb. 20, 1975. [1975.] 15 p. 4° (WS-230.) +

T 1.31:C 78

- 04682 Statement of William E. Simon, Secretary of Treasury, before House Interstate and Foreign Commerce Subcommittee on Energy and Power, Washington, D.C., Feb. 17, 1975. Feb. 18, 1975. 15 p. 4° +

T 1.31:Si 5/2

- 04683 Treasury story. [Dec. 1974.] cover title, [2]+30 p.il. oblong 12° [Text on p. 2-3 of cover.] \* Paper, 90c. ●Item 925

T 1.2:T 71/8

# UNITED STATES INTERNATIONAL TRADE COMMISSION Washington, DC 20436

Note.—See also Tariff Commission.

- 04684 Birch plywood door skins and birch veneer panels, workers and former workers of Allen Quimby Veneer Co., Bingham, Maine, Division of Columbia Plywood Corp., wholly owned subsidiary of Columbia Corp., Portland, Oreg., report to President on investigation TEA-W-259 under sec. 301(c)(2) of Trade expansion act of 1962. Feb. 1975. [2]+ii+9+A-45 p. 4° (ITC publication 719.) +

TC 1.2:B 53

- 04685 Transistors and diodes, workers and former workers of Syracuse, N.Y., and Auburn, N.Y., plants of General Electric Co., report to President on investigation TEA-W-255 under sec. 301(c)(2) of Trade expansion act of 1962. Feb. 1975. [2]+v+11+A82 p.il. 4° (ITC publication 715.) +

TC 1.2:T 68/5

# UNITED STATES POSTAL SERVICE Washington, DC 20260

- 04686 Annual report of Postmaster General, 1973-74. [1974.] cover title, 52 p.il. 4° +

P 1.1:973-74

- 04687 Instructions for mailers, excerpts from chap. 1, Postal service manual. Nov. 29, 1974. [27] p.il. (Publication 8.) [Includes transmittal letter 10. Issued with perforations. Adenda and amendments to chap. 1.] \* Paper, \$7.70 (includes basic manual and changes for an indefinite period; add \$1.95 for foreign mailing. ●Item 838-A

P 1.12/5 a:trans.10

- 04688 International mail, [June 1, 1974.]. [1974.] [438] p.il. (Publication 42.) [Includes transmittal letter 80. Issued with perforations. Items printed in Postal bulletin after Mar. 7, 1974 are effective as published but have not been incorporated in this issue.] \* Paper, \$4.25 (basic book and changes for indefinite period); add \$1.10 for foreign mailing. ●Item 839

P 1.10/5:974

# GOVERNMENT PUBLICATIONS

- 04689 New look at zip code. [Jan. 1975.] [16] p.il. 4° (Publication 69.)  
[Illustrations are colored. Text on p. 3 of cover.] + ●Item 837  
P 1.2:Z 6/4

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

- 04690 Analysis, highlights of study of French travel habits and patterns, v.2. 1974. 13 p. 4° (Office of Research and Analysis.) [Statistics on visitor arrivals to U.S. and market analysis of international travel by residents of foreign countries. Reprinted from Summary and analysis of international travel to U.S., Aug. 1974.] +  
C 47.15/5a: F 88
- 04691 Matching grants program for promoting tourism to United States. Jan. 1975. vi+27+[3] p. [Three pages left blank for notes.] +  
C 47.2:T 64/6
- 04692 Study of French travel habits and patterns: v.1, Results of exploratory study assimilating secondary data and personal interviews with individuals representing organizations of French travel trade. Aug. 1974. iv+43 p.il. 4° (Office of Research and Analysis.) [Conducted by Karol N. Gess, in conjunction with Gaither International Inc.] \* Paper, \$1.10. ●Item 271-A-1  
L.C. card 74-603381 C 47.2:F 88/v.1
- 04693 Tourism landmarks in 1974. Feb. 1975. [6] p. 4° (Office of Research and Analysis.) [At head of title: State days '75.] +  
C 47.2:T 64/7

## VETERANS ADMINISTRATION Washington, DC 20420

### [Information bulletins] IB (series).

- 04694 13-2. Hearing aids selected for issue to veterans, 1975. [1975.] 11 p.il. oblong 24°  
([Supply Service, Department of Medicine and Surgery.]) [Supersedes IB 13-2, 1973.]  
+ ●Item 986-A  
VA 1.22:13-2/975

### VA fact sheet IS (series).

- 04695 1. Federal benefits for veterans and dependents. Jan. 1, 1974. iv+53 p. (Information Service (064).) \* Paper, 60c. ●Item 989-B  
VA 1.34:IS-1/17

### VA pamphlet.

- 04696 05-57. Career field profiles, selected professional and administrative career fields, Dec. 1974. cover title, iv+20 p. 4° + ●Item 988  
VA 1.19:05-57/2
- 04697 20-69-6. Summary of benefits and opportunities for Vietnam era veterans. Revised Dec. 1974. [1975.] 4 p.il. 4° + ●Item 988  
VA 1.19:20-69-6/3
- 04698 20-69-7. Summary of loan guaranty benefits for veterans with service since Jan. 31, 1955. Revised Apr. 1974 [1974.] 4 p.il. 4° + ●Item 988  
VA 1.19:20-69-7/4
- 04699 22-75-1. Educational program (PREP) [Predischarge education program] for service personnel with service since Jan. 31, 1955. Jan. 1975. 2 p.il. 4° + ●Item 988  
VA 1.19:22-75-1
- 04700 26-7. Lenders handbook [guaranty or insurance of loans to veterans], Change 3. Dec. 31, 1974. [87] p. 4° [Issued with perforations.] + ●Item 988  
VA 1.19:26-7/2/ch.3

## WAGE AND HOUR DIVISION, Labor Dept. Washington, DC 20210

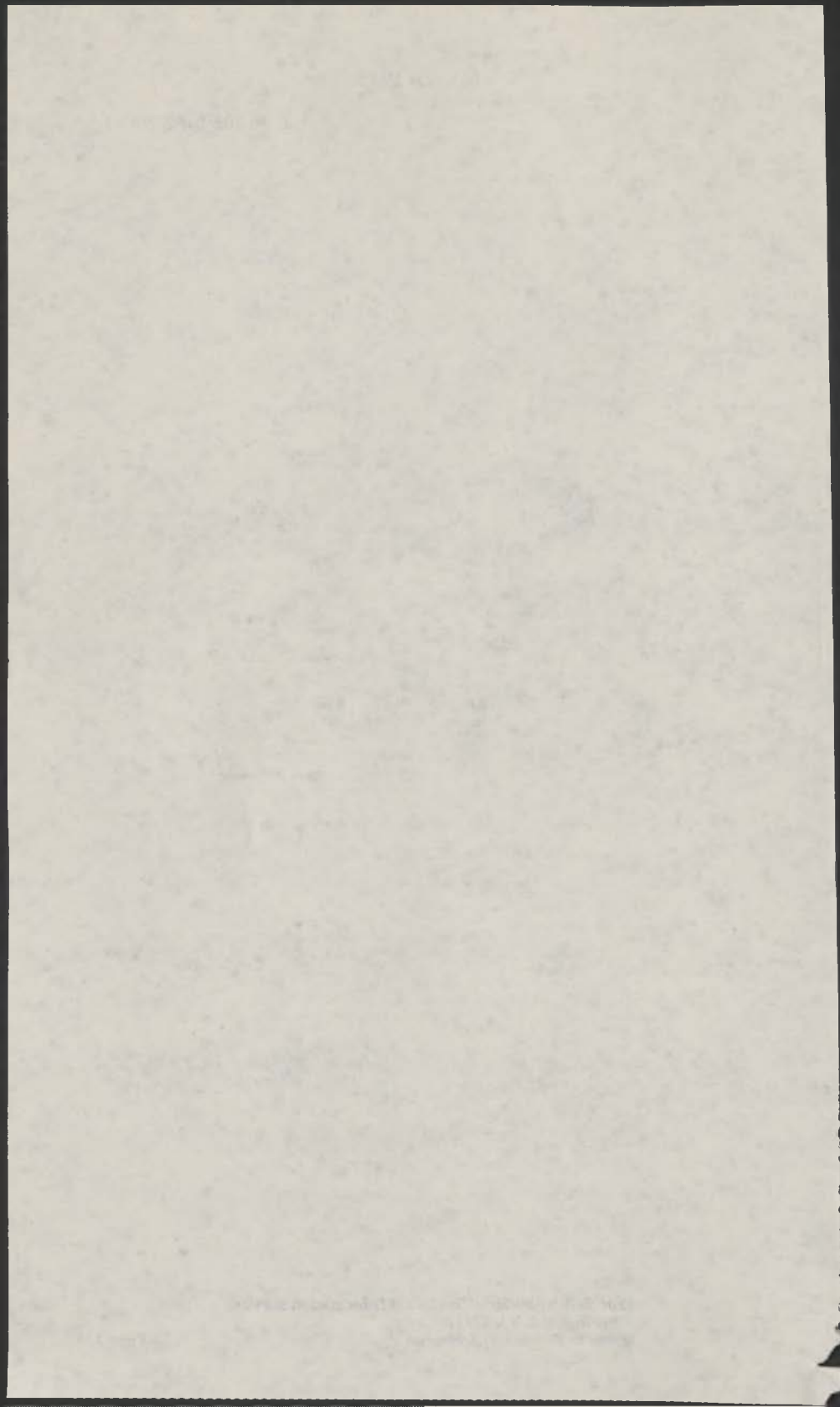
- 04701 Equal pay. Revised June 1974. June 1974. cover title, 16 p.il. (WH publication 1320.) [Text appears on p. 2 of cover.] \* Paper, 45c. (S/N 2916-00017). ●Item 777

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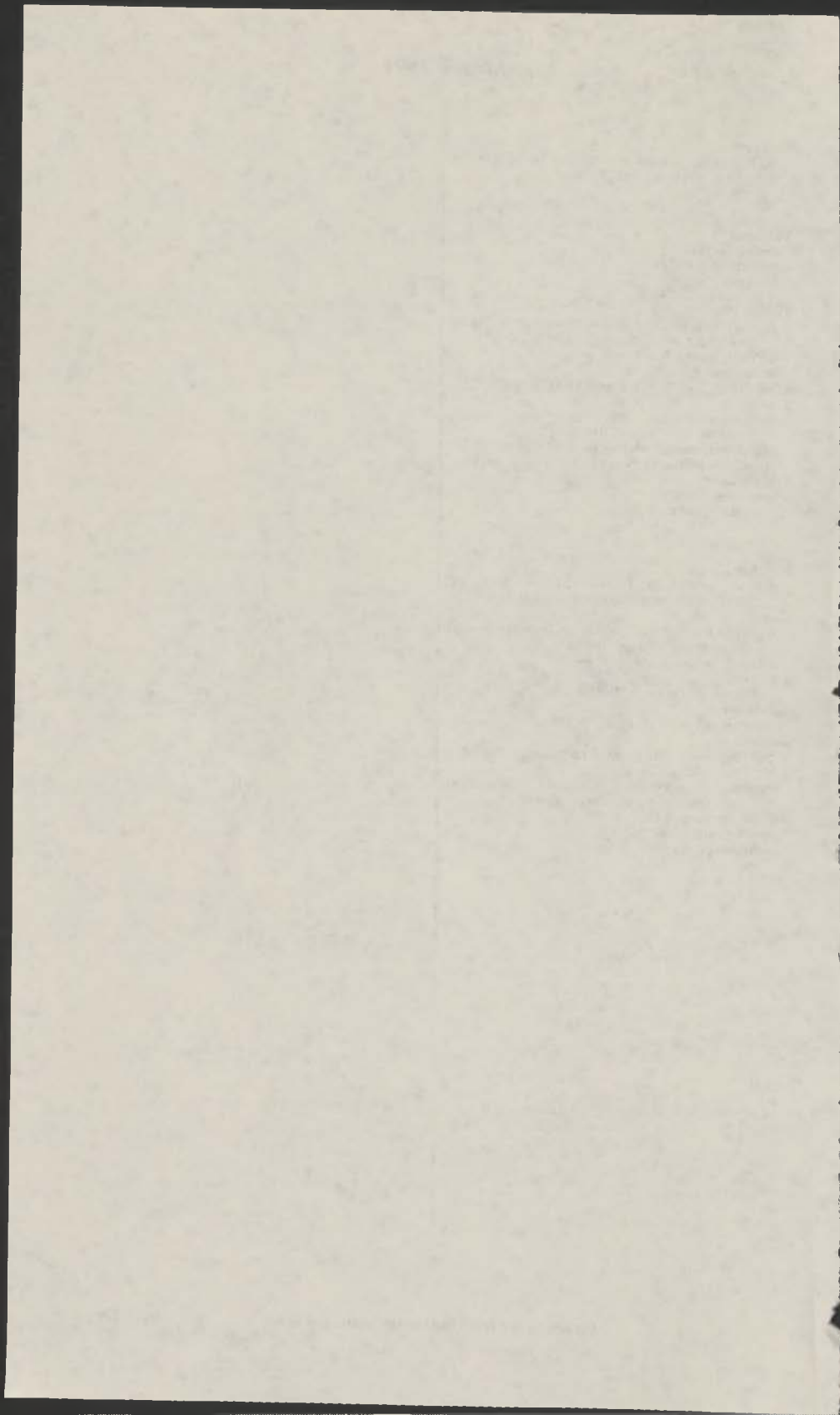
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