

bp 3.8:974/1)

MONTHLY CATALOG

FEB 10 1975

UNITED STATES

GOVERNMENT PUBLICATIONS

NOVEMBER 1974

Entries 10486-11286



OAMGENPUB1506

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MONTHLY CATALOG



OF UNITED STATES
GOVERNMENT PUBLICATIONS

NOVEMBER 1974

Number 958

Entries 10486-11286

Issued by the SUPERINTENDENT OF DOCUMENTS

U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 : 1974

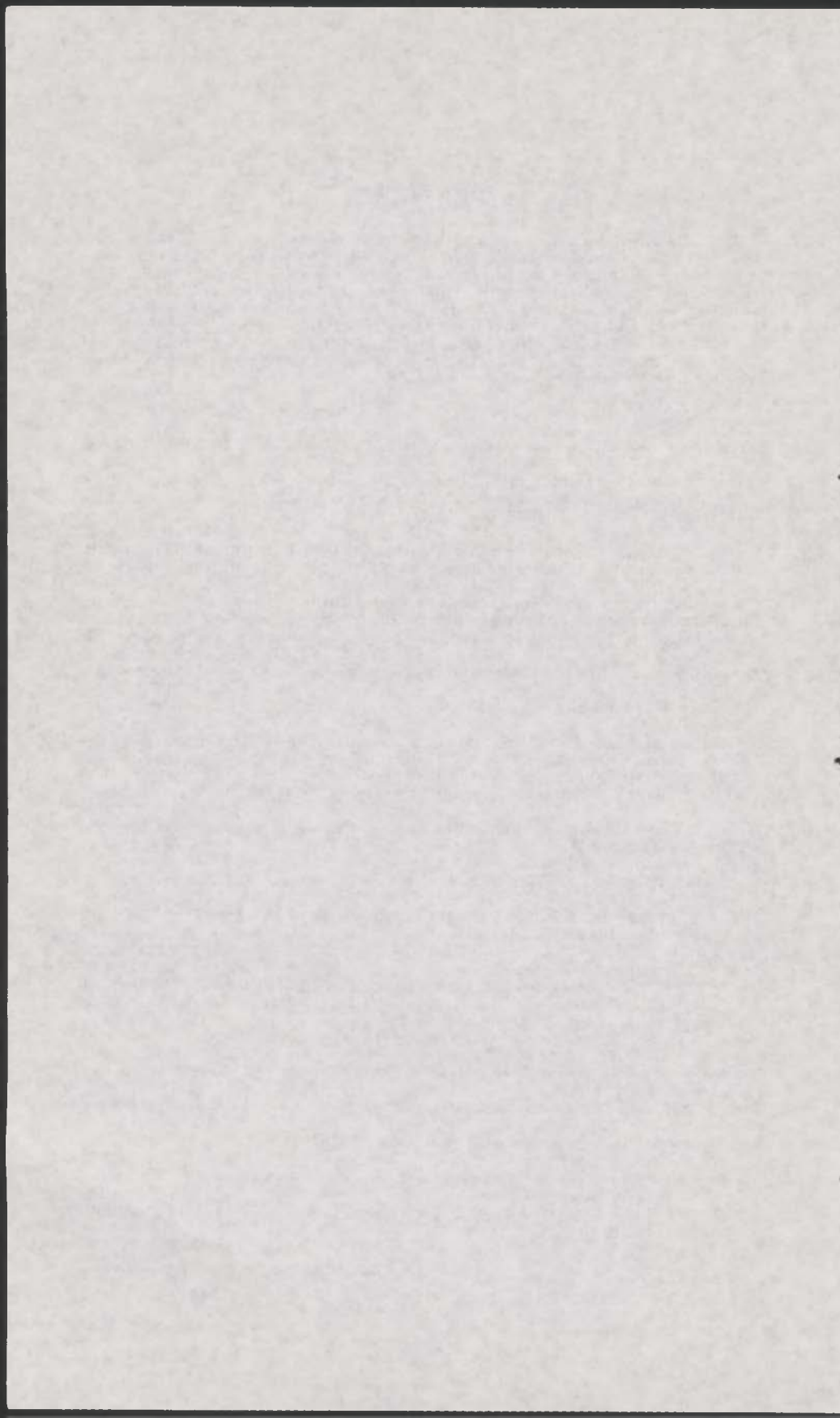
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PREVIEWS

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.

- Area handbook for Japan.** (Army Department. DA Pam. 550-30.) \$7.70. ●
D 101.22: 550-30/3
- Barefoot doctor's manual** [translations of Chinese instructions to certain Chinese health personnel]. (John E. Fogarty International Center for Advanced Study in Health Sciences, DHEW pub. (NIH) 75-695.) \$9.75. ●
HE 20.3708: B 23
- Boxes and bowls: Decorated containers by nineteenth century Haida, Tlingit, Bella Bella and Tsimshian Indian artists.** (Smithsonian Institution.) \$3.95. ●
SI 6.2: B 69
- Continuing library and information science education;** [prepared by Graduate Department of Library Science, Catholic University of America]. (Final report to National Commission on Libraries and Information Science.) \$5.05. ●
Y 3.L 61: Ed 8/2
- Design of small dams.** (Reclamation Bureau. Water resources technical publication.) \$14.25. ●
I 27.19/2: D 18/974
- Disaster diet, pamphlet.** (National Oceanic and Atmospheric Administration.) 25c. ●
C 55.2: D 63/2
- Evaluation of heating loads in old residential structures.** (Housing and Urban Development Department, Office of Assistant Secretary for Policy Development and Research. Report HUD-HAI-7.) \$1.05. ●
HH 1.2: H 35
- EXIMBANK in world marketplace** [annual report 1974]. \$1.75. ●
Y 3.Ex 7/3: 1/974
- Guide to National Archives of United States.** (National Archives and Records Service.) \$12.30. ●
GS 4.6/2: N 21
- History of Indian policy.** (Indian Affairs Bureau.) \$4.25. ●
I 20.2: H 62
- Leaf anatomy and sytematics of new world Velloziaceae.** (Smithsonian Institution.) \$2.20. ●
SI 1.29: 15
- Minority groups in North Vietnam.** (Army Department. DA Pam. 550-110. Ethnographic study series.) \$7.65. ●
D 101.22: 550-110
- Naval actions in American Revolution** [color prints]. (Naval History Division. Navy Department.) \$6.40. ●
D 207.16: R 32
- Perspectives in education of deaf, proceedings of National forum 5, Council of Organizations Serving the Deaf.** (Social and Rehabilitation Service, Rehabilitation Services Administration.) 95c. ●
HIE 17.108: D 34
- Report on planning session on software engineering handbook.** (National Bureau of Standards. Technical note 832.) 70c. ●
C 13.46: 832
- Target population in adult education.** (National Advisory Council on Adult Education.) \$2.35. ●
Y 3.Ed 8/4: 2 P 81
- The typical alcoholic American, poster.** (National Institute of Mental Health.) 5c. ●
HE 20.8121: A1 1
- U.S. industrial 1975 outlook with projections to 1980.** (Commerce Department.) 40c. ●
C 57.18: 975
- Viking mission to Mars.** (National Aeronautics and Space Administration NASA SP-334.) \$1.20. ●
NAS 1.21: 334
- Violence at home, annotated bibliography, compiled and edited by Mary Lystad.** (National Institute of Mental Health. DHEW pub. (ADM) 75-136.) \$1.35. ●
HE 20.8113: V 81



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Abbreviations

add-----	addition, addendum, addenda.	n. d.-----	no date.
Amdt., amds.-----	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.

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

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In addition to the price lists, the Documents Office issues a biweekly 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.

CONGRESSIONAL BILLS, DOCUMENTS, AND REPORTS

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

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

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LIBRARY CLASSIFICATION IN DOCUMENTS OFFICE

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

New Classification Numbers

C 57.17: CT-----	Domestic and International Business Administration. Trade data [various items]. John E. Fogarty International Center for Advanced Study in the Health Sciences.
HE 20.3760: date-----	Statistical reference book of international activities. Center for Disease Control.
HE 20.7011/15: date-----	Salmonella surveillance, annual summary. Housing and Urban Development Department.
HH 1.48: CT-----	Operation Breakthrough, site planner's reports and final reports [various cities].
HH 1.49: date-----	Annual report of HUD activities under the Uniform relocation assistance and real property acquisition policies act of 1970.

Discontinued Series

C 55.11: v.nos.& nos-----	National Oceanic and Atmospheric Administration. Monthly weather review. NOTE.—Discontinued as a sales publication by Public Documents with v. 101 no. 12, Dec. 1973 issue.
FR 1.54: date-----	Federal Reserve System Board of Governors. Maturity distribution of Euro-dollars in foreign branches of U.S. banks (monthly). NOTE.—Discontinued with issue dated Nov. 23, 1973.
I 28.41: date-----	Mines Bureau. Petroleum forecast, forecast of market demand (consumption) for crude oil (monthly). NOTE.—Discontinued with Nov. 1973 issue.

Corrections for Previous Monthly Catalogs

- Feb. 1971. Entry 2497, Report to Congress: Controlling industrial water pollution. Change class to read GA 1.13: W 29/16.
- May 1974. Entry 05563, Index to Woodrow Wilson papers, 1973. Transfer class LC 4.7: W 69/v.1-3 from Entry 05562.
- July 1974. Entry 07097, Census of persons under supervision of Federal probation system, June 20, 1968. Add at end of entry ● Item 729.
- Entry 07324, Energy conservation handbook for light industries and commercial buildings. Add * Paper, 35c, and ● Item 128-A.
- Entry 07496, Summary of Administration recommendations on U.S. taxation of foreign income and foreign persons. Change class to read Y 4.F 49: F 76/13.
- Entry 07508, Establishing Office of Federal Procurement Policy, hearings. Change class to read Y 4.G 74/6: F 31/15.
- Entry 07541, Juvenile justice and delinquency prevention act. S. 3148 and S. 821. Change class to read Y 4.J 89/2: J 98/46.
- Entry 07581, Copyright enactments, laws passed in United States since 1783 relating to copyright. Change distribution to read * Paper, \$2.00.
- Entry 07646, American-Polish trade accords, 1972-73. Add at end of entry ● Item 212-A-1.
- Entry 08163, Annapolis, United States Naval Academy catalog. Add at end of entry ● Item 390-A.

Sept. 1974. Entry 09020, Comptroller General of United States, annual report 1973. At end of entry, change class to read 93-2: H.doc.

— Entry 09033, Investigatory powers of Committee on Judiciary. Change House report no. to read 774.

— Entry 09184, Transportation in rural America. Change distribution to read †.

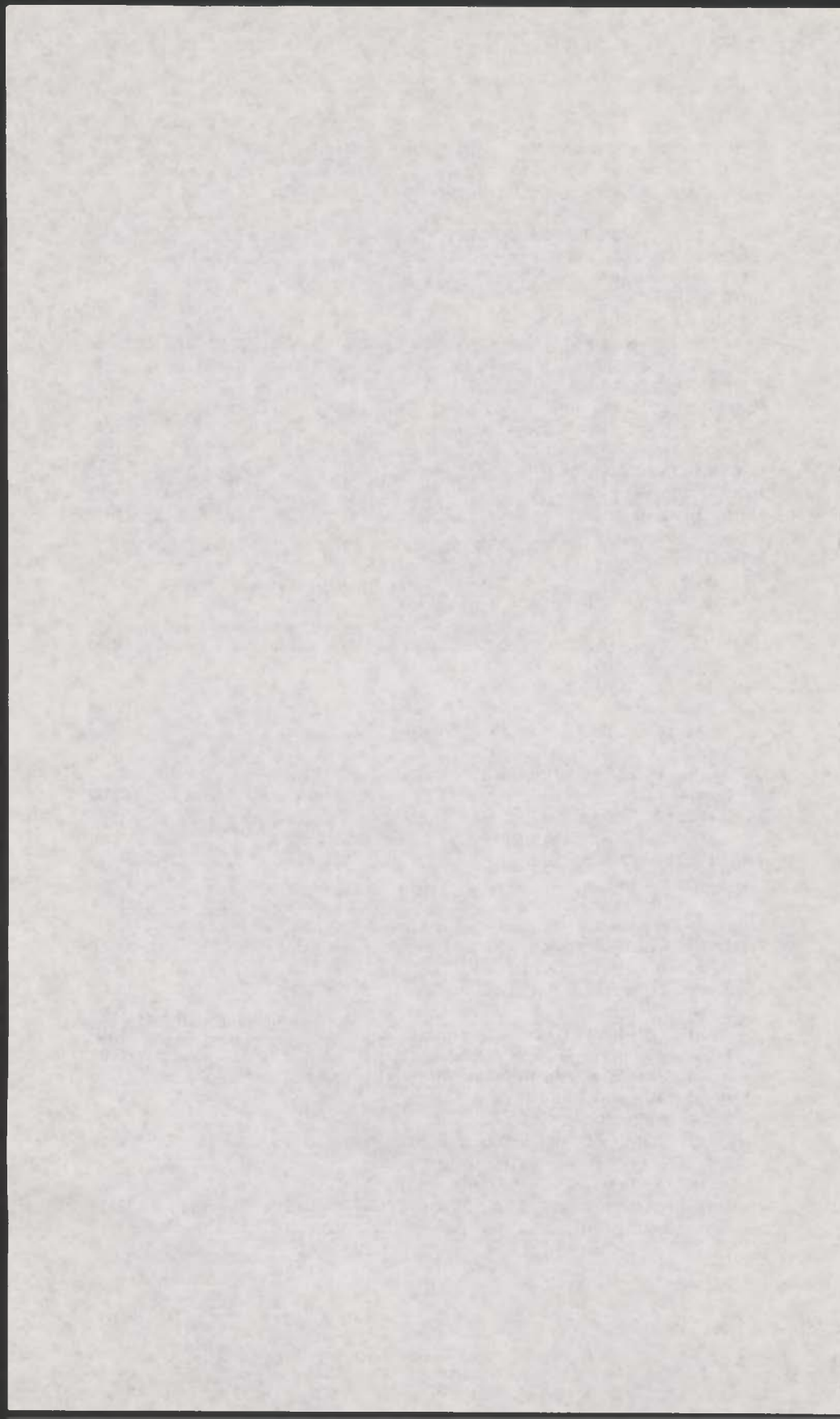
— Page 35, under Joint Publications Research Service, correct the following: 3d entry, People's Republic of China scientific abstracts, add 62535. 6th entry, Translations from Kommunist, delete 62590. 10th entry, Translations on Eastern Europe: Scientific affairs, change 493 to 492, change 62723 to 62703, delete 92739 and 62756, add 62714 and 62726. Delete entire 12th entry, Translations on USSR industrial affairs. Delete entire 13th entry, Translations on USSR trade and services. 27th entry, Translations on USSR trade and services, change 742 to 743, add 62657.

List of Government Authors

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ADVISORY COMMISSION ON INTERGOVERNMENTAL RELATIONS Washington, DC 20575

- 10486 Federalism in 1973, system under stress. Jan. 1974. [3]+19 p. 4° (M-81.)
* Paper, 60c. (S/N 5204-00050). • Item 1049-D
L.C. card 74-602140 Y 3.Ad 9/8: 2 F 31/2/973
Substate regionalism and Federal system.
- 10487 v. 5. Look to the north, Canadian regional experience. Feb. 1974. vii+134 p. 1l. 4°
(Commission report, A-46.) * Paper, \$1.70 (S/N 5204-00051.). • Item
1049-D
L.C. card 74-601568 Y 3.Ad 9/8: 2 R 26/v.5

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

- 10488 Nutrition project information system guide for collecting and reporting
information for Nutrition information system (NIS); prepared by
Booz, Allen Public Administration Service, Inc. Aug. 1973. [5]+37+[12]
p. 1l. 4° [At head of title on cover: National nutrition program for
elderly. SRS contract 73-34. Issued with perforations. Some pages
printed as leaves.] # HE 1.208: N 95
- 10489 Toward declaration of rights and obligations of older Americans, Older
Americans Month 1974. [6] p. narrow 8° ([DHEW publication (OHD)
74-20054.]) + Item 447-A-1 HE 1.202: R 44

AGRICULTURAL MARKETING SERVICE, Agriculture Dept. Washington, DC 20250

- 10490 Cotton varieties planted in early producing sections of Texas, 1974. June 11,
1974. [2] p. 4° (Market News Section, Cotton Division.) +
A 88.11/11: 974

AGRICULTURAL RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

ARS (series).

- 10491 W-13. Leafhopper transmission of western aster yellows agent to potato and
carrot in eastern Washington: [by G. T. Hagel and B. J. Landis].
March, 1974. cover title. [2]+7 p. 1l. 4° (Western Region.) [Prepared
in cooperation with College of Agriculture Research Center, Washing-
ton State University. Text on p. 3 of cover.] + A 77.15: W-13
- 10492 Western Regional Research Center list of publications and patents, July-
Dec. 1973. [1974.] 14 p. 4° (WRRC list 37.) + Western Regional
Research Laboratory, Berkeley, CA 94710 A 77.17/2: 37

AGRICULTURE DEPARTMENT Washington, DC 20250

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

Agriculture information bulletin AIB (series).

- 10493 360. Snow avalanche sites, their identification and evaluation [with reading list;
by M. Martinelli Jr.]. [Feb. 1974.] 27 p. 1l. 4° (Forest Service.) +
• Item 4 A 1.75: 360

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Agriculture information bulletin AIB (series)—Continued

- 10494 363. Science for living, report on progress from agricultural research; prepared by Agricultural Research Service. Jan. 1974. cover title, 68 p. il. 4°
* Paper, \$1.45 (S/N 0100-03177). ● Item 4 A 1.75: 363
- 10495 Blueprint for action, remarks by Robert W. Long, Assistant Secretary of Agriculture, at Seaboard Coast Line Railroad Company Forestry Conference, Jacksonville, Fla., Apr. 18, 1974. [1974.] 9 p. 4° (USDA 1096-74.) + A 1.40: L 85
- Miscellaneous publication.
- 10496 1279. Three-bedroom framehouse. May, 1974. [2] p. il. 4° (Cooperative farm building plan exchange, plan 7199; [Agricultural Research Service].)
* Paper, 25c. (S/N 0100-03206). ● Item 13-A A 1.38: 1279
- Picture story.
- 10497 277. Fuel for America's dairies, it takes more than cows to put milk in the store. Apr. 1974. [6] p. il. 4° (Office of Communication.) + A 1.100: 277
- Statistical bulletin.
- 10498 525. Poultry and egg statistics through 1972. [Feb. 1974.] cover title, vi+61 p. 4° (Economic Research Service.) * Paper, \$1.05 ● Item 15 A 1.34: 525
- 10499 Sugar and tomorrow, speech by Clayton Yeutter, Assistant Secretary of Agriculture for International Affairs and Community Programs, before annual banquet of Sugar Club, New York City, May 16, 1974. [1974.] 7 p. 4° (USDA 1378-74.) + A 1.40: Y 4/2

AIR AND WATER PROGRAMS OFFICE, Environmental Protection Agency, Washington, DC 20460

- 10500 National air quality levels and trends in total suspended particulates and sulfur dioxide determined by data in National Air Surveillance Network. Apr. 1973. [46] p. il. 4° (Office of Air Quality Planning and Standards.) # EP 4.2: Su 5

AIR FORCE DEPARTMENT, Defense Dept. Washington, DC 20330

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

- 10501 73-22. Development and evaluation of optimized video output from wide angle optical probe [with list of references]; by Joe A. Mays, Kenneth M. Irish. Dec. 1973. cover title, [2]+x+133 p. il. 4° (Wright-Patterson Air Force Base, Ohio.) [Brooks Air Force Base, Tex., appears on cover. One illustration is colored.] # D 301.45/27: 73-22
- 10502 74-7. Comparison of task difficulty ratings made by nurses and medical service corpsmen, interim report, July 1-Oct. 1, 1973 [with list of references]; by Barry P. McFarland. Mar. 1974. cover title, [2]+24 p. il. 4° (Lackland Air Force Base, Tex.) [Brooks Air Force Base, Tex., appears on cover.] # D 301.45/27: 74-7

AIR TRAFFIC SERVICE, Transportation Dept. Washington, DC 20553

- 10503 En route IFR peak day charts, fy 1972. Oct. 1972. cover title, ii+82 p. il. oblong large 8° # TD 4.313: 972
- 10504 IFR [instrument flying rules] off-airway routes (non part 95). Nov. 1972. cover title, [1]+20 p. 4° (Flight Services Division.) [Consolidation of off-airway non-95 routes not published in pt. 95, including Nov. 9, 1972 amendment.] # TD 4.302: Ai 7/972
- 10505 Index of standard instrument approach procedures. May 4, 1972. cover title, [1]+96 p. 4° (Flight Services Division.) # TD 4.312: 972
- 10506 Index of standard instrument approach procedures. May 1973. cover title, [1]+113 p. 4° (Flight Services Division.) # TD 4.312: 973

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- 10507 Minimum en route IFR altitudes over particular routes and intersections. Nov. 1972. cover title, [1]+208 p. 4° (Flight Services Division.) [Consolidation of all data in Subparts C and D which were in effect Nov. 9, 1972, Amendment 225 included.] # TD 4.302: A1 7/972

AIRPORTS SERVICE, Transportation Dept. Washington, DC 20553

- 10508 Developments in airport paving criteria; by Phillip L. Melville. [1974.] [38] leaves, il. 4° (Standards Division.) # TD 4.102: P 28

APPALACHIAN REGIONAL COMMISSION, 1666 Connecticut Avenue Washington, DC 20009

- 10509 Appalachian experiment, 1965-70. [1974.] [1]+100 p. il. 4° +
L.C. card 73-601563 Y 3.Ap 4/2: 2 Ap 4/965-70

ARMY DEPARTMENT, Defense Dept. Washington, DC 20310

Pamphlet.

- 10510 608-21. Military tenant in Germany. Jan. 1974. 31 p. il. narrow 8° [Supersedes DA Pam 360-2, Apr. 13, 1973.] + ● Item 372 (Rev. 1969).
D 101.22: 608-21

Technical manual TM (series).

- 10511 5-800-3. Project development brochures: pt. 1, Functional requirements. May 1974. cover title, [55] p. il. 4° [Issued with perforations.] #
D 101.11: 5-800-3
- 10512 5-813-6. Water supply for fire protection, July 2, 1958. Oct. 1965 [published 1974]. cover title, [2]+9+2 p. 4° [Formerly EM 1110-345-228. Reprint including effective pages from Changes 1-3. Issued with perforations.] # ● Item 329 D 101.11: 5-813-6/rep.

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

- 10513 73-47. T 52 and T 55 gas turbine combustor and engine exhaust emission measurements, final report [with list of literature cited]; by Philip M. Rubins [and] Brian W. Doyle. Dec. 1973. xxii+199+[2] p. il. 4° [Task 1G162207AA7102, contract DAAJ02-72-C-0102 prepared by Avco Lycoming Division, Stratford, Conn.] # D 117.8/2: 73-47
- 10514 73-83. Application of interdisciplinary rotary-wing aircraft analysis to prediction of helicopter maneuver loads, final report [with list of literature cited]; by William D. Anderson, F. Conner, A. W. Kerr. Dec. 1973. [1]+xiii+406+[2] p. il. 4° (Lockheed report 25945.) [Project 1F162208AA82, contract DAAJ02-72-C-0100; prepared by Lockheed-California Company, Burbank, Calif.] # D 117.8/2: 73-83
- 10515 74-3 A. Advanced, small, high-temperature-rise combustor program: v. 1, Analytical model derivation and combustor-element rig tests, phases 1 and 2 [with list of literature cited]; by S. C. Hunter [and others]. Feb. 1974. xxxv+528+[2] p. il. 4° [Task 1G162203D14413, contract DAAJ02-70-C-0060; prepared by Air Research Manufacturing Company of Arizona, Phoenix, Arizona.] # D 117.8/2: 74-3 A
- 10516 74-24. Analysis of maneuverability effects on rotor/wing design characteristics, final report [with list of literature cited]; by N. B. Gorenberg, W. P. Harvick. Feb. 1974. [1]+xix+249+[1] p. il. 4° [Project 1X164206D878, contract DAAJ02-70-C-0032; prepared by Lockheed-California, Burbank, Calif.] # D 117.8/2: 74-24

ATOMIC ENERGY COMMISSION Washington, DC 20545

AEC research and development report.

- 10517 AEC-tr-7471. Radiobiology, v. 13, no. 3, [May-June] 1973 [with bibliographies]. [Apr. 1974.] cover title, [1]+a-e+199 p. il. 4° [Translation by Joint Publications Research Service. Text on p. 2 of cover.] @ Paper, \$7.60.
Y 3.At 7: 22/AEC-tr-7471
- 10518 AEC-tr-7499. Radiobiology, v. 13, no. 4, 1973 [with bibliographies]. [Apr. 1974.] cover title, [1]+a-d+209 p. il. 4° [Translation by Joint Publications Research Service. Text on p. 2 of cover.] @ Paper, \$7.60.
Y 3.At 7: 22/AEC-tr-7499

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GOVERNMENT PUBLICATIONS

AEC research and development report—Continued

- 10519 HASL-281. Health and Safety Laboratory, fallout program, quarterly summary report [Dec. 1, 1973-Mar. 1, 1974] appendix. Apr. 1, 1974. cover title, [461] p. il. 4° @ Paper, \$10.60. Y 3.At 7: 22/HASL-281/app.
- 10520 TID-3339-P 1-1. Gas cooled reactor technology, bibliography, pt. 1; [compiled by Jesse W. Rushing]. [Apr. 1974.] cover title, iv + 188 p. 4° @ Paper, \$7.60. Y 3.At 7: 22/TID-3339-P 1-1
- 10521 TID-3339-P 1-2. Gas cooled reactor technology, bibliography, pt. 1, Index; [compiled by Jesse W. Rushing]. [Apr. 1974.] cover title, iv + 22 p. 4° @ Paper, \$4.00. Y 3.At 7: 22/TID-3339-P 1-2
- 10522 TID-3339-P 2-1. Gas cooled reactor technology, bibliography, pt. 2; [compiled by John W. Norris]. [Apr. 1974.] cover title, iv + 368 p. 4° @ Paper, \$10.60. Y 3.At 7: 22/TID-3339-P 2-1
- 10523 TID-3339-P 2-2. Gas cooled reactor technology, bibliography, pt. 2, Index; [compiled by John W. Norris]. [Apr. 1974.] cover title, iv + 106 p. 4° @ Paper, \$5.45. Y 3.At 7: 22/TID-3339-P 2-2
- 10524 TID-26298. Statistical methods in nuclear material control; [by John L. Jaech]. [Dec. 1973.] cover title, x + 402 p. [Prepared for Division of Nuclear Materials Security.] * Paper, \$3.40. ● Item 1051-C L.C. card 73-600241 Y 3.At 7: 22/TID-26298
- 10525 UCRL-Trans-10701. Translations of papers presented at 3d panel on peaceful uses of nuclear explosions organized by International Atomic Energy Agency held in Vienna, Austria, Nov. 27-30, 1972 [with list of references]. [1974.] cover title, iii + 241 p. il. (Translation series; Office of Information Services, Technical Information Center.) @ Paper, \$7.60. Y 3.At 7: 22/UCRL-Trans-10701
- 10526 WASH-1248. Environmental survey of uranium fuel cycle; [with list of references]. Apr. 1974. cover title, [286] p. il. 4° (Fuels and Materials Directorate of Licensing.) * Paper, \$2.85. ● Item 1051-C Y 3.At 7: 22/WASH-1248
- 10527 WASH-1280. Offshore nuclear power siting, deliberations of workshop, Rockville, Md., Oct. 15-17, 1973 [with list of references]. [1974.] cover title, ix + 36 p. 4° [Sponsored by Division of Biomedical and Environmental Research.] * Paper, 85c. ● Item 1051-C Y 3.At 7: 22/WASH-1280
- 10528 WASH-1297. High-level radioactive waste management alternatives [with bibliographies]. May 1974. cover title, viii + 81 + A-10 + B-6 p. il. 4° @ Paper, \$5.45. Y 3.At 7: 22/WASH-1297

AVIATION MEDICINE OFFICE, Transportation Dept. Washington, DC 20553

FAA-AM (series).

- 10529 73-14. Personality and physiological correlates of performance decrement on monotonous task requiring sustained attention [with list of references; by] Richard I. Thackray, Karen N. Jones, Robert M. Touchstone. Dec. 1973. cover title, [5] + 13 + [2] p. il. 4° [Research performed under tasks AM-A-72-PSY-32 and AM-A-73-PSY-32 by FAA Civil Aeromedical Institute, Oklahoma City, Okla.] @ Paper, \$3.00. TD 4.210: 73-14
- 10530 73-21. Physiological responses in air traffic control personnel, Houston Intercontinental Tower; [with list of references; by] C. E. Melton [and others]. Dec. 1973. cover title, [3] + 19 + [2] p. il. 4° [Work was performed under task AM-B-72-PHY-55 by FAA Civil Aeromedical Institute, Oklahoma City, Okla.] @ Paper, \$3.00. TD 4.210: 73-21
- 10531 73-22. Physiological, biochemical, and psychological responses in air traffic control personnel, comparison of 5-day and 2-2-1 shift rotation patterns [with list of references; by] C. E. Melton [and others]. Dec. 1973. cover title, [5] + 16 + [2] p. il. 4° [Work was performed under task AM-B-72-PHY-55 by FAA Civil Aeromedical Institute, Oklahoma City, Okla.] @ Paper, \$3.00. TD 4.210: 73-22
- 10532 73-23. Study of control force limits for female pilots [with list of references; by] Robert C. Leeper, Howard A. Hnsbrook, Jerry L. Purswell. Dec. 1973. cover title, [5] + 30 p. il. 4° [Work performed under task AM-A-72-PHY-58 by FAA Civil Aeromedical Institute, Oklahoma City, Okla.] @ Paper, \$3.00. TD 4.210: 73-23

CENSUS BUREAU, Commerce Dept. Suitland, MD 20233

Census of agriculture, 1939: v. 5, Special reports. ([Agriculture Division.] L.C. card 72-600847

- 10533 pt. 6. Fruit, nuts, berries. Nov. 1973. xx + 369 + 7 p. il. 4° * Paper, \$5.25 (S/N 0324-00247). ● Item 152 C 56.227/2: 969/v.5/pt.6

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- 10534 pt. 10. Horticultural specialties. Oct. 1973. 1v+631+1 p. 4° * Paper, \$7.95
(S/N 0324-00230). ● Item 152 C 56.227/2: 969/v.5/pt.10

Census of transportation, 1972: Truck inventory and use survey, TC 72-T (series). (Transportation Division.)

- 10535 50. Wisconsin. May 1973. [23] p. il. 4° * Paper, 35c. ● Item 160-D
C 56.246/2: TC 72-T 50

Census portrait CP 73--(series).

- 10536 31. New Jersey. Jan. 1974. 4 p. il. 4° + Paper, 10c. C 56.258: 31
10537 32. New Mexico. Jan. 1974. 4 p. il. 4° + Paper, 10c. C 56.258: 32
10538 47. Virginia. Jan. 1974. 4 p. il. 4° + Paper, 10c. C 56.258: 47
10539 51. Wyoming. Jan. 1974. 4 p. il. 4° + Paper, 10c. C 56.258: 51

Current industrial reports. (Industry Division.)

- 10540 MA-34N(72)-1. Heating and cooking equipment, 1972. Nov. 1973. 9 p. 4°
+ Paper, 15c. ● Item 142-A C 56.216: MA-34N(72)-1
10541 M22D(73)-13. Consumption on woolen and worsted systems, summary for
1973. May 1974. 8 p. 4° + Paper, 15c. ● Item 142-A
C 56.216: M22D(73)-13

Current population reports: Series P-26, Federal-State cooperative program for population estimates. * Paper, \$30.50 (Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for a year), add \$7.75 for foreign mailing; single copy prices vary.

- 10542 65. Estimates of population of Rhode Island counties and metropolitan areas.
July 1, 1972 and 1973. Apr. 1974. 4 p. il. 4° * Paper, 25c. ● Item 142-C
C 56.218: P-26/65

Current population reports: Series P-60, Consumer income. ([Population Division.]) * Paper, \$30.50 (Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for a yr.), add \$7.75 for foreign mailing; single copy prices vary.

- 10543 91. Characteristics of low-income population, 1972; [prepared by Renee H. Miller]. Dec. 1973. cover title, ill+153 p. il. 4° * Paper, \$2.65. ● Item 142-C
C 56.218: P-60/91

Research document. (International Statistical Programs Center.)

- 10544 4. Une comparaison entre les totaux de population selon des recensements effectués aux environs de 1970 et des estimations de population pour des pays sélectionnés; [par Peter Gardiner et Ellen Jamison]. Feb. 1974. [2]+12 p. 4° [Traduit de l'anglais par Juliette Haymes]. +
C 56.248: 4/French

- 10545 Statistical mapping and geographic base files of Bureau of Census, [address] presented to 12th Pan American Consultation on Cartography, Pan American Institute of Geography and History, Panama, Panama, 1973; [by] Morton A. Meyer, Chief Geography Division, Bureau of Census, prepared in collaboration with Richard Schweitzer and Jacob Silver. [1974.] cover title, [1]+10+[1]+4 p. il. 6 pl. 4° [Includes abstract of address in English and Spanish. Issued with perforations.] +
C 56.257: M 57/2

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

- 10546 Salmonella surveillance, annual summary, 1972. Nov. 1973. [3]+13+[17]
p. il. 4° + HE 20.7011/15: 972
10547 Tar and nicotine content of cigarettes, Federal Trade Commission, Nov. 1973. [1973.] [2] p. oblong 32" ([DHEW publication (CDC) 74-8703.])
* Paper, 25c. ● Item 504 HE 20.7002: T 17

CIVIL AERONAUTICS BOARD Washington, DC 20428

- 10548 Remarks by Robert D. Timm, Chairman, Civil Aeronautics Board, Financial Times World Air Transport Conference, London, England, May 8, 1974. [1974.] 9 p. 8° +
C 31.215: T 48/11

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CIVIL RIGHTS COMMISSION Washington, DC 20425

- 10549 Counting the forgotten, 1970 census count of persons of Spanish speaking background in United States [with list of selected sources; by Jaime Taronji, jr.]. Apr. 1974. cover title, vii+112 p. 4° CR 1.2: Sp 2/2/970
- 10550 Hearing before Commission on Civil Rights. [1974.] v+612 p. il. [Hearing held in Cairo, Ill., Mar. 23-25, 1972.] * Paper, \$4.25 (S/N 500-00091).
● Item 288-A
L.C. card 74-60f721 CR 1.8: C 12

CIVIL SERVICE COMMISSION Washington, DC 20415

- 10551 Basic management methods and skills, participant printouts for use with instructor guide. [1973.] [183] p. 4° (Bureau of Training, General Management Training Center.) [Issued with perforations.] * Paper, \$2.20 (S/N 0600-00725.). ● Item 296-B CS 1.7/4: M 31/5/print-outs
- 10552 Current Federal workforce data, fiscal years 1970, 1971 and 1972; [prepared by Dona R. Thurston]. Nov. 1973. [2]+48 p. 4° (Bureau of Policies and Standards.) [Text on p. 3 of cover.] + ● Item 291-A
CS 1.72: 970-72
- 10553 Equal employment opportunity act, implications for public employers, trainer's module 1973. [155] p. il. 4° (Bureau of Training, Personnel Management Training Center, EEO Training Institute.) [Issued with perforations.] * Paper, \$2.25 (S/N 0600-00767). ● Item 295
CS 1.2: Eq 2
- 10554 Locating Federal talent for temporary assignments under Intergovernmental personnel act of 1970: [with list of articles and pamphlets on IPA mobility]. Jan. 1974. cover title, 24 p. 4° (Intergovernmental Personnel Programs Bureau.) * Paper, 60c. (S/N 0600-00772). ● Item 295
CS 1.2: T 14/2

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.

- 10555 Effects of pollution abatement on international trade II, second report of Secretary of Commerce to the President and Congress in compliance with sec. 6 of Federal water pollution control act amendments of 1972 (Public law 92-500). Apr. 1974. [4]+59 p. 4° +
C 1.2: P 76/974
- 10556 Industry's vital stake in energy management. [May 1974.] [8] p. il. ([Office of Energy Programs.]) +
C 1.2: In 2/2
- 10557 Productivity, concept and perspective, address by Darrell Trent, Director, Office of Policy Development, Department of Commerce, prepared for delivery before 6th annual conference of American Society for Performance Improvement, San Mateo, Calif., Apr. 24, 1974. 11 p. 4° +
C 1.18: T 72/2

CONGRESS

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

Congressional record, proceedings and debates of 92d Congress, 2d session, v. 118. [Permanent edition.]

- 10558 pt. 4. Feb. 15-22, 1972. 1972. [1]+3839-5110 p. 4° * Cloth, \$14.35. ● Item 993 X.92/2: 118/pt.4
- 10559 pt. 19. July 17-25, 1972. 1972. [1]+23915-25346 p. 4° * Cloth, \$15.55. ● Item 993 X.92/2: 118/pt.19
- 10560 pt. 20. July 26-Aug. 3, 1972. 1972. [1]+25347-26794 p. 4° * Cloth, \$15.70. ● Item 993 X.92/2: 118/pt.20

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Congressional serial set

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House reports:

- 10561 nos. 1051–1284, with exceptions, 90th Congress, 2d session, House miscellaneous reports on public bills I [Serial 12795–1]. • Item 1007–A

Laws

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

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 \$36.00 per session, \$9.00 additional for foreign mailing; single copies vary in price.

- 10562 218. S. 2166, act to authorize disposal of opium from national stockpile. Approved Dec. 28, 1973. 1 p. • Paper, 25c.
- 10563 219. S. 2551, act to authorize disposal of molybdenum from national stockpile, and for other purposes. Approved Dec. 28, 1973. • Paper, 25c.
- 10564 220. S. 2413, act to authorize disposal of aluminum from national stockpile and for other purposes. Approved Dec. 28, 1973. 1 p. • Paper, 25c.
- 10565 221. H.R. 5760, act to provide for striking of medals commemorating International Exposition on Environment at Spokane, Washington, in 1974. Approved Dec. 29, 1973. 1 p. • Paper, 25c.
- 10566 223. H.R. 10806, act to amend District of Columbia minimum wage act so as to enable airline employees to exchange days at regular rates of compensation, and for other purposes. Approved Dec. 29, 1973. 1 p. • Paper, 25c.
- 10567 252. H.J. Res. 905, joint resolution extending filing date of 1974 Joint Economic Committee report. Approved March 16, 1974. 1 p. • Paper, 25c.
- 10568 254. H.R. 5450, act to amend Marine protection, research and sanctuaries act of 1972, in order to implement provisions of convention on prevention of marine pollution by dumping of wastes and other matter, and for other purposes. [Approved Mar. 22, 1974.] 2 p. • Paper, 25c.
- 10569 255. S. 2315, act to amend minimum limits of compensation of Senate committee employees and to amend indicia requirements on franked mail, and for other purposes. Approved Mar. 27, 1974. 1 p. • Paper, 25c.
- 10570 259. S. 2747, act to amend Fair labor standards act of 1938 to increase minimum wage rate under that act, to expand coverage of act, and for other purposes. [Approved Apr. 8, 1974.] 21 p. • Paper, 30c. • Item 575
- 10571 260. S. 2714, act to amend certain provisions of law defining widow and widower under civil service retirement system, and for other purposes. Approved Apr. 9, 1974. 1 p. • Paper, 25c.
- 10572 261. H.J. Res. 941, joint resolution making urgent supplemental appropriations for fiscal year 1974, for Veterans Administration, and for other purposes. Approved Apr. 11, 1974. 1 p. • Paper, 25c.
- 10573 265. S. 969, act relating to constitutional rights of Indians. Approved Apr. 12, 1974. 1 p. • Paper, 25c.
- 10574 267. S. 2441, act to amend act of Feb. 24, 1925, incorporating American War Mothers, to permit certain stepmothers and adoptive mothers to be members of that organization. Approved Apr. 12, 1974. 1 p. • Paper, 25c.
- 10575 268. H.R. 6186, act to amend District of Columbia revenue act of 1947 regarding taxability of dividends received by corporation from insurance companies, banks, and other savings institutions. [Approved Apr. 17, 1974.] 2 p. • Paper, 25c.
- 10576 277. S. 2771, act to amend chapter 5 of title 37, United States code, to revise special pay bonus structure relating to members of armed forces, and for other purposes. [Approved May 10, 1974.] 2 p. • Paper, 25c.
- 10577 278. S. 1047, act to extend Environmental education act for 3 years. Approved May 10, 1974. 1 p. • Paper, 25c.
- 10578 280. H.R. 8101, act to authorize certain Federal agencies to detail personnel and to loan equipment to Bureau of Sport Fisheries and Wildlife, Department of Interior. Approved May 10, 1974. 1 p. • Paper, 25c.
- 10579 281. S. 1115, act to amend Controlled substances act to provide for registration of practitioners conducting narcotic treatment programs. [Approved May 14, 1974.] 2 p. • Paper, 25c.
- 10580 285. H.R. 5525, act to declare that certain mineral interests are held by United States in trust for Chippewa Cree Tribe of Rocky Boy's Reservation, Mont. Approved May 21, 1974. 1 p. • Paper, 25c.
- 10581 286. H.R. 5035, act to amend Public law 90–335 (82 stat. 174) relating to purchase, sale, and exchange of certain lands in Spokane Indian Reservation. Approved May 21, 1974. 1 p. • Paper, 25c.

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Public laws, 93d Congress. ● Item 575—Continued

- 10582 287. S. 3304, act to authorize Secretary of State or such officer as he may designate to conclude agreement with People's Republic of China for indemnification for any loss or damage to objects in exhibition of archeological finds of People's Republic of China while in possession of Government of United States. Approved May 21, 1974. 1 p. * Paper, 25c.
- 10583 290. H.R. 3418, act to amend sec. 505 of title 10, United States Code, to establish uniform original enlistment qualifications for male and female persons. Approved May 24, 1974. 1 p. * Paper, 25c.
- 10584 292. H.R. 5621, act to amend title 10, United States Code, to provide for presentation of flag of United States for deceased members of Ready Reserve and for deceased members of Reserve who die after completing twenty years of service, but before becoming entitled to retired pay. Approved May 28, 1974. 1 p. * Paper, 25c.
- 10585 293. S. 3398, act to amend title 38, United States Code, to increase rates of vocational rehabilitation, educational assistance, and special training allowances paid to eligible veterans and other persons; to make improvements in educational assistance programs; and for other purposes. Approved May 31, 1974. 1 p. * Paper, 25c.
- 10586 297. H.R. 6541, act to authorize Secretary of Interior to convey certain mineral interests of United States to owner or owners of record of certain lands in South Carolina. [Approved June 1, 1974.] 2 p. * Paper, 25c.
- 10587 298. S. 2835, act to rename first Civilian Conservation Corps Center located near Franklin, N.C., and Cross Timbers National Grasslands in Texas in honor of former President Lyndon B. Johnson. Approved June 1, 1974. 1 p. * Paper, 25c.
- 10588 299. H.R. 6542, act to authorize Secretary of Interior to convey certain mineral interests of United States to owner or owners of record of certain lands in State of South Carolina. [Approved June 1, 1974.] 2 p. * Paper, 25c.
- 10589 301. H.R. 10284, act to authorize Secretary of Interior to sell certain rights in Florida. Approved June 1, 1974. 1 p. * Paper, 25c.
- 10590 302. H.R. 12920, act to authorize additional appropriations to carry out Peace Corps act, and for other purposes. Approved June 1, 1974. 1 p. * Paper, 25c.

CONFERENCE COMMITTEE Washington, DC 20515

Summary of differences between Senate version and House version of H.R. 2 to provide for pension reform, prepared for use of House and Senate conferees on H.R. 2.

- 10591 pt. 2. Termination insurance, reporting and disclosure; June 5, 1974. 1974. iii+41 p. 4° (Committee print.) + Y 4.C 76/1: P 38/pt.2
- 10592 pt. 3. Fiduciary and enforcement; June 12, 1974. 1974. iii+37 p. 4° (Committee print.) + Y 4.C 76/1: P 38/pt.3

ECONOMIC JOINT COMMITTEE Washington, DC 20510

- 10593 Committee publications and policies governing their distribution, 87th-93d Congresses, 1961-74; May 3, 1974. 1974. ii+34 p. (Joint committee print, 93d Congress, 2d session.) + ● Item 1000 Y 4.Ec 7: P 96/961-74

HOUSE OF REPRESENTATIVES Washington, DC 20515

House documents

NOTE.—All House documents, entries for which are followed by a +, may be obtained from the House Documents Room or from the issuing office.

House documents, 93d Congress.

- 10594 2. Potomac River basin, Md., Va., W. Va., Pa. and District of Columbia, re-formulation of Sixes Bridges and Verona projects, letter from Secretary of Army transmitting letter from chief of engineers v. 1; Nov. 26, 1973. 1973. ix+281 p. il. 4 pl. 4° [Also issued in departmental edition D 103.22: P 84/5/v. 1, and sent to depositories in that form. See Engineers Corps.] +
- 10595 196. **Resolved:** That Federal Government should control supply and utilization of energy in United States, collection of excerpts and bibliography relating to intercollegiate debate topic, 1973-74, pursuant to Public law 88-246; compiled by Congressional Research Service, 1973. v+477 p. il. * Paper, \$3.20 (To be sent to depository libraries in serial set binding).
- 10596 219. Proposing strengthening drug enforcement efforts, message from the President; Feb. 21, 1974. 1974. [1]+3 p. + ● Item 996
- 10597 223. Report of Clerk of House from July 1-Dec. 31, 1973; Feb. 28, 1974. 1974. vi+423 p. + (To be sent to depository libraries in serial set binding).

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- 10598 228. Proposing supplemental appropriations for fiscal year 1974 for Department of Justice, communication from the President; Mar. 6, 1974. 1974. [1] + p. + ● Item 996
- 10599 229. Proposing supplemental appropriations for fiscal year 1974 for United States Information Agency, communication from the President; Mar. 6, 1974. 1974. [1]+2 p. + ● Item 996
- 10600 234. Proposed supplemental appropriations for fiscal year 1974 for Department of Commerce, communication from the President; Mar. 11, 1974. 1974. [1]+2 p. + ● Item 996
- 10601 235. Proposing supplemental appropriations for fiscal year 1974 for Department of Interior, communication from the President; Mar. 11, 1974. 1974. [1] +2 p. + ● Item 996
- 10602 237. Proposing supplemental appropriations to pay claims and judgments rendered against United States, communication from the President; Mar. 11, 1974. 1974. [1]+12 p. + ● Item 996
- 10603 304. Report from Council of Economic Advisers on American economy, message from President of the United States transmitting report; May 28, 1974. 1974. iv+44 p. 4^o + ● Item 996

House reports

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

House reports on private bills, 93d Congress. + House Document Room, Capitol.

- 10604 837. Giuseppe Ottaviano-Greco. Report from Committee on Judiciary to accompany H.R. 7685. Feb. 28, 1974. 5 p. ● Item 1008-B

House reports on public bills, 93d Congress. + House Document Room, Capitol.

- 10605 553. Amendment to Federal-aid highway act of 1973. Report from Committee on Public Works to accompany H.R. 10511. Oct. 9, 1973. 5 p.
- 10606 564. Providing for consideration of H.R. 10614. Report from Committee on Rules to accompany H. Res. 589. Oct. 10, 1973. 1 p.
- 10607 717. Amendment to CIA retirement act and cost-of-living adjustment to retirement pay of certain officers of Armed Services. Report from Committee on Armed Services to accompany S. 2714. Dec. 12, 1973. 10 p.
- 10608 721. Authorizing release of copper from national stockpile and supplemental stockpile. Report from Committee on Armed Services to accompany S. 2316. Dec. 12, 1973. 7 p.
- 10609 726. Amending sec. 7305, title 10, United States Code, relating to sale of naval vessels stricken from naval vessel register. Report from Committee on Armed Services to accompany S. 1773. Dec. 12, 1973. 7 p.
- 10610 729. FHA insured loans for fire safety equipment in nursing homes and intermediate care facilities. Report from Committee on Banking and Currency to accompany S. 513. Dec. 13, 1973. 3 p.
- 10611 766. Animal health research act. Report together with dissenting views from Committee on Agriculture to accompany H.R. 11873. Jan. 24, 1974. 7 p.
- 10612 775. Providing for consideration of H.R. 10265. Report from Committee on Rules to accompany H. Res. 822. Feb. 5, 1974. 1 p.
- 10613 777. Providing for consideration of H.R. 11873. Report from Committee on Rules to accompany H. Res. 824. Feb. 5, 1974. 1 p.
- 10614 780. Authorizing Secretary of Interior to sell certain rights in State of Florida. Report from Committee on Interior and Insular Affairs to accompany H.R. 377. Feb. 6, 1974. 4 p.
- 10615 785. Authorizing Secretary of Interior to sell certain rights in State of Florida. Report from Committee on Interior and Insular Affairs to accompany H.R. 10284. Feb. 6, 1974. 4 p.
- 10616 791. Minimum pay limits changes of Senate committee employees and indicia requirements amendments for franked mail. Report from Committee on Post Office and Civil Service, to accompany S. 2315. Feb. 7, 1974. 8 p.
- 10617 792. Veterans' education and rehabilitation amendments of 1974. Report from Committee on Veterans' Affairs to accompany H.R. 12628. Feb. 7, 1974. 39 p.
- 10618 802. Providing for consideration of H.R. 12670. Report from Committee on Rules to accompany H. Res. 894. Feb. 20, 1974. 1 p.
- 10619 803. Providing for consideration of S. 1752. Report from Committee on Rules to accompany H. Res. 895. Feb. 20, 1974. 1 p.
- 10620 804. Providing for consideration of H.R. 2. Report from Committee on Rules to accompany H. Res. 896. Feb. 20, 1974. 1 p.
- 10621 812. Supplementary authorization of appropriations for Department of State for fiscal year 1974. Report from Committee on Foreign Affairs to accompany H.R. 12466. Feb. 26, 1974. 7 p. [Corrected print.]
- 10622 846. Providing for further expenses of investigations and studies authorized by H. Res. 185 for Committee on Armed Services. Report from Committee on House Administration to accompany H. Res. 790. Feb. 28, 1974. 4 p.
- 10623 847. Providing funds for further expenses of investigations and studies authorized by House Res. 253. Report from Committee on House Administration to accompany H. Res. 793. Feb. 28, 1974. 5 p.

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House reports on public bills, 93d Congress—Continued

- 10624 848. Providing funds for expenses of investigations and studies by Committee on House Administration. Report from Committee on House Administration to accompany H. Res. 797. Feb. 28, 1974. 4 p. [Corrected print.]
- 10625 850. Providing funds for expenses of investigation and study authorized by House Resolution 72. Report from Committee on House Administration to accompany H. Res. 810. Feb. 28, 1974. 4 p.
- 10626 851. Providing for funds for investigations and studies authorized by H. Res. 180. Report from Committee on House Administration to accompany H. Res. 814. Feb. 28, 1974. 4 p.
- 10627 852. Providing funds for expenses of investigation and study authorized by rule XI(8) and H. Res. 224. Report from Committee on House Administration to accompany H. Res. 846. Feb. 28, 1974. 18 p.
- 10628 853. Providing funds for further expenses of investigations and studies authorized by House Resolution 175. Report from Committee on House Administration to accompany H. Res. 855. Feb. 28, 1974. 12 p.
- 10629 854. Authorizing expenditure of certain funds for expenses of Committee on Internal Security. Report from Committee on House Administration to accompany H. Res. 937. Feb. 28, 1974. 13 p.
- 10630 862. Authorizing printing of Veterans' benefits calculator. Report from Committee on House Administration to accompany H. Con. Res. 78. Mar. 4, 1974. 1 p.
- 10631 872. Designating certain lands in Okefenokee National Wildlife Refuge, Ga., as wilderness. Report from Committee on Interior and Insular Affairs to accompany H.R. 6395. Mar. 4, 1974. 5 p.
- 10632 873. Programs, policies, and operations of Small Business Administration [1973]. Report of Permanent Select Committee on Small Business: Mar. 4, 1974. 1974. v+[1]+36 p.
- 10633 875. Authorizing additional appropriations to carry out Peace Corps act. Report from Committee on Appropriations together with additional and minority views to accompany H.R. 12920. Mar. 5, 1974. 13 p.
- 10634 890. Providing for consideration of H.R. 11035. Report from Committee on Rules to accompany H. Res. 971. Mar. 11, 1974. 1 p.
- 10635 900. Providing for consideration of H.R. 12471. Report from Committee on Rules to accompany H. Res. 977. Mar. 12, 1974. 1 p.
- 10636 901. Providing for consideration of H.R. 3858. Report from Committee on Rules to accompany H. Res. 978. Mar. 12, 1974. 1 p.
- 10637 913. Fair labor standards amendments of 1974. Report together with separate and dissenting views from Committee on Education and Labor to accompany H.R. 12435. Mar. 15, 1974. 106 p.
- 10638 931. Publication of material relating to constitutional rights of Indians. Report from Committee on Judiciary to accompany S. 969. Mar. 25, 1974. 6 p.
- 10639 934. Department of Defense supplemental authorization for appropriations for fiscal year 1974. Report together with dissenting views from Committee on Armed Services to accompany H.R. 12565. Mar. 25, 1974. 42 p. il.
- 10640 936. Migratory bird convention with Japan. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 10942. Mar. 26, 1974. 22 p.
- 10641 939. Providing funds for expenses of investigations and studies authorized by House Resolution 163. Report from Committee on House Administration to accompany H. Res. 886. Mar. 26, 1974. 5 p.
- 10642 940. Providing funds for Committee on Interstate and Foreign Commerce. Report from Committee on House Administration to accompany H. Res. 916. Mar. 26, 1974. 5 p.
- 10643 941. Providing funds for expenses of investigations and studies authorized by House Resolution 19. Report from Committee on House Administration to accompany H. Res. 920. Mar. 26, 1974. 15 p.
- 10644 942. Providing funds for expenses of Committee on Ways and Means in 2d session of 93d Congress. Report from Committee on House Administration to accompany H. Res. 945. Mar. 26, 1974. 5 p.
- 10645 943. Providing funds for expenses of investigation and study authorized by House Resolution 267. 93d Congress. Report from Committee on House Administration to accompany H. Res. 952. Mar. 26, 1974. 4 p.
- 10646 944. Providing funds for expenses of investigations and studies authorized by House Resolution 162. Report from Committee on House Administration to accompany H. Res. 957. Mar. 26, 1974. 4 p.
- 10647 945. Providing additional funds for expenses of investigation and study authorized by House Resolution 228. Report from Committee on House Administration to accompany H. Res. 987. Mar. 28, 1974. 4 p.
- 10648 947. Foreign sale of SS Independence. Report together with dissenting views from Committee on Merchant Marine and Fisheries to accompany H.R. 8586. Mar. 26, 1974. 8 p.
- 10649 948. Woody Owl. Report from Committee on Judiciary to accompany S. 1585. Mar. 26, 1974. 5 p.
- 10650 950. Providing for consideration of S. 628. Report from Committee on Rules to accompany H. Res. 1010. Mar. 26, 1974. 1 p.
- 10651 996. W. Turner Wallis Pumping Station. Report from Committee on Public Works to accompany S. 2509. Apr. 23, 1974. 2 p.
- 10652 1000. Providing for consideration of H.R. 11321. Report from Committee on Rules to accompany H. Res. 1056. Apr. 23, 1974. 1 p.

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- 10653 1008. Providing funds for expenses incurred by Select Committee on House Restaurant. Report from Committee on House Administration to accompany H. Res. 768. Apr. 25, 1974. 3 p.
- 10654 1009. Providing funds for Committee on Judiciary. Report from Committee on House Administration to accompany H. Res. 1027. Apr. 25, 1974. 7 p.
- 10655 1017. Providing for consideration of H.R. 12993. Report from Committee on Rules to accompany H. Res. 1080. Apr. 30, 1974. 1 p.
- 10656 1018. Providing for consideration of H.R. 13053. Report from Committee on Rules to accompany H. Res. 1081. Apr. 30, 1974. 1 p.
- 10657 1020. Amending Northwest Atlantic fisheries act of 1950. Report from Committee on Foreign Affairs to accompany H.R. 14291. Apr. 30, 1974. 10 p.
- 10658 1021. Pocket veto bill. Report from Committee on Judiciary to accompany H.R. 7386. May 1, 1974. 3 p.
- 10659 1025. Federal employees compensation amendments. Report together with dissenting views from Committee on Education and Labor to accompany H.R. 13871. May 2, 1974. 30 p.
- 10660 1030. Providing for consideration of H.R. 10337. Report from Committee on Rules to accompany H. Res. 1095. May 7, 1974. 1 p.
- 10661 1031. Extending until July 1, 1975, of suspension of duties on certain forms of copper. Report from Committee on Ways and Means to accompany H.R. 12281. May 8, 1974. 4 p.
- 10662 1036. Small business impact of actions and policies by Federal regulatory agencies, Interstate Commerce Commission. Report of Subcommittee on Activities of Regulatory Agencies relating to small business. May 13, 1974. 1974. v+ [1] +26 p.
- 10663 1038. Lyndon B. Johnson Civilian Corps Center and Lyndon B. Johnson National Grasslands. Report from Committee on Agriculture to accompany H.R. 13685. May 13, 1974. 3 p.
- 10664 1044. Providing for consideration of H.R. 10294. Report from Committee on Rules to accompany H. Res. 1110. May 15, 1974. 1 p.
- 10665 1050. Increase of temporary limit on public debt. Report from Committee on Ways and Means to accompany H.R. 14832. Mar. 18, 1974. 13 p.
- 10666 1057. Authorizing construction, operation, and maintenance of certain works in Colorado River basin to control salinity of water delivered to users in United States and Mexico. Report from Committee on Interior and Insular Affairs to accompany H.R. 12165. May 22, 1974. 36 p.
- 10667 1059. Authorization for reprinting additional copies for use of Committee on Judiciary of committee print entitled Procedures for handling impeachment inquiry material. Report from Committee on House Administration to accompany H. Res. 1072. May 23, 1974. 1 p.
- 10668 1060. Authorization for reprinting additional copies for use of Committee on Judiciary of committee print entitled Work of impeachment inquiry staff as of Feb. 5, 1974. Report from Committee on House Administration to accompany H. Res. 1073. May 23, 1974. 1 p.
- 10669 1061. Authorization for reprinting additional copies for use of Committee on Judiciary of committee print entitled Work of impeachment inquiry staff as of Mar. 1, 1974. Report from Committee on House Administration to accompany H. Res. 1074. May 23, 1974. 1 p.
- 10670 1062. Authorizing printing of summaries of veterans' legislation reported in House and Senate during 93d Congress. Report from Committee on House Administration to accompany H. Con. Res. 415. May 23, 1974. 1 p.
- 10671 1063. Authorizing printing of additional copies of Senate hearings entitled Surgeon General's report by Scientific Advisory Committee on Television and Social Behavior. Report from Committee on House Administration to accompany S. Con. Res. 83. [1974.] 1 p.
- 10672 1068. Providing for consideration of H.R. 14747. Report from Committee on Rules to accompany H. Res. 1152. May 29, 1974. 1 p.
- 10673 1072. Surface mining control and reclamation act of 1974. Report together with additional, dissenting, separate, and supplemental views of Committee on Interior and Insular Affairs to accompany H.R. 11500; May 30, 1974. 1974. lll + 295 p. il. [Corrected print.]
- 10674 1111. Department of Transportation and related agencies appropriation bill, 1975. Report together with separate views from Committee on Appropriations to accompany H.R. 15405. June 14, 1974. 53 p.
- 10675 1120. Agriculture-environmental and consumer protection appropriation bill, 1975. Report together with separate views from Committee on Appropriations to accompany H.R. 15472. June 18, 1974. 127 p.
- 10676 1161. Health revenue sharing and health services act of 1974. Report together with minority and additional views from Committee on Interstate and Foreign Commerce to accompany H.R. 14214. June 27, 1974. 170 p.

Agriculture Committee, House Washington, DC 20515

[Committee publication] serial, 93d Congress.

- 10677 TT. Commodity Futures Trading Commission act of 1974, hearings, 93d Congress, 2d session on H.R. 11955, Jan. 23-31, 1974. 1974. v+410 p. +
 - Item 1010
 - L.C. card 74-601923

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Appropriations Committee, House Washington, DC 20515

Departments of Labor and Health, Education, and Welfare appropriations for 1975, hearings before Subcommittee, 93d Congress, 2d session.

- 10678 pt. 3. Department of Health, Education, and Welfare, Assistant Secretary for Health, Health Services Administration, Center for Disease Control, Alcohol, Drug Abuse, and Mental Health Administration, Health Resources Administration, Office of Assistant Secretary for Health, Retirement Pay and Medical Benefits for Commissioned Officers, Special Reports. 1974. ii+693+viii p. ii. + ● Item 1011
Y 4.Ap 6/1 : L 11/975/pt.3

Departments of State, Justice, and Commerce, the judiciary, and related agencies appropriations for 1975, hearings before subcommittee, 93d Congress, 2d session.

- 10679 pt. 4. Related agencies: Board for International Broadcasting, Commission on Civil Rights, Commission on Organization of Government for Conduct of Foreign Policy, Equal Employment Opportunity Commission, Federal Maritime Commission, Foreign Claims Settlement Commission, Marine Mammal Commission, National Commission for Review of Federal and State Laws relating to Wiretapping and Electronic Surveillance, Office of Special Representative for Trade Negotiations, Small Business Administration, Arms Control, and Disarmament Agency, U.S. Information Agency, U.S. Tariff Commission. 1974. ii+105+iv p. + ● Item 1011
Y 4.Ap 6/1 : St 2/975/pt.4

District of Columbia appropriations for 1975, hearings before subcommittee, 93d Congress, 2d session.

- 10680 pt. 1. General operating expenses; Public safety. 1974. ii+1459+xii p. ii. + ● Item 1011
Y 4.Ap 6/1 : D 63/975/pt.1

HUD-space-science-veterans appropriations for 1975, hearings before subcommittee, 93d Congress, 2d session.

- 10681 pt. 3. National Aeronautics and Space Administration. 1974. ii+1032+i p. ii. + ● Item 1011
Y 4.Ap 6/1 : H 81/2/975/pt.3
10682 pt. 6. Department of Housing and Urban Development. 1974. ii+1711+vi p. + ● Item 1011
Y 4.Ap 6/1 : H 81/2/975/pt.6

Public works for water and power development and Atomic Energy Commission appropriation bill, 1975, hearings before subcommittee, 93d Congress, 2d session.

- 10683 pt. 1. Corps of Engineers: Construction and planning, general investigations, New England Division, North Atlantic Division, Ohio River Division, operation and maintenance, South Atlantic Division; Delaware River Basin Commission; Susquehanna River Basin Commission. 1974. ii+977+x p. ii. + ● Item 1011
Y 4.Ap 6/1 : P 96/14/975/pt.1

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

- 10684 pt. 3. Executive Office of the President. 1974. ii+759+iv p. ii. + ● Item 1011
Y 4.Ap 6/1 : T 71/975/pt.3
10685 pt. 4. General Government, testimony of Members of Congress and other individuals and organizations. 1974. ii+1206+v p. ii. + ● Item 1011
L.C. card 74-601673
Y 4.Ap 6/1 : T 71/975/pt.4

Armed Services Committee, House Washington, DC 20515

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.

Paper, 93d Congress.

- 10686 36. Full committee consideration of H.R. 5621 [and other bills] and consultation on naval petroleum reserve contracts NOD-10052 and NOD-10053. Dec. 11, 1973. 35 p. + ● Item 1012
L.C. card 74-600635
Y 4.Ar 5/2 a : 973-74/36
10687 43. Hearings on military posture and H.R. 12564. 93d Congress, 2d session, Jan. 30-Apr. 23, 1974, pt. 3. Subcommittee 2 (military personnel) active forces, title 3, reserve forces, title 4, civilian personnel, title 5, military training student loads, title 6. 1974. 1545-3446+xiv p. ii. * Paper, \$13.85
● Item 1012
L.C. card 74-601641
Y 4.Ar 5/2 a : 973-74/43/pt.3
10688 46. Full committee briefing on German offset agreement, 93d Congress, 2d session, May 7, 1974. 19 p. + ● Item 1012
L.C. card 74-601949
Y 4.Ar 5/2 a : 973-74/46

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- 10689 49. Subcommittee 4, hearings on H.R. 13937, to amend title 37, United States Code, to refine procedures for adjustments in military compensation for other purposes, June 5, 1974. 189 p. + ● Item 1012
L.C. card 74-602104 Y 4.Ar 5/2 a : 973-74/49

Banking and Currency Committee, House Washington, DC 20515

- 10690 To authorize change in composition of one-cent coin, hearing before Subcommittee on Consumer Affairs, 93d Congress, 2d session on H.R. 11841. 1974. iv+141 p. il. + ● Item 1013
L.C. card 74-602103 Y 4.B 22/1 : C 33

Education and Labor Committee, House Washington, DC 20515

- 10691 Application of Fair labor standards act in Puerto Rico, hearings before General Subcommittee on Labor, 93d Congress, 2d session, on oversight, Jan. 17 and 18, 1974. 1974. iii+112 p. [Hearings held in San Juan, Puerto Rico.] + ● Item 1015
L.C. card 74-601947 Y 4.Ed 8/1 : P 96/11
- 10692 Extension of certain programs under Economic opportunity act of 1964, hearings before Subcommittee on Equal Opportunities, 93d Congress, 2d session on H.R. 12464, Feb. 5-Mar. 6, 1974. 1974. v+211 p. + ● Item 1015
L.C. card 74-601915 Y 4.Ed 8/1 : Ec 7/5
- 10693 Higher education loan programs, hearings before Special Subcommittee on Education, 93d Congress, 1st and 2d sessions on H.R. 68, H.R. 314 [and] H.R. 12523, Apr. 3, 1973-Feb. 26, 1974. 1974. viii+407 p. + ● Item 1015
L.C. card 74-601651 Y 4.Ed 8/1 : L 78/3
- 10694 Summary of major legislative action, 93d Congress, 1st session; Jan. 1974. 1974. iii+12 p. (Committee print.) + Y 4.Ed 8/1 : L 52/974

Foreign Affairs Committee, House Washington, DC 20515

- 10695 Crisis of development and interdependence, hearings before Subcommittee on Africa, 93d Congress, 1st and 2d sessions, May 23, 1973-Feb. 28, 1974. 1974. iv+410 p. * Paper, \$2.95. ● Item 1017
L.C. card 74-601917 Y 4.F 76/1 : D 49
- 10696 Foreign investment in United States, hearings before Subcommittee on Foreign Economic Policy, 93d Congress, 2d session, Jan. 29-Feb. 21, 1974. 1974. iv+478 p. * Paper, \$3.45. ● Item 1017
L.C. card 74-602181 Y 4.F 76/1 : In 8/56
- 10697 Law of the sea treaty, alternative approaches to provisional application, prepared for Subcommittee on International Organizations and Movements by Foreign Affairs Division, Congressional Research Service, Library of Congress; Mar. 4, 1974. 1974. ix+12 p. (Committee print, 93d Congress, 2d session.) +
L.C. card 74-601256 Y 4.F 76/1 : Se 1/5
- 16098 Right to peace resolution, hearing before Subcommittee on International Organizations and Movements, 93d Congress, 2d session on H. Con. Res. 417 and 418, Mar. 13, 1974. 1974. 39 p. + ● Item 1017
L.C. card 74-601658 Y 4.F 76/1 : P 31/12
- 10699 Staff memorandum on foreign assistance program, authorizations, fiscal years 1974-75, and appropriations, fiscal year 1974; Jan. 15, 1974. 1974. ii+4 p. (Committee print, 93d Congress, 2d session.) #
L.C. card 74-601268 Y 4.F 76/1 : F 76/31/974-75

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- 10700 U.S. chemical warfare policy, hearings before Subcommittee on National Security Policy and Scientific Developments, 93d Congress, 2d session, May 1-14, 1974. 1974. v+379 p. * Paper, \$2.75. ● Item 1017
L.C. card 74-601924 Y 4.F 76/1: W 23/2

Government Operations Committee, House Washington, DC 20515

- 10701 Use of excess property, repairs and improvements to leased property, and contracting for alien personnel by U.S. Embassy, Vientiane, Laos, hearings before subcommittee, 93d Congress, 1st session, Oct. 25-Nov. 7, 1973. 1973. iv+415 p. + ● Item 1016
L.C. card 74-602020 Y 4.G 74/7: L 29/3

Interior and Insular Affairs Committee, House Washington, DC 20515

[Committee publication] serial, 93d Congress.

- 10702 50. Land use planning act of 1974, hearings before Subcommittee on Environment, 93d Congress, 2d session on H.R. 10294, Apr. 23-26, 1974. 1974. ix+424 p. + ● Item 1023
L.C. card 74-601934 Y 4.In 8/14: 93-50

Interstate and Foreign Commerce Committee, House Washington, DC 20515

- 10703 Amendments to Solid waste disposal act, prepared by staff for use of Committee on Interstate and Foreign Commerce and its Subcommittee on Public Health and Environment; Mar. 1974. 1974. v+173 p. (Committee print 19, 93d Congress, 2d session.) #
L.C. card 74-601448 Y 4.In 8/4: So 4
- 10704 Brief legislative history of Food, drug, and cosmetic act, prepared by staff for use of Committee on Interstate and Foreign Commerce and its Subcommittee on Public Health and Environment; Jan. 1974. 1974. v+24 p. (Committee print 14, 93d Congress, 2d session.) #
L.C. card 74-600990 Y 4.In 8/4: F 73/10
- 10705 Compilation of House bills under consideration by House Subcommittee on Commerce and Finance in hearings on national no-fault motor vehicle insurance (and S. 354, as reported by Senate Commerce Committee), prepared by Staff; Mar. 1974. 1974. iii+272 p. (Committee print 21, 93d Congress, 2d session.) #
L.C. card 74-601459 Y 4.In 8/4: In 7/3
- 10706 Transportation improvement act of 1974, Surface transportation act of 1973, and freight car legislation, prepared by staff for use of Committee on Interstate and Foreign Commerce and its Subcommittee on Transportation and Aeronautics; Mar. 26, 1974. 1974. v+314 p. (Committee print 20, 93d Congress, 2d session.) #
L.C. card 74-601446 Y 4.In 8/4: T 687/26

Judiciary Committee, House Washington, DC 20515

- 10707 Civil rights acts of 1957, 1960, 1964, 1968. Voting rights act of 1965 and Voting rights act amendments of 1970; Nov. 1971. 1971. iii+79 p. (Committee print, 92d Congress, 1st session.) * Paper, 75c.
Y 4.J 89/1: C 49/8/971

[Committee publication] serial, 93d Congress.

- 10708 35. Amnesty, hearings before Subcommittee on Courts, Civil Liberties, and Administration of Justice, 93d Congress, 2d session on H.R. 236 [and other bills], Mar. 8-13, 1974. 1974. xii+904 p. + ● Item 1020
L.C. card 74-602206 Y 4.J 89/1: 93-35

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Merchant Marine and Fisheries Committee, House
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[Committee publication] serial, 93d Congress.

- 10709 27. Deep seabed hard minerals, hearings before Subcommittee on Oceanography, 93d Congress on H.R. 9, H.R. 7732 and H.R. 12233, Mar. 1, 1973-Feb. 28, 1974. 1974. v+513 p. il. + ● Item 1021
L.C. card 74-601670 Y 4.M 53: 93-27
- 10710 29. Growth and its implications for future, pt. 3, hearing appendix for Subcommittee on Fisheries and Wildlife Conservation and Environment, 93d Congress, on effects of national growth will have on resources, environment and food supply in future, May 1, 1973. 1974. v+1701-2494 p. il. * Paper, \$5.30 ● Item 1021
L.C. card 73-602348 Y 4.M 53: 93-29

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

[Committee publication] serial, 93d Congress.

- 10711 34. Authorization for staff support in White House office and for executive duties of Vice President, 1974. iii+43 p. + ● Item 1022
L.C. card 74-601941 Y 4.P 84/10: 93-34
- 10712 38. Processing of surface-transported foreign mail in New Orleans area, Nov. 16, 1973. 1973. iii+102 p. il. + ● Item 1022
L.C. card 74-600996 Y 4.P 84/10: 93-38

Science and Astronautics Committee, House
Washington, DC 20515

[Committee publication] serial, 93d Congress.

- 10713 28. 1975 National Science Foundation authorization, hearings before Subcommittee on Science, Research, and Development, 93d Congress, 2d session on H.R. 12816, superseded by H.R. 13999, Mar. 12-19, 1974. 1974. iii+863 p. il. + ● Item 1023-A
L.C. card 74-602151 Y 4.Sci 2: 93-2/28

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

Government minority enterprise programs, fiscal year 1974, hearings before Subcommittee on Minority Small Business Enterprise and Franchising, 93d Congress, 1st session.

- 10714 v. 1. Oct. 3 and 4, 1973. 1973. iv+270 p. 1 pl. il. + ● Item 1031
L.C. card 74-600517 Y 4.Sm 1: M 66/2/v.1

Ways and Means Committee, House
Washington, DC 20515

- 10715 Tax treatment of recycling of solid waste, hearings, 93d Congress, 2d session, Mar. 20 [and] 21, 1974. 1974. v+381 p. il. + ● Item 1028
L.C. card 74-601597 Y 4.W 36: W 28

LIBRARY JOINT COMMITTEE
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- 10716 Annual report of Congressional Research Service of Library of Congress for fiscal year 1972 pursuant to Public law 91-510 (sec. 321); Dec. 7, 1973. 1973. vi+166 p. il. (Joint committee print, 93d Congress, 1st session.) #
Y 4.L 61/2: C 76/972
- 10717 Annual report of Congressional Research Service of Library of Congress for fiscal year 1973 pursuant to Public law 91-510 (sec. 321); Apr. 15, 1974. 1974. vi+209 p. il. (Joint committee print, 93d Congress, 2d session.) #
Y 4.L 61/2: C 76/973

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Senate documents

NOTE.—All Senate documents, entries for which are followed by a +, may be obtained from the Senate documents room or from the issuing office.

Senate documents, 93d Congress.

- 10718 84. Election law guidebook, 1974, summary of Federal and State law regulating nomination and election of United States Senators, revised to Jan. 1, 1974, [prepared by Urenthia M. Clunie, Robert B. Burdette and Rita A. Reimer]; May 7, 1974. 1974. vi+ [2] + 322 p. * Paper, \$2.55 (To be sent to depository libraries in Serial set binding.) 93-2: S.doc.

Senate reports

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

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

- 10719 695. Leticia (Escobar) Richardson. Report from Committee on Judiciary to accompany S. 1346. Feb. 27, 1974. 9 p.
10720 696. Dulce Pilar Castin (Castin-Casas). Report from Committee on Judiciary to accompany S. 2337. Feb. 27, 1974. 6 p.

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

- 10721 610. Amending Bankruptcy act to remove restriction on change of salary of full-time referees. Report from Committee on Judiciary to accompany H.R. 3490. Dec. 11, 1973. 4 p.
10722 625. Designating structure S-5A of Central and Southern Florida Flood Control District, Palm Beach County, Fla., as W. Turner Wallis Pumping Station. Report from Committee on Public Works to accompany S. 2509. Dec. 13, 1973. 2 p.
10723 632. Extending Select Committee on Nutrition and Human Needs. Report from Committee on Labor and Public Welfare, to accompany S. Res. 154. Dec. 14, 1973. 3 p.
10724 637. Authorizing supplemental expenditures by Committee on Commerce for inquiries and investigations. Report from Committee on Rules and Administration to accompany S. Res. 216. Dec. 18, 1973. 4 p.
10725 642. Authorizing printing of additional copies of Senate hearings on Child abuse prevention act, 1973. Report from Committee on Rules and Administration to accompany S. Con. Res. 56. Dec. 18, 1973. 2 p.
10726 645. Authorizing supplemental expenditures by Special Committee on Aging for inquiries and investigations. Report from Committee on Rules and Administration to accompany S. Res. 214. Dec. 18, 1973. 4 p.
10727 646. Authorizing printing of summaries of Veterans legislation reported in House and Senate during present session. Report from Committee on Rules and Administration to accompany H. Con. Res. 88. Dec. 18, 1973. 2 p.
10728 653. National diabetes research and education act. Report from Committee on Labor and Public Welfare to accompany S. 2830. Dec. 19, 1973. 20 p.
10729 656. Expo '74 medal. Report from Committee on Banking, Housing and Urban Affairs to accompany H.R. 5760. Dec. 19, 1973. 5 p.
10730 661. Eastern wilderness areas act. Report from Committee on Interior and Insular Affairs to accompany S. 316. Dec. 20, 1973. 65 p.
10731 685. Authorizing national ocean policy study. Report from Committee on Commerce to accompany S. Res. 222. Feb. 8, 1974. 7 p.
10732 688. Congressional budget act of 1974. Report from Committee on Rules and Administration to accompany S. 1541. March 6, 1974. v+104 p.
10733 724. Protecting privacy and rights of Federal employees. Report from Committee on Judiciary to accompany S. 1688. Mar. 4, 1974. 48 p.
10734 726. Ocean dumping convention implementation. Report from Committee on Commerce to accompany H.R. 5450. 1974. [1] + 21 p.
10735 729. Rice allotment transfers. Report from Committee on Agriculture and Forestry to accompany S. 3075. Mar. 11, 1974. 3 p.
10736 734. Solar heating and cooling demonstration act of 1974. Report from Committee on Aeronautical and Space Sciences to accompany H.R. 11864. March 13, 1974. iii+25 p.
10737 736. National cancer act amendments of 1974. Report from Committee on Labor and Public Welfare to accompany S. 2893. March 20, 1974. 58 p.
10738 747. U.S. Capitol Historical Society wall calendars for use by Senate. Report from Committee on Rules and Administration to accompany S. Res. 299. Mar. 22, 1974. 1 p.
10739 763. Education amendments of 1974. Report, together with supplemental and additional views, from Committee on Labor and Public Welfare to accompany S. 1539. Mar. 29, 1974. 577 p. + (To be sent to depository libraries in Serial set binding.)

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- 10740 828. Providing that moneys due States under provisions of mineral leasing act of 1920, as amended, derived from development of oil shale resources may be used for purposes other than public roads and schools. Report from Committee on Interior and Insular Affairs to accompany S. 3009. May 7, 1974. 10 p.
- 10741 845. Legal Services Corporation of 1974. Conference report to accompany H.R. 7824. May 13, 1974. 32 p.
- 10742 847. Solar heating and cooling demonstration act of 1974. Joint report from Committee on Banking, Housing and Urban Affairs and Committee on Labor and Public Welfare to accompany H.R. 11864. May 14, 1974. iii+15 p.
- 10743 849. Geothermal energy exploration, research and development. Report from Committee on Interior and Insular Affairs to accompany S. 2465. May 15, 1974. 13 p.
- 19744 851. Migratory bird convention with Japan. Report from Committee on Commerce to accompany H.R. 10942; May 15, 1974. 1974. [1]+19 p.
- 10745 857. Authorizing Secretary of Interior to sell reserved mineral interests of United States in certain land in Missouri to Grace F. Sisler, record owner of surface thereof. Report from Committee on Interior and Insular Affairs to accompany H.R. 7087. May 16, 1974. 3 p.
- 10746 870. Authorizing additional expenditures by Committee on Appropriations for routine purposes. Report from Committee on Rules and Administration to accompany S. Res. 321. May 22, 1974. 2 p.
- 10747 871. Authorizing supplemental expenditures by Select Committee on Presidential Campaign Activities for inquiries and investigations. Report from Committee on Rules and Administration to accompany S. Res. 328. May 22, 1974. 3 p.
- 10748 934. Conservation programs on military and other Federal lands. Report from Committee on Commerce to accompany H.R. 11537. June 14, 1974. 22 p.

Agriculture and Forestry Committee, Senate Washington, DC 20510

Fertilizer supply, demand, and prices, hearings before Subcommittee on Agricultural Credit and Rural Electrification, 93d Congress, 2d session.

- 10749 pt. 1. Feb. 19, 1974. 1974. iv+230 p. ll. + ● Item 1032
L.C. card 74-601838 Y 4.Ag 8/2: F 41/5/pt.1
- 10750 Proceedings of National Conference on Rural Development, Des Moines, Iowa, Nov. 25-27, 1973, prepared for Subcommittee on Rural Development; Jan. 2, 1974. 1974. iii+108 p. ll. (Committee print, 93d Congress, 1st session.) +
L.C. card 74-600918 Y 4.Ag 8/2: R 88/28

Armed Services Committee, Senate Washington, DC 20510

Fiscal year 1975 authorization for military procurement, research and development, and active duty, selected reserve and civilian personnel strengths, hearings, 93d Congress, 2d session on S. 3000.
L.C. card 74-601470

- 10751 pt. 5. Research and development, Mar. 4-18, 1974. 1974. iii+2001-2709 p. +
● Item 1034 Y 4.Ar 5/3: P 94/6/975/pt.5
- 10752 pt. 6. Research and development, Mar. 22-Apr. 2, 1974. 1974. iv+2711-3410 p. ll.
+ ● Item 1034 Y 4.Ar 5/3: P 94/6/975/pt.6
- 10753 pt. 7. Research and development, Apr. 4-May 2, 1974. 1974. iv+3411-4141 p. ll.
+ ● Item 1034 Y 4.Ar 5/3: P 94/6/975/pt.7
- 10754 pt. 8. Tactical air power, Mar. 11-21, 1974. 1974. iv+4143-4597 p. ll. +
● Item 1034 Y 4.Ar 5/3: P 94/6/975/pt.8
- 10755 Nomination of Hoffmann and Lowe, hearing, 93d Congress, 2d session on nomination of Martin R. Hoffmann, of Virginia to be General Counsel of Department of Defense, Vice J. Fred Buzhardt, jr., M. David Lowe, of Texas, to be Assistant Secretary of Army, Vice Carl S. Wallace, resigned, Mar. 7, 1974. 1974. ii+8 p. + ● Item 1034
L.C. card 74-601387 Y 4.Ar 5/3: H 67/2
- Transmittal of documents from National Security Council to Chairman of Joint Chiefs of Staff, hearing, 93d Congress, 2d session.
- 10756 pt. 3. Mar. 7, 1974. 1974. ii+49 p. + ● Item 1034
L.C. card 74-601050 Y 4.Ar 5/3: D 65/4/pt.3

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GOVERNMENT PUBLICATIONS

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

- 10757 Conversion of savings and loan associations from mutual to stock form, hearings before Subcommittee on Financial Institutions, 93d Congress, 2d session, on S. 3132 and S. 3224, Apr. 8-10, 1974. 1974. iv+517 p. il. + ● Item 1035
L.C. card 74-601925 Y 4.B 22/3: Sa 9/8
- 10758 Nomination of Garth Marston, hearing, 93d Congress, 2d session, on nomination of Garth Marston to be a member of Federal Home Loan Bank Board, Mar. 22, 1974. 1974. ii+5 p. + ● Item 1035
L.C. card 74-601418 Y 4.B 22/3: M 35/2
- 10759 Nomination of James L. Mitchell and James W. Jamieson, hearing, 93d Congress, 2d session, on nominations of James L. Mitchell, to be Under Secretary of Department of Housing and Urban Development, and James W. Jamieson, to be Member of National Credit Union Board, Apr. 3, 1974. 1974. iii+12 p. + ● Item 1035
L.C. card 74-601591 Y 4.B 22/3: M 69/3
- 10760 Small business and energy crisis, hearings before Subcommittee on Small Business, 93d Congress, 2d session on S. 2760, S3096, [and] S. 3217, Apr. 30 and May 1, 1974. 1974. v+258 p. il. + ● Item 1035
L.C. card 74-602209 Y 4.B 22/3: En 2

Commerce Committee, Senate Washington, DC 20510

- [Committee publication] serial, 93d Congress.
- 10761 55. Fire prevention and control act of 1973, hearings, 93d Congress, 1st session, on S. 1769, Sept. 24 and 26, 1973. 1973. iv+286 p. il. + ● Item 1041
L.C. card 74-601031 Y 4.C 73/2: 93-55
- 10762 69. All-channel radio receivers, hearings before Subcommittee on Communications, 93d Congress, 2d session on S. 585, Apr. 24 and 25, 1974. 1974. iv+201 p. il. + ● Item 1041
L.C. card 74-601916 Y 4.C 73/2: 93-69
- 10763 71. Impact of foreign investment in United States, hearings before Subcommittee on Foreign Commerce and Tourism, 93d Congress, 1st session, Dec. 27 and 28, 1973. 1974. iii+88 p. + ● Item 1041
L.C. card 74-602107 Y 4.C 73/2: 93-71
- 10764 72. National tourism act of 1973, hearings before Subcommittee on Foreign Commerce and Tourism, 93d Congress, 2d session, on S. 2536, Apr. 25-26, 1974. 1974. iv+129 p. il. + ● Item 1041
L.C. card 74-602087 Y 4.C 73/2: 93-72
- 10765 Text and description of working paper no. 1 of Resource conservation and energy recovery act of 1974; Feb. 1974. 1974. vii+76 p. 4° (Committee print, 93d Congress, 2d session.) #
Y 4.C 73/2: R 31/no.1

District of Columbia Committee, Senate Washington, DC 20510

- 10766 Legislating for Nation's Capital, report on activities in 1st session of 93d Congress, 1973, pursuant to S. Res. 37. 1974. iii+13 p. (Committee print, 93d Congress, 1st session.) +
L.C. card 74-602062 Y 4.D 63/2: L 52/973

Finance Committee, Senate Washington, DC 20510

- 10767 Analysis of trade agreements program and Trade reform act of 1973, staff papers provided by Tariff Commission; June 1974. 1974. iii+15 p. (Committee print, 93d Congress, 2d session.) * Paper, 30c.
L.C. card 74-601837 Y 4.F 49: T 67/24
- Trade reform act of 1973, hearings, 93d Congress, 2d session on H.R. 10710, Mar. 4-Apr. 10, 1974.
- 10768 pt. 1. Administration witnesses, Department of Treasury and Office of Special Representative for Trade Negotiations, Mar. 4 and 5, 1974. 1974. vi+373 p. il. * Paper, \$2.80 ● Item 1038
L.C. card 74-601918 Y 4.F 49: T 67/23/pt.1

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Foreign Relations Committee, Senate Washington, DC 20510

Multinational corporations and United States foreign policy, hearings before Subcommittee on Multinational Corporations, 93d Congress, 2d session, Jan. 30, 1974.

- 10769 pt. 4. Executive session, Jan. 28, 1974, made public Feb. 24, 1974. 1974. iii+214 p. ii. * Paper, \$1.80 ● Item 1039
L.C. card 73-602448 Y 4.F 76/2: M 91/pt.4

Government Operations Committee, Senate Washington, DC 20510

Corporate disclosure, hearings before Subcommittee on Budgeting, Management and Expenditures and Subcommittee on Intergovernmental Relations, 93d Congress, 2d session.

L.C. card 74-601677

- 10770 pt. 1. Mar. 21-28, 1974. 1974. viii+593 p. ii. + ● Item 1037
Y 4.G 74/6: C 81/2/pt.1
10771 pt. 2. Apr. 23-May 21, 1974 [with bibliographies]. [1974.] vii+595-1137 p. ii.
+ ● Item 1037 Y 4.G 74/6: C 81/2/pt.2

Interior and Insular Affairs Committee, Senate Washington, DC 20510

- 10772 Big Thicket National Park, hearings before Subcommittee on Parks and Recreation, 93d Congress, 2d session on S. 314, S. 1981, S. 2286, [and] H.R. 11546, Feb. 5 and 6, 1974. 1974. v+280 p. ii. + ● Item 1040
L.C. card 74-602022 Y 4.In 8/13: B 48 t/2/974

[Committee publication] serial, 93d Congress.

- 10773 25. Assessment and analysis of energy emergency, staff analysis pursuant to S. Res. 45, national fuels and energy policy study, [prepared by Benjamin Cooper]. 1973. vii+16 p. ii. (Committee print, 93d Congress, 1st session.) +
L.C. card 74-600570 Y 4.In 8/13: 93-25
10774 41. Prospects for gasoline availability, 1974, background paper, prepared by Congressional Research Service, pursuant to S. Res. 45, national fuels and energy policy study. 1974. ix+135 p. ii. (Committee print, 93d Congress, 2d session.) * Paper, \$1.35.
L.C. card 74-602154 Y 4.In 8/13: 93-41
10775 Indian Claims Commission appropriations for fiscal year 1975, hearing before Subcommittee on Indian Affairs, 93d Congress, 2d session on S. 3007, Mar. 26, 1974. 1974. iii+23 p. + ● Item 1040
L.C. card 74-602101 Y 4.In 8/13: In 2/29/975
10776 Interior nomination, hearing, 93d Congress, 2d session, on nomination of Thomas V. Falkie to be Director of Bureau of Mines, Feb. 8, 1974. 1974. iii+13 p. + ● Item 1040
L.C. card 74-601149 Y 4.In 8/13: N 72/974-2
10777 To amend Wild and scenic rivers act (pt. 2), hearing before Subcommittee on Public Lands, 93d Congress, 2d session on S. 2439, Feb. 7, 1974. 1974. iv+75-220 p. ii. 1 pl. + ● Item 1040
L.C. card 73-603468 Y 4.In 8/13: R 52/3/974/pt.2

Judiciary Committee, Senate Washington, DC 20510

- 10778 Federal data banks and Constitutional rights, study of data systems on individuals maintained by agencies of United States Government, summary and conclusions, prepared by staff of Subcommittee on Constitutional Rights. 1974. vii+53 p. (Committee print, 93d Congress, 2d session.) * Paper, 65c.
L.C. card 74-602058 Y 4.J 89/2: B 22/18/sum.
Industrial reorganization act, hearings before Subcommittee on Antitrust and Monopoly, 93d Congress, 1st session on S. 1167.
10779 pt. 2. Communications industry, July 30-Aug. 2, 1973. 1973. v+497-1771 p. ii.
* Paper, \$9.35 (S/N 5270-02262). ● Item 1042
L.C. card 74-601214 Y 4.J 89/2: In 2/15/pt.2

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GOVERNMENT PUBLICATIONS

Labor and Public Welfare Committee, Senate Washington, DC 20510

Education for all handicapped children, 1973-74, hearings before Subcommittee on Handicapped, 93d Congress, 1st session on S. 6.

- 10780 pt. 2. May 14, 1973. 1974. iv+643-1152 p. il. [Hearing held in Columbia, S.C.]
+ ● Item 1043
L.C. card 74-601834 Y 4.L 11/2: H 19/3/973-74/pt.2

- 10781 Nomination, hearing, 93d Congress, 2d session, on Abraham Weiss, of Maryland, to be Assistant Secretary for Policy Evaluation and Research, Department of Labor, Mar. 19, 1974. 1974. ii+7 p. + ● Item 1043
L.C. card 74-60150 7 Y 4.L 11/2: N 72/5/974

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

National nutrition policy study, report and recommendations; June 1974.
L.C. card 74-602053

- 10782 pt. 1. [Nutrition and food availability], prepared by Panel on Nutrition and Food Availability. 1974. v+[1]+92 p. (Committee print, 93d Congress, 2d session.) * Paper, \$1.00 Y 4.N 95: N 95/17/pt.1
- 10783 pt. 2. [Nutrition and consumer], prepared by Panel on Nutrition and Consumer. 1974. viii+24 p. (Committee print, 93d Congress, 2d session.) * Paper, 35c. Y 4.N 95: N 95/17/pt.2
- 10784 pt. 3. [Nutrition and Government], prepared by Panel on Nutrition and Government. 1974. v+36 p. (Committee print, 93d Congress, 2d session.) * Paper, 45c. Y 4.N 95: N 95/17/pt.3
- 10785 pt. 4. [Health care systems], prepared by Subpanel of Health Care Systems of Panel on Nutrition and Health. 1974. v+15 p. (Committee print, 93d Congress, 2d session.) * Paper, 30c. Y 4.N 95: N 95/17/pt.4
- 10786 pt. 5. [Popular nutrition education], prepared by Subpanel on Popular Nutrition Education of Panel on Nutrition and Consumer. 1974. vi+15 p. (Committee print, 93d Congress, 2d session.) * Paper, 30c. Y 4.N 95: N 95/17/pt.5
- 10787 pt. 6. [Nutrition and international situation], prepared by Panel on Nutrition and International Situation. 1974. vi+7 p. (Committee print, 93d Congress, 2d session.) * Paper, 35c. Y 4.N 95: N 95/17/pt.6
- 10788 pt. 7. [Nutrition and disease], prepared by Subpanel on Nutrition and Disease of Panel on Nutrition and Health. 1974. vi+7 p. (Committee print, 93d Congress, 2d session.) * Paper, 25c. Y 4.N 95: N 95/17/pt.7

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

- 10789 Nomination of Robert Hayes Robertson to Board of Governors, U.S. Postal Service, hearing, 93d Congress, 2d session, May 8, 1974. 1974. ii+4 p. + ● Item 1044
L.C. card 74-601942 Y 4.P 84/11: R 54

Public Works Committee, Senate Washington, DC 20510

[Committee publication] serial, 93d Congress.

- 10790 H 6. To investigate adequacy and effectiveness of Federal disaster relief legislation, pt. 6, hearing before Subcommittee on Disaster Relief, 93d Congress, 2d session on S. 3062, Mar. 6, 1974. 1974. iv+268 p. + ● Item 1045
L.C. card 73-602038 Y 4.P 96/10: 93-H 6/pt.6
- 10791 H 28. Transportation and new energy policies, hearings before Subcommittee on Transportation, 93d Congress, 2d session, pt. 2, Truck sizes and weights, Feb. 20-Mar. 26, 1974. 1974. v+671 p. il. 1 tab. + ● Item 1045
L.C. card 74-601040 Y 4.P 96/10: 93-H 28/pt.2
- 10792 H 29. Implementation of transportation controls (Houston, Tex. and New York, N.Y.), pt. 3, hearings before Subcommittee on Environmental Pollution, 93d Congress, 2d session, May 1 and 2, 1974. 1974. iv+1241 p. il. + ● Item 1045
L.C. card 74-601131 Y 4.P 96/10: 93-H 29/pt.3
- 10793 H 33. Environmental Protection Agency's budget request for fiscal year 1975, hearings before Subcommittee on Environmental Pollution, 93d Congress, 2d session, Feb. 25-Mar. 1, 1974. 1974. iv+404 p. il. * Paper, \$3.00. ● Item 1045
L.C. card 74-602021 Y 4.P 96/10: 93-H 33

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- 10794 H 34. Transportation planning and priorities for Seventies, hearing before Subcommittee on Transportation, 93d Congress, 2d session, pt. 1, Mar. 4, 1974. 1974. iv+126 p. il. [Hearing held in New York, N.Y.] +
● Item 1045
L.C. card 74-601938 Y 4.P 96/10 : 93-H 34/pt.1
- 10795 H 34. Transportation planning and priorities for Seventies (Unified transportation assistance act of 1974), hearing before Subcommittee on Transportation, 93d Congress, 2d session, on S. 3035, pt. 2. Department of Transportation witnesses, Mar. 12, 1974. 1974. iii+177 p. il. +
● Item 1045
L.C. card 74-601938 Y 4.P 96/10 : 93-H 34/pt.2
- 10796 24, v. 1. Air quality and automobile emission control, report by coordinating committee on air quality studies, National Academy of Sciences, National Academy of Engineering: v. 1, Summary report; Sept. 1974. 1974. ix+130 p. (Committee print, 93d Congress, 2d session.) * Paper, \$1.40 (S/N 5270-02498).
L.C. card 74-602497 Y 4.P 96/10 : 93-24/v.1
- 10797 24, v. 2. Air quality and automobile emission control, report by coordinating committee on air quality studies, National Academy of Sciences, National Academy of Engineering: v. 2, Health effects of air pollutants; Sept. 1974. 1974. viii+511 p. il. (Committee print, 93d Congress, 2d session.) * Paper, \$4.35.
L.C. card 74-602497 Y 4.P 96/10 : 93-24/v.2
- 10798 24, v. 3. Air quality and automobile emission control, report by coordinating committee on air quality studies, National Academy of Sciences, National Academy of Engineering: v. 3, Relationship of emissions to ambient air quality; Sept. 1974. 1974. xiv+137 p. il. (Committee print, 93d Congress, 2d session.) * Paper, \$1.70.
L.C. card 74-602497 Y 4.P 96/10 : 93-24/v.3

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

Economic stabilization program.

- 10799 Acute care hospitals, planning and executing capital projects under cost controls. [Apr. 1974.] v+21 p. 4° * Paper, 65c. (S/N 4114-00032). ● Item 857-L-1
PrEx 17.10 : H 79/2

DEFENSE CIVIL PREPAREDNESS AGENCY, Defense Dept. Washington, DC 20301

- 10800 Foresight, Defense Civil Preparedness Agency, annual report, fy 73. [1974.] cover title, v+69 p. il. 4° + ● Item 320-B-4 D 14.1 : 973

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

- 10801 Exporting is easier than you think. Mar. 1974. 6 p. oblong 48° + ● Item 231-B-1 C 57.2 : Ex 7/4
- 10802 Government's ferrous scrap policy and future supply for foundry industry, address by James M. Owens, Director, Materials Division, Bureau of Domestic Commerce, Department of Commerce, before American Foundrymen's Society, 78th Casting Congress and Exposition, Cleveland, Ohio, May 8, 1974. [1974.] 8 p. 4° + C 57.9 : Ow 2/2

Trade data.

- 10803 Air conditioning, commercial and industrial refrigeration equipment trade data; prepared by T. J. Jackson. Mar. 1974. 11 p. il. 4° + C 57.17 : A1 7
- 10804 Textile machinery trade data; prepared by T. J. Jackson. Mar. 1974. 11 p. il. 4° + C 57.17 : T 31

ECONOMIC DEVELOPMENT ADMINISTRATION, Commerce Dept. Washington, DC 20230

- 10805 EDA field reports: Three-State Delmarva district works to create jobs, preserve culture. [Jan. 1974.] 8 p. il. 4° (Office of Public Affairs.) + C 46.22 : D 38
- 10806 EDA technical assistance, what it is, how to apply. [Mar. 1974.] 15 p. narrow 8° + ● Item 130-D C 46.2 : T 22/974

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ECONOMIC RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

ERS-foreign (series).

- 10807 359. Agricultural situation in Western Europe, review of 1973 and outlook for 1974. [Apr. 1974.] iv+51 p. il. 4° + A 93.21/2:359

Foreign agricultural economic report.

- 10808 94. Agriculture in United States and people's Republic of China, 1967-71 [with bibliographies; by Frederick W. Crook and Linda A. Bernstein]. [Feb. 1974.] cover title, vi+39 p. il. 4° [Page 39 printed on p. 3 of cover.]
+ ● Item 42-B
L.C. card 74-601181 A 93.27:94

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

National assessment of educational progress, project of Education Commission of States: Report.

- 10809 02-R-30. Recipes, wrappers, reasoning and rate, digest of first reading assessment; [by Donald R. Gallo.] Apr. 1974. xiv+66 p. il. 4° * Paper, \$1.00.
● Item 461 (Rev. 1965) HE 5.2: As 7/rp.02-R-30

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.

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

- 10810 202. Airborne resistivity survey near Fairbanks, Alaska, aid in bedrock geology reconnaissance [with list of literature cited; by] Paul V. Cellmann, Pieter Hoekstra, and Allan J. Delaney. Mar. 1974. iii+16 p. il. 4° [Performed under DA project 4A162121A894; task 03; work unit 008.] #
D 103.33/2:202
- 10811 203. Detection of cyclohexanone in the atmosphere above emplaced antitank mines [with list of literature cited; by] T. F. Jenkins [and others]. Apr. 1974. iii+17 p. il. 4° [Prepared for U.S. Army Mobility Equipment Research and Development Center, DA project 1G672712AJ22.] #
D 103.33/2:203
- 10812 204. Bibliography on winter construction, 1967-71; by Chester W. Kaplar and Robert M. Metrish. Apr. 1974. ii+79 p. 4° [DA project 4K078012AAM1.] #
D 103.33/2:204

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

- 10813 249. Moisture and freeze-thaw effects on rigid thermal insulations [with selected bibliography; by] Chester W. Kaplar. Apr. 1974. iv+31 p. il. 4° [Military construction investigations project SP 48.] #
D 103.33:249
- 10814 Potomac River basin Md., Va., W. Va., Pa. and District of Columbia, re-formulation of Sixes Bridges and Verona projects letter from Secretary of Army transmitting letter from chief of engineers v. 1; Nov. 26, 1973. 1x+281 p. il. 4 pl. 4° [Also issued as H. doc. 2, v. 1, 93d Cong., 1st sess.] # ● Item 334-A
D 103.22:P 84/5/v.1

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)

— Instruction report.

- 10815 S-74-2. Installation of heavy-duty truss-web extruded aluminum airfield landing mat [with list of references]; by Dewey W. White, Jr. Army-MRC-Vicksburg, Miss., May 1974. xi+31+[3] p. il. 4° [Errata sheet, 1 p. issued also.]
D 103.24/7:S-74-2

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— Technical memorandum.

- 10816 3-240. Trafficability of soils: 20th supp. Development of vehicle performance prediction equations and classification system for coarse-grained soils [with list of literature cited]; by J. G. Kennedy. Army-MRC-Vicksburg, Miss., Apr. 1974. [87] p. il 4° [Project 1T162103A046-02. Sponsored by U.S. Army Materiel Command, conducted by U.S. Army Engineers Waterways Experiment Station, Vicksburg, Miss.]
D 103.24/2: 3-240/supp.20

— Technical report.

- 10817 E-74-1. Project Trinidad, explosive excavation of railroad cuts 2 and 3 by mounding and directed blasting, [final technical report, with list of references; by] Jerome E. Lattery. [Jan. 1974.] [2]+vi+32 p. il. 4° (Explosive Excavation Research Laboratory, Livermore, Calif.)
@ Paper, \$4.00. D 103.24/2: E-74-1
- 10818 H-74-1. Navigation channel improvements, Barnegat Inlet, N.J., hydraulic model investigation; by Richard A. Sager [and] Noel W. Hollyfield. Army-MRC, Vicksburg, Miss., Mar. 1974. [460] p. il. 4° [Sponsored by U.S. Army Engineer District, Philadelphia, Pa., conducted by Hydraulics Laboratory, Vicksburg, Miss.]
D 103.24/2: H-74-1
- 10819 H-74-2. South Ellenville flood control project, Rondout Creek basin, New York, hydraulic model investigation; by E. S. Melshelmer. Army-MRC Vicksburg, Miss., Apr. 1974. [97] p. il. 4° [Sponsored by U.S. Army Engineer District, New York, conducted by U.S. Army Engineer Waterways Experiment Station, Hydraulics Laboratory, Vicksburg, Miss.]
D 103.24/2: H-74-2

ENVIRONMENTAL PROTECTION AGENCY Washington, DC 20460

Annapolis Field Office, Middle Atlantic Region 3, Philadelphia, Pa., technical report.

- 10820 57. Potomac River estuary in Washington metropolitan area, history of water quality problems and their solution [with list of references; by] John A. Aalto. Nov. 1972. [43] leaves, il. 4° (EPA-903/9-74-011.) + EP 1.51/2: 57
- 10821 59. Distribution of metals in Baltimore Harbor sediments [with list of references; by] Orterio Villa, Jr., Patricia G. Johnson. Jan. 1974. [81] p. il. 4° (EPA-903/9-74-012.) [Some pages are printed as leaves.] + EP 1.51/2: 59
- 10822 Characteristics and pollution problems of irrigation return flow [with list of references and bibliography]; prepared by Utah State University Foundation. Ada, Okla., May 1969. xxviii+237 p. il. 4° (Federal Water Pollution Control Administrator, Interior Dept.) + I 67.2: Ir 7
- 10823 Conference, pollution of navigable waters of Penobscot River and Upper Penobscot Bay and their tributaries, proceedings, Belfast, Maine, Apr. 20, 1967. [1967.] cover title, a-b+394+[1] p. il. 4° (Federal Water Pollution Control Administration, Interior Dept.) + I 67.2: P 38
- 10824 Conference pollution of Raritan Bay and adjacent interstate waters, 3d session, New York, N.Y., June 13-14, 1967, proceedings. [1968.] 3 v., 1382 p. il. 4° (Federal Water Pollution Control Administration, Interior Dept.) + I 67.2: R 18/v.1-3
- 10825 Decision-makers guide in solid waste management [with lists of references]. [1974.] xxxvi+213 p. 4° (Solid Waste Management Office.) + EP 3.8: D 35
- 10826 Developing local and regional solid waste management plan [with lists of references]; by Richard O. Toftner. 1971. viii+93 p. il. 4° (Division of Technical Operations.) [Open file report (TO 14.0).] + EP 1.2: So 4/2

Environmental health effects research series.

- 10827 650/1-74-003. Development of analytic techniques to measure human exposure to fuel additives [with list of references]; by Donald E. Johnson [and others]. Mar. 1974. iii+162 p. il. 4° (Office of Research and Development.) [Contract no. 68-02-0595, project no. 26AAE, program element no. 1AA002.] @ (Price upon application). EP 1.23/4: 650/1-74-003
- 10828 74-002. Metabolism of carbamate insecticides [with list of references]; by H. Wyman Dorough, Department of Entomology, University of Kentucky, Lexington, Ky. Sept. 1973. x+246 p. 4° (Office of Research and Development, Primate and Pesticides Effect Laboratory, National Environmental Research Center, Research Triangle Park, N.C.) [Grant R-802005, program element 1E1078.] @ (Price upon application). EP 1.23/4: 74-002

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Environmental monitoring series.

- 10829 73-002. Simplified atomic absorption determination of stable strontium in milk and hay, comparison of methods and stepwise procedure [with list of references]; by Julius Barth and Benjamin H. Bruckner, Monitoring Systems Research and Development Laboratory, National Environmental Research Center, Las Vegas, Nev. Feb. 1974. v+25+[2] p. 4° (Office of Research and Development.) * Paper, 70c.
EP 1.23/5: 73-002
- 10830 74-001. Application of repro-modeling to analysis of photochemical air pollution model [with list of references]; by Alan Horowitz, William S. Meisel, and David C. Collins. Dec. 1973. ix+99+[1] p. il. 4° (Office of Research and Development, Meteorology Laboratory, National Environmental Research Center, Research Triangle Park, N.C.) [Contract 68-02-1207, program element 1A1009.] @ (Price upon application).
EP 1.23/5: 74-001

Environmental protection technology series.

- 10831 73-243. Aerial spill prevention surveillance during sub-optimum weather [with one reference]; by Robin I. Welch, Allan D. Marmelstein and Paul M. Maughan. Sept. 1973. vii+55+[1] p. il. (Office of Research and Development.) [Contract 68-01-0191, program element 1BB041. Some illustrations are colored.] * Paper, \$1.40 (S/N 5501-00709.) ● Item 431-I-12
EP 1.23/2: 73-243
- 10832 73-252. Instrumentation for monitoring specific particulate substances in stationary source emissions [with list of references]; by John V. Pustinger [and others]. Sept. 1973. x+415+[1] p. il. 4° (Office of Research and Development.) [Contract 68-02-0316, program element 1AA010.] @ (Price upon application).
EP 1.23/2: 73-252

EPA.

- 10833 600/2-74-003. Development of phosphate-free heavy duty detergents [with bibliographies]; by Anthony M. Schwartz, A. Eleanor Davis. Mar. 1974. xvii+234+[1] p. il. 4° (Office of Research and Development.) [Project 16080 FWE, program element 1BB045.] * Paper, \$2.65. ● Item 431-I-12
EP 1.23/2: 600/2-74-003
- 10834 650/2-73-020. Catalytic oxidation of sulfur dioxide using isotopic tracers [with list of references]; by John Happel and Miguel A. Enatow. Aug. 1973. vii+34 p. il. 4° (Office of Research and Development.) [Grant R801321 (formerly Grant AP-00714-04), program element 1A2013.] @ (Price upon application).
EP 1.23/2: 650/2-73-020
- 10835 650/2-73-051. Marketing H2SO4 from SO2 abatement sources, TVA hypothesis [with list of references]; by D. A. Waitzman, J. L. Nevins, and G. A. Slappey. Dec. 1973. vii+10 p. il. 4° (Office of Research and Development.) [Prepared by Tennessee Valley Authority, Office of Agricultural and Chemical Development, Muscle Shoals, Ala. under interagency agreement EPA-1AG0134D (Part B), ROAP 21ADE-24; program element 1AB013.] @ (Price upon application).
EP 1.23/2: 650/2-73-051
- 10836 650/2-73-053. Proceedings of 3d international conference on fluidized-bed combustion; [with bibliographies]. Dec. 1973. [571] p. il. 4° (Office of Research and Development.) @ (Price upon application).
EP 1.23/2: 650/2-73-053
- 10837 650/2-74-012. Evaluation of regenerative pressurized fluidized-bed combustion process [with list of references]; by T. E. Johnson [and others]. Feb. 1974. ii p. +[8] +81+[1] leaves, il. 4° (Office of Research and Development.) [Contract no. CPA 70-68 (Task 9).] @ (Price upon application).
EP 1.23/2: 650/2-74-012
- 10838 650/2-74-019. Development and testing of air monitoring system [with list of references]; by C. E. Decker, T. M. Royal, and J. B. Tommerdahl. Dec. 1973. ix+210 p. il. 4° (Office of Research and Development.) [Contract 68-02-1011, program element 1A1003.] @ (Price upon application).
EP 1.23/2: 650/2-74-019
- 10839 660/2-73-001. Plume temperature measurements of shallow, submerged model discharges with current [no. 2, with one reference]; by Lawrence Winiarski, James Chasse. Jan. 1973. viii+54 p. il. 4° (National Environmental Research Center, Office of Research and Development.) [Program element 1B1032.] @ (Price upon application).
EP 1.23/2: 660/2-73-001
- 10840 660/2-73-023. Regeneration of chromated aluminum deoxidizers, phase 1 report [with bibliography]; by Harry C. Hicks and Robert A. Jarmuth. Dec. 1973. vi+160+[1] p. il. 4° (Office of Research and Development.) [Project 12070 HEK, program element 1B2036.] * Paper, \$1.95. ● Item 431-I-12
EP 1.23/2: 660/2-73-023
- 10841 660/2-73-029. Mathematical model for barged ocean disposal of wastes [with list of references]; by Robert C. Y. Koh and Y. C. Chang. [Dec. 1973; published 1974.] [595] p. il. 4° (Office of Research and Development.) [Grant 16070FBY, program element 1BA025.] * Paper, \$4.85. ● Item 431-I-12
EP 1.23/2: 660/2-73-029

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- 10842 660/2-73-037. Modular wastewater treatment system demonstration for textile maintenance industry [with list of references]; by Gary Douglas. Jan. 1974. xlii+343 p. il. 4° (Office of Research and Development.) [Project 12120 FYV, program element 1BB037.] * Paper, \$3.45. ● Item 431-I-12 EP 1.23/2: 660-2-73-037
- 10843 670/2-73-077. Combined sewer overflow seminar papers [with lists of references]. Nov. 1973. v+216+[1] p. il. 4° * Paper, \$2.20. ● Item 431-I-12 EP 1.23/2: 670-2-73-077
- 10844 670/2-74-002. Feasibility study of new surface mining method longwall stripping [with list of references]; by Henry F. Moomau, Frank R. Zachar and Joseph W. Leonard. Feb. 1974. vi+67+[1] p. il. 4° (Office of Research and Development.) [Contract 68-01-0763, program element 1BB040.] * Paper, \$1.15. ● Item 431-I-12 EP 1.23/2: 670-2-74-002
- 10845 670/2-74-023. Electrochemical removal of heavy metals from acid mine drainage [with list of references]; by Nicholas B. Franco, Robert A. Balouskus. May 1974. x+87 p. il. 4° (Office of Research and Development.) [Grant 802614, program element 1BB040.] @ (Price upon application). EP 1.23/2: 670-2-74-023
- 10846 670/2-74-030. Waterborne wastes of paint and inorganic pigments industries [with list of references]; by William J. Barrett, George A. Morneau, John J. Roden, III. Mar. 1974. ix+76 p. il. 4° (National Environmental Research Center, Office of Research and Development.) [Project R-800602, program element 1BB036.] @ (Price upon application). EP 1.23/2: 670-2-74-030
- 10847 EPA's position on health effects of airborne lead [with lists of references; prepared by Health Effects Branch, Processes and Effects Division, Office of Research and Monitoring]. Nov. 29, 1972. [93] p. 4° + EP 1.2: L 46
- 10848 Evaluation of lime/limestone sludge disposal options [with bibliography]; by Radian Corporation, Austin, Tex. Nov. 1973. [190] p. il. 4° (Office of Air and Water Programs, Office of Air Quality Planning and Standards; EPA-450/3-74-016.) [Contract 68-02-0046. Some illustrations are colored.] @ (Price upon application). EP 1.2: L 62/2
- 10849 Final conference report for national conference on managing environment [with bibliographies]. [1973.] [274] p. il. 4° ((Office of Research and Development, Washington Environmental Research Center, Environmental Studies Division.)) [Conference held May 14-15, 1973 in Washington, D.C.] + EP 1.2: En 8/9
- 10850 Future of environmental controls in agriculture, address by Robert W. Fri, Acting Administrator, Environmental Protection Agency, to American Agricultural Editors Association, Washington, D.C., June 18, 1973. [1973.] [1]+15 p. 4° # EP 1.10: F 91/5
- 10851 Guide for evaluation of atmospheric analyzers; by P. K. Mueller [and others]. June 1973. [10]+iv+236 p. il. 4° (EPA-650/4-74-014.) [Some pages printed as leaves. Prepared under EPA contract 68-02-0214 by Air and Industrial Hygiene Laboratory, Laboratory Program, California State Department of Health.] @ (Price upon application). EP 1.8: An 1
- 10852 Importance of local initiative in environmental management [address by] Robert W. Fri, Acting Administrator, Environmental Protection Agency, Environmental Improvement Award Dinner, Birmingham, Ala., May 30, 1973. [1973.] [1]+14 p. 4° # EP 1.10: F 91/4
- 10853 Mass spectral search system, users manual [with list of references]. May 1974. cover title, [1]+125 p. 4° (Office of Planning and Management.) + ● Item 431-I-5 EP 1.8: M 38
- 10854 Nation-wide roster of professional minority consulting firms. Feb. 1974. [1]+v+63 p. 4° (Minority Business Enterprise Program.) + ● Item 431-I-1 EP 1.2: M 66/2
- 10855 Pilot study of dynamics of reservoir destratification [with list of references]; by Lowell E. Leach, William R. Duffer and Curtis C. Harlin, jr. [1968.] 22+[2] leaves, 7 pl. 1 tab. 4° (Water Quality Control Research Program, Robert S. Kerr Water Research Center, Ada, Okla. Federal Water Pollution Control Administration, Interior Dept.) + I 67.2: R 31/3

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- 10856 Program to improve operation and maintenance of waste treatment works. Jan. 1, 1970. [2]+30+[6] leaves, il. 4° (Federal Water Pollution Control Administration, Interior Dept.) + I 67.2: W 28/7
- 10857 Report on identification of slime in finished water samples, from Savannah, Ga. Dec. 1965. cover title, [2]+12 leaves, il. 4° (Microbiology & Particulate Matter Studies, Water Quality Activities, Basic Data Program. Federal Water Pollution Control Administration, Health Education, and Welfare Dept.) + FS 16.2: S13
- 10858 Selected list of translated non-English material of potential interest to Environmental Protection Agency; [compiled by Wave Elaine Culver]. June 1973. cover title, [26] p. 4° (EPA-LIB-73-05.) + EP 1.2: T 68
Socioeconomic environmental studies series.
- 10859 600/5-73-014. Enforcement economics in air pollution control [with list of references]; by Paul B. Downing and William D. Watson, Jr. Dec. 1973. vi+104+[2] p. il. 4° (Washington Environmental Research Center, Office of Research and Development.) [Program element 1HA094.] * Paper, \$1.50. ● Item 431-I-19
EP 1.23/3: 600/5-73-014
- 10860 600/5-74-005. Development of predictions of future pollution problems [with list of references]; by James E. Flinn and Robert S. Relmars. Mar. 1974. [227] p. il. 4° [Prepared under contract 68-01-1837, program element 1HA095 by Implementation Research Division, Washington Environmental Research Center.] * Paper, \$2.40. ● Item 431-I-19 EP 1.23/3: 600/5-74-005
[Solid waste management] SW (series).
- 10861 57c. User's manual for COLMIS, collection management information system for solid waste management, v. 1. 1974. vii+99 p. il. 4° [Prepared under direction of Federal solid waste management programs with assistance obtained under contract 680330097.] + ● Item 431-I-7
EP 1.17: 57c/v.1
- 10862 113. Heuristic routing for solid waste collection vehicles [with list of references]. by Kenneth A. Shuster and Dennis A. Schur. 1974. v+45 p. il. 4° * Paper, \$1.05 (S/N 5502-00120.). ● Item 431-I-7 EP 1.17: 113
- 10863 Specifications for slow speed telemetry system for water pollution surveillance; by A. F. Mentink. 1st edition. Apr. 1966. [1]+vi+20 leaves 4° (Basic Data Program, Water Quality Activities, Engineering & Field Operations. Federal Water Pollution Control Administration, Health, Education, and Welfare Dept.) [Addenda, 1 p. also issued.] + FS 16.2: T 23
- 10864 State air pollution implementation plan progress report, June 30-Dec. 31, 1973; prepared by Office of Air Quality Planning and Standards, Office of Air and Water Programs and Office of Enforcement and General Counsel. Apr. 1974. vii+108 p. il. 4° (EPA-450/2-74-004.) @ (Price upon application). EP 1.2: Ai 7/9
- 10865 Summary of FY 1974 Environmental Protection Agency program plans related to monitoring; [compiled by Planning and Review Staff], Office of Monitoring Systems. Aug. 1973. cover title, [1]+iii+46 p. 4° (Office of Research and Development.) + EP 1.2: M 74/3
Surveillance and Analysis Division, Region 8, Denver, Colo., Technical Support Branch: SA/TSB-(series).
- 10866 4. Technical assistance project: Greeley Wastewater Treatment Facility, Greeley, Colo., June-July, 1972. Aug. 1972. [1]+ii+15 leaves il. 4° # EP 1.51/3: 4
- 10867 5. Bacteriological survey of Cache La Poudre River near Greeley, Colo., Apr. 1972. [with list of references]. Nov. 1972. [1]+ii+16 leaves il. 4° # EP 1.51/3: 5
- 10868 6. Bacteriological investigations of upper South Platte River basin, May 1972, July 1972, Sept. 1972 [with list of references]. Dec. 1972. iv+46 leaves, il. 4° # EP 1.51/3: 6
- 10869 9. Technical assistance project: Trinidad Wastewater Treatment Facility, Trinidad, Colo., Sept. 1972 [with list of references]. Jan. 1973. [4]+33 leaves, il. 4° # EP 1.51/3: 9
- 10870 11. Biological survey of Pinkham Creek and North Platte River in vicinity of Cowdrey, Colo., Aug. 24, 1972. Nov. 1972. [1]+i+5+[4] leaves, il. 4° # EP 1.51/3: 11
- 10871 14. Benthic survey of Flat Creek and Salt River near Thayne, Wyo., Aug. 1972, Nov. 1972. [1]+ii+11 leaves, il. 4° # EP 1.51/3: 14

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- 10872 15. Meeker Well and other phenomena in vicinity of Meeker Dome, Rio Blanco County, Colo., summary report on feasibility of control of seepage of saline ground water. Dec. 1972. [1]+iv+40 leaves, il. 2 pl. in pocket, 4° # EP 1.51/3: 15
- 10873 18. Environmental evaluation of Mines Development, Inc. uranium and vanadium milling operations at Edgemont, South Dakota [with list of references]. Apr. 1973. cover title, iv+55+[1]+2 leaves, il. 4° # EP 1.51/3: 18
- 10874 20. Mercury concentrations in fish in Lake Oahe, S. Dak., Apr. 16-Sept. 27, 1972 [with list of references]. June 1973. cover title, iv+57 leaves, il. 4° # EP 1.51/3: 20
- 10875 22. Technical assistance project: Fort Collins Wastewater Treatment Facility, Fort Collins, Colo., Jan.-Feb. 1973. May 1973. [3]+25 p. il. 4° # EP 1.51/3: 22
- 10876 23. Technical assistance project: Upper Eagle Valley Sanitation District Wastewater Treatment Facility, Avon, Colo., Mar.-Apr. 1973 [with list of references]. June 1973. [3]+17 leaves, il. 4° # EP 1.51/3: 23
- 10877 Technical appendix on municipal waste-source evaluations, water quality investigations in South Platte River basin, Colo., 1971-72; [with list of references]. June 1972. [1]+iii+132 p. il. 4° (National Field Investigations Center, Denver and Region 8, Denver, Colo.) # EP 1.2: So 8
- 10878 Toxaphene status report, special report to Hazardous Materials Advisory Committee [with list of references]. Nov. 1971. [4]+ix+155 p. 4° # EP 1.2: T 64
- 10879 Use of chemicals and other materials to treat oil on water status report. Feb. 24, 1969. [1]+i+[1]+20 leaves, 4° (Northeast Region Research & Development Program. Federal Water Pollution Control Administration, Interior Dept.) + I 67.2: Oi 5/4
- 10880 User charges and industrial cost recovery, Denver SMSA [with bibliography]; by George H. Aull, jr., Thomas F. Jones, William G. Stringfellow. Jan. 1974. x+120 p. il. 4° (Rocky Mountain-Prairie Region, Region 8.) [Contract 68-01-1865; prepared by Wilbur Smith Associates, Denver, Colo.] + EP 1.2: Us 2
- 10881 Western Environmental Research Laboratory, annual report 1971. [1972.] cover title, 64 p. il. 4° [Map on p. 3 of cover.] # EP 1.14/2: 971
- 10882 Youth action programs in EPA Oct. 1973. [1]+iii+13 p. il. (Personnel Division, Office of Administration, Office of Planning & Management.) + EP 1.2: Y 8

ENVIRONMENTAL RESEARCH LABORATORIES, Commerce Dept. Boulder, CO 80302

- 10883 National Severe Storms Laboratory project highlights fy 1973 [with lists of references]. [1974.] 16 leaves, 4° + C 55.602: N 21 s/973

FEDERAL AVIATION ADMINISTRATION, Transportation Dept. Washington, DC 20553

- 10884 Acceptable methods, techniques, and practices, Aircraft alterations, Change 15. [Jan. 15, 1974.] [11] p. il. 4° (Advisory circular AC 43.13-2.) [Issued with perforations.] * Paper, \$2.50 (basic and supplementary material for indefinite period); add \$5.00 for foreign mailing. ● Item 431-F-6 TD 4.28: 973/ch.15
- 10885 FAA air traffic activity, fiscal year and calendar year 1972; [prepared by George E. Thompson]. June 1973. viii+627 p. il. 4° (Information and Statistics Division, Office of Management Systems.) * Paper, \$5.30 (S/N 5007-00193). ● Item 431-C-1 TD 4.19: 972
- Federal aviation regulations. [Issued with perforations.]
- 10886 pt. 11. General rule-making procedures. May 1974. [31] p. 4° [Consolidated reprint incorporating Amendments 11-1 through 11-12.] * Paper, 55c. (S/N 5007-00236). ● Item 431-C-13 TD 4.6: 11/2
- 10887 pt. 21. Certification procedures for products and parts. May 1974. cover title, [105] p. 4° [Consolidated reprint incorporating Amendments 21-1 through 21-39.] * Paper, \$3.75 (basic and supplementary material for indefinite period); add \$1.00 for foreign mailing. ● Item 431-C-13 TD 4.6: 21/2

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Federal aviation regulations. [Issued with perforations.]—Continued

- 10888 pt. 101. Moored balloons, kites, unmanned rockets, and unmanned free balloons. Mar. 1974. [2]+v+7+4 p. 4° [Consolidated reprint incorporates amdts. 101-1 through 101-3.] * Paper, 65c. (S/N 5007-00223). ● Item 431-C-13 TD 4.6: 101
- 10889 pt. 185. Testimony by employees and production of records in legal proceedings, and service of legal process and pleadings. [Revised edition.] May 1974. [11] p. 4° [Effective Oct. 17, 1969.] * Paper, 30c. (S/N 5007-00237). ● Item 431-C-13 TD 4.6: 185/2
- 10890 pt. 187. Fees. May 1974. [13] p. [Consolidated reprint incorporating Amendments 187-1 through 187-3.] * Paper, 35c. (S/N 5007-00234). ● Item 431-C-13 TD 4.6: 187/2
- 10891 Fourth annual report of operation under Airport and airway development act (Public law 91-258, 91st Congress, approved May 21, 1970) fiscal year 1973. [1973, published 1974.] [7]+98+[3] p. il. 4° # ● Item 177-B TD 4.22/2: 973
- 10892 Hazard associated with sublimation of solid carbon dioxide (dry ice) aboard aircraft. [May 1, 1974.] 3 p. 4° (Advisory circular AC 103-4.) [Issued with perforations.] + TD 4.8: Ic 2/2
- 10893 Model aircraft operating standards. July 1972. [3] p. il. narrow 8° ([Advisory circular], AC 91-34.) # TD 4.8: M 72
- 10894 Report of 12th annual United Kingdom Civil Aviation/United States Federal Aviation Administration meeting, June 20-23, 1972, Washington, D.C. [1973.] cover title, vi+67 p. 4° # TD 4.2: Un 3 k/972
- 10895 Third annual report of operations under Airport and airway development act (Public law 91-258, 91st Congress, approved May 21, 1970) fiscal year 1972. [1972.] [7]+87 p. 4° # TD 4.22/2: 972

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

- 10896 Story of Federal Bureau of Investigation. [March, 1974.] [2]+20+[1] p. il. 4° + ● Item 721 J 1.14/2: F 31/974

FEDERAL COMMUNICATIONS COMMISSION Washington, DC 20554

- 10897 Rules and regulations: v. 10, Mar. 1973. [1973.] cover title, 123 p. 4° [Includes—pt. 41, Telegraph and telephone franks—pt. 42, Preservation of records of communication common carriers—pt. 43, Reports of communication common carriers and certain affiliates—pt. 51, Occupational classification and compensation of employees of telephone companies—pt. 52, Classification of wire-telegraph employees—pt. 61, Tariffs—pt. 62, Application to hold interlocking directories—pt. 63, Extension of lines and discontinuance of service by carriers—pt. 64, Miscellaneous rules relating to common carriers—pt. 66, Applications relating to consolidation, acquisition, or control of telephone companies—pt. 67, Jurisdictional separations.] * Paper, \$4.00 (including basic volume and supplementary material for indefinite period), add \$1.00 for foreign mailing. ● Item 287 CC 1.6/10: 973

FEDERAL ENERGY OFFICE, Executive Office of the President Washington, DC 20461

- 10898 Fuel and needs of agriculture, remarks by William E. Simon, Administrator, Federal Energy Office, Deputy Secretary of Treasury, before Agricultural Outlook Conference, Department of Agriculture, Washington, D.C., Dec. 17, 1973. [1973]. 10 p. 4° (E-73-22.) + PrEx 21.10: S1 5/7
- 10899 Remarks of Duke R. Ligon, Assistant Administrator, Policy, Planning and Regulation before Wings Club, New York, N.Y., Apr. 17, 1974. [1974.] [1]+16 p. 4° (S-74-155.) + PrEx 21.10: L 62

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- 10900 Remarks of John C. Sawhill, Administrator, Federal Energy Office, before National Coal Association, Washington, D.C., June 17, 1974. 1974. 7 p. 4° + PrEx 21.10: Sa 9/12
- 10901 Remarks of John C. Sawhill, Administrator, Federal Energy Office, before Orlando Tourism Conference, Orlando, Fla., May 3, 1974. [1974.] 10 p. 4° + PrEx 21.10: Sa 9/8

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

Current housing market situation (series).

- 10902 Lansing, Mich. as of Aug. 1, 1973. Apr. 1974. cover title. [1]+9 p. 9 tab., 4° ([Economic and Market Analysis Division, Detroit Area Office.]) + HH 2.28/2: L 29/973
- 10903 FHA regulations: [Property loan improvement insurance under Title 24, subchapter A, pt. 201, Code of Federal Regulations]. [Feb. 1974.] [4] p. (FHA 2000.) [Includes transmittal 23. Issued with perforations.] + HH 2.6: L 78/2/972/trans.23
- 10904 Minimum property standards for 1 and 2 living units, interim revision 57. Apr. 1974. [11] p. 4° (FHA 300.) [Issued with perforations.] + HH 2.17/4: 965/rev.pages-10
- 10905 Minimum property standards for multifamily housing, general revision M-22. Feb. 1973. [11] p. 4° (FHA 2600.) [Issued with perforations.] + HH 2.17/3: M 91/rev.M-22
- 10906 Minimum property standards for multifamily housing, general revision M-24. Apr. 1974. [16] p. 4° (FHA 2600.) [Issued with perforations.] + HH 2.17/3: M 91/rev.M-24

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

- 10907 Federal crime insurance program commercial and residential policies. June 1974. 1 p. 4° (HUD-309-1(6).) + HH 10.2: C 86

FEDERAL MARITIME COMMISSION Washington, DC 20573

SP (series).

- 10908 74-4. Remarks of Commissioner George H. Hearn of Federal Maritime Commission before opening session of 8th annual conference of International Longshoremen's Assoc., AFL-CIO, and Employers' Educational Foundation, Inc., Miami Beach, Fla., Apr. 24, 1974. [1974.] 18 p. 4° + FMC 1.9: 74-4
- 10909 74-5. Remarks of Commissioner George H. Hearn of Federal Maritime Commission at 25th Annual Institute on Foreign Transportation and Port Operations sponsored by Tulane University, New Orleans, La., May 8, 1974. [1974.] 12 p. 4° + FMC 1.9: 74-5
- 10910 74-6. Remarks of Commissioner George H. Hearn of Federal Maritime Commission on National Maritime Day 1974, before Propeller Club of United States Port of San Diego, San Diego, Calif., May 22, 1974. [1974.] 9 p. 4° + FMC 1.9: 74-6

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

- 10911 25. Indians, revised as of Apr. 1, 1974. [1974.] vi+498 p. [Contains codification of documents of general applicability and future effect as of Apr. 1, 1974, with ancillaries.] * Paper, \$3.60. ● Item 572 GS 4.108: 25/974
- 10912 26. Internal revenue, pt. 600-end, revised as of Apr. 1, 1974. [1974.] vi+140 p. [Contains codification of documents of general applicability and future effect as of Apr. 1, 1974, with ancillaries.] * Paper, \$1.40. ● Item 572 GS 4.108: 26/pt.600-end/974
- 10913 40. Protection of environment, revised as of July 1, 1973. [1973.] vi+1046 p. ii. [Contains codification of documents of general applicability and future effect as of July 1, 1973, with ancillaries.] * Paper, \$7.30. ● Item 572 GS 4.108: 40/973

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- 10914 Capacity utilization for major materials, revised measures; [prepared by Nathan Edmonson]. [1974.] p. 246-251 il. 4° [Reprinted from Federal reserve bulletin, Apr. 1974.] + FR 1.3/a: M 418/2
- 10915 Changes in bank lending practices, 1973; [prepared by Paul W. Boltz]. [1974.] p. 263-267 4° [Reprinted from Federal reserve bulletin, Apr. 1974.] + FR 1.3/a: L 546/5/973
- 10916 Changes in time and savings deposits at commercial banks, July-Oct. 1973; [prepared by Martha S. Scanlon]. [1974.] p. 252-262 4° [Reprinted from Federal reserve bulletin, Apr. 1974.] + FR 1.3/a: D 441/11/973-4
- 10917 Flow of funds accounts, 1973 year-end assets and liabilities outstanding. June 10, 1974. [4] p. oblong 8° (Flow of Funds and Savings Section, Division of Research and Statistics.) + FR 1.2: F 96/7/973
- 10918 Rules regarding delegation of authority, as amended, effective Apr. 4, 1974. [1974.] 13 p. 4° [12 CFR 265.] + FR 1.8/2: Au 8/974
- 10919 Sixtieth annual report, 1973, Board of Governors of Federal Reserve System [calendar year]. [1974.] [8]+367 p. il. + FR 1.1: 973
- 10920 Treasury and Federal reserve foreign exchange operations; prepared by Charles A. Coombs. [1974.] [191]-208 p. il. 4° [Reprinted from Federal reserve bulletin, Mar. 1974.] + FR 1.3/a: F 761/2/974

FEDERAL SUPPLY SERVICE, General Services Administration Washington, DC 20405

Consumer information series. CIS (series).

- 10921 18. Household cleaners. [May 1974.] [11] p. il. 4° (Consumer publication.)
* Paper, 30c. (S/N 2201-0059). • Item 558-A-2 GS 2.16: 18

Federal standards. [Issued with perforations.]

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

- 10922 300A. Ribbons, typewriter and composing machines (changeable type style); plastic and paper. Jan. 4, 1974. 3 p. 4° (FSC 7510.) [Specification Reference L-R-350 superseding Federal Standard 300, Apr. 22, 1970.] + • Item 563 GS 2.8/3: 300 A
- 10923 1002. Time and frequency reference information in telecommunication systems. Apr. 22, 1974. 2 p. 4° (FSC 5800.) + • Item 563 GS 2.8/3: 1002

FEDERAL TRADE COMMISSION Washington, DC 20580

- 10924 Evaluation of mandatory petroleum allocation program, Jan. 15-Feb. 28, 1974, staff report. Mar. 15, 1974. cover title, [569] p. 4° [Issued with perforations and with marginal index tabs.] @ Paper, \$19.00. • Item 535 FT 1.2: P 44/7

FTC packet.

- 10925 1. Vocational schools program, consumer education. [1974.] portfolio with 14 enclosures 4° ([Consumer Education Division.]) [Includes: Guidebooks, buyers guides and fact sheets.] * Paper, \$2.75. FT 1.2: V 85

FLIGHT STANDARDS SERVICE, Transportation Dept. Washington, DC 20553

- 10926 Flight test guide, instrument pilot, helicopter [pt. 61 revised]. 1973. vii+23 p. narrow 12° (AC 61-64.) * Paper, 40c. (S/N 5007-00215). • Item 431-F-3 TD 4.408: H 36/4

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- 10927 Service experience with liquid nitrogen fuel tank inerting system in FAA DC-9 aircraft, N119, final report; by Joseph Haddad, William C. McAdoo, Oscar E. Ball. June 1972. cover title, [1]+35+5+12 p. il. 4° (Report FS-140-72-1.) [Issued with perforations.] # TD 4.402 : N 63

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

- 10928 FDA chemist. [1974.] cover title, 8 p. il., 3 cards in pocket ([DHEW publication (FDA) 74-1012.]) [Cards in pocket contain information for job applicants, Text on p. 2 and 3 of cover.] + ● Item 475 HE 20.4002 : C 42
- 10929 FDA microbiologist. [1974.] cover title, 8 p. il., 3 cards in pocket ([DHEW publication (FDA) 74-1014.]) [Cards in pocket contain information for job applicants, Text on p. 2 and 3 of cover.] + ● Item 475 HE 20.4002 : M 58/2

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

FNS (series).

- 10930 108. Food buying guide for child care centers; by Amella Cazler and Olive M. Batcher. May 1974. cover title, 43 p. il. 4° [Prepared by Nutrition and Technical Services Staff, Food and Nutrition Service and Consumer and Food Economics Institute, Agricultural Research Services.] * Paper, 85c. ● Item 74-A-2 A 98.9 : 108

FOREST SERVICE, Agriculture Dept. Washington, DC 20250

- 10931 Annual letter, 1973, Institute of Tropical Forestry, Rio Piedras, P.R. [May 1, 1974.] [15] p. il. 4° [Includes list of completed and published reports, 1973. English and Spanish.] + A 13.64/1 : 973
- 10932 Institute of Tropical Forestry list of available publications for distribution. May 1974. 4 leaves, 4° (Institute of Tropical Forestry.) + Institute of Tropical Forestry, P.O. Box AQ, Rio Piedras, Puerto Rico 00928 A 13.64/9 : 974
- 10933 National forest log scaling handbook [amdt. 4]. [Sept. 1973.] [41+v+184 p. il. narrow 12° (FSH 2409.11.) * Fabrikord, \$3.30 (S/N 0101-00364). ● Item 86-C A 13.36/2 : L 82/973

GENERAL ACCOUNTING OFFICE Washington, DC 20548

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- 10934 Examination of financial statements of Government National Mortgage Association for fiscal year 1973, Department of Housing and Urban Development. June 3, 1974. cover title, [4]+25 p. 4° (B-114828.) GA 1.13 : G 74/7/973
- 10935 Problems in managing development of aircraft engines, Department of Defense. May 23, 1974. cover title, [4]+33 p. 4° (B-179166.) GA 1.13 : En 3/16
- 10936 Progress and problems in developing nuclear and other experimental techniques for recovering natural gas in Rocky Mountain area, Atomic Energy Commission, Department of Interior, Federal Power Commission. Apr. 2, 1974. cover title, [4]+83 p. il. 4° (B-164105.) GA 1.13 : G 21/5
- 10937 Review of testing and evaluation policies and procedures [weapons systems], Department of Defense. Apr. 18, 1974. cover title, 3 leaves 4° (B-163058.) GA 1.13 : W 37/11/974

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GOVERNMENT PUBLICATIONS

- 10938 Transit authority's system of reporting on status of METRO's costs and construction progress needs to be improved. Mar. 13, 1974. cover title, [4]+35 p. il. 4° (B-141529.)
L.C. card 74-602158 GA 1.13: St 2/6
- 10939 U.S. General Accounting Office, Comptroller General of United States, purposes, functions, services. [1973.] cover title, 36 p. il. oblong 12° +
GA 1.2: P 97/973

GEOLOGICAL SURVEY, Interior Dept. Washington, DC 20242

Bulletin.

- 10940 1394-A. Changes in stratigraphic nomenclature by Geological Survey, 1972 [with list of references]; by George V. Cohee and Wilna B. Wright. 1974. iv+93 p. il. [Contributions to stratigraphy.] * Paper, \$1.00 (S/N 2401-02450). ● Item 620
L.C. card 73-600312 I 19.3: 1394-A
- 10941 Characteristics of streamflow at gaging stations in Loup River basin, Nebraska [with selected bibliography]; by F. B. Shaffer. Lincoln, Neb., Jan. 1974. [1]+iii+105 p. il. 4° (Water Resources Division, Nebraska District.) [Open-file report/7401; prepared in cooperation with Nebraska Department of Water Resources.] # I 19.2: L 93

Circular.

- 10942 690. Seismic hazards and land-use planning [with list of references cited]; by D. R. Nichols and J. M. Buchanan-Banks. 1974. vi+38 p. il. 4° +
● Item 620-A I 19.4/2: 690
L.C. card 74-601728
- 10943 697. Water from coastal plain aquifers in Washington, D.C., metropolitan area [with list of references]; by S. S. Papadopoulos [and others]. 1974. iii+11 p. il. 4° + ● Item 620-A
L.C. card 74-601878 I 19.4/2: 697
- 10944 Flood profiles in Umpqua River basin, Oreg., pt. 2 [with list of references]; by Eugene O. Oster. Portland, Oreg., 1973. [2]+iiii+113 p. il. 4° ([Water Resources Division.]) [Open-file report. Prepared in cooperation with Douglas County.] # I 19.2: Um 6/4
- 10945 Flood survey at proposed TAPS crossing of Yukon River near Stevens Village, Alaska [with list of selected references]; by Joseph M. Childers and Robert D. Lamke. Anchorage, Alaska, 1973. [3]+12 p. il. 4° [Open-file report.] # I 19.2: Al 1/16

Investigation of floods in Hawaii, progress report.

- 10946 16. Through Sept. 30, 1973; by R. H. Nakahara. Jan. 1974. viii+175 p. 4° (Water Resources Division.) [Basic data release. Prepared in cooperation with Hawaii State Department of Land and Natural Resources, Division of Water and Land Development and City and County of Honolulu.] # I 19.57: 16

Professional paper.

- 10947 772. Gold-bearing gravel of ancestral Yuba River, Sierra Nevada, Calif. [with list of references cited]; by Warren E. Yeend. 1974. iv+44 p. il. 2 pl. in pocket, 4° [Restudy of unmined Tertiary place deposits in historic hydraulic mining region.] * Paper, \$2.70 (S/N 2401-02430). ● Item 624
L.C. card 73-600210 I 19.16: 772
- 10948 829. Geology and mineral deposits of Poncha Springs SE quadrangle, Chaffee County, Colo. [with list of references cited]; by Ralph E. Van Alstine. 1974. iii+19 p. il., 1 pl. in pocket, 4° [Work done in cooperation with Colorado State Mining Industrial Development Board. Description of Precambrian, Tertiary, and Quaternary geology and examined deposits of copper-zinc, fluorspar, gravel and sand, manganese, and pegmatite in part of Arkansas Valley. Plate is colored.] * Paper, \$1.95 (S/N 2401-02444). ● Item 624
L.C. card 73-600277 I 19.16: 829
- 10949 833. Computer model for determining bank storage at Hungry Horse Reservoir, northwestern Montana [with list of selected references]; by T. H. Thompson. 1974. iii+16 p. il. 4° [Prepared in cooperation with Bonneville Power Administration.] * Paper, 65c. (S/N 2401-02485). ● Item 624
L.C. card 73-600313 I 19.16: 833
- 10950 Types of maps published by Government agencies. [1974.] [2] p. narrow f° folded into oblong 32° size (USGS: INF-72-33(R-1).) * Paper, 25c.
I 19.2: M 32/10/974

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- 10951 United States Geological Survey. [Jan. 1974.] cover title, p. 2-27, il. (INF-74-2.) [Pages 2 and 27 are p. 2 and 3 of cover. Some illustrations are colored.] + ● Item 621 I 19.2: G 29/8/974
- 10952 Vegetation in relation to water depth in conservation area 3, Florida [with list of literature cited]; by Benjamin F. McPherson. 1973. [62] p. il. 4° [Open file report 73025. Prepared in cooperation with Central and Southern Florida Control District, Tallahassee, Fla.] # I 19.2: F 66/3
- 10953 Water resources data for California, 1971: pt. 1, Surface water records, v. 2, Northern Great Basin and Central Valley; [with list of selected references]. [1974.] xv+527-1041 p. il. 4° [Prepared in cooperation with California Department of Water Resources and with other agencies.] + Water Resources Div. Geological Survey, 855 Oak Grove Ave., Menlo Park, CA 94025 I 19.53/2: C 12/971/pt.1/v.2
- 10954 Water resources data for California, 1972: pt. 1, Surface water records, v. 2, Northern Great Basin and Central Valley [with list of selected references]. [1974.] xv+513-1043 p. il. 4° [Prepared in cooperation with California Department of Water Resources and other agencies.] + District Chief, Water Resources Division, Geological Survey, 855 Oak Grove Ave., Menlo Park, CA 94025 I 19.53/2: C 12/972/pt.1/v.2
- 10955 Water resources data for Montana, 1972: pt. 2, Water quality records; [with list of selected references]. [1973.] v+240 p. il. 4° [Prepared in cooperation with State of Montana and with other agencies.] + Water Resources Div., U.S. Geological Survey, 421 Federal Bldg., P.O. Box 1696, Helena, MT 59601 I 19.53/2: M 76/972/pt.2
- 10956 Water resources data for New Mexico, 1970: pt. 2, Water quality records. 1973. vi+277 p. 4° [Prepared in cooperation with State of New Mexico and with other agencies.] + District Chief, Water Resources Division, Geological Survey, P.O. Box 4369, Albuquerque, N.M. 87106 I 19.53/2: N 42m/970/pt.2
- 10957 Water resources data for New York, 1972: pt. 2, Water quality records [with list of selected references]. [1973.] cover title, vi+262 p. il. 4° [Prepared in cooperation with State of New York and with other agencies.] # I 19.53/2: N 42y/973/pt.2
- Water-supply paper.
- 10958 1989. Water resources of Little River Basin, Louisiana [with selected references] by M. W. Gaydos, J. E. Rogers and R. P. Smith. 1973. iv+74 p. il. 4 pl. in pocket [Prepared in cooperation with Louisiana Department of Public Works and Louisiana Geological Survey Department of Conservation, Baton Rouge, La. 2 pl. are colored.] * Paper, \$3.15 (S/N 2401-02416). ● Item 625 L.C. card 73-600030 I 19.13: 1989

HEALTH, EDUCATION, AND WELFARE DEPARTMENT Washington, DC 20201

- 10959 Conference in matter of pollution of interstate waters of Monongahela River and its tributaries, v. 1, Dec. 17, 1973, Pittsburgh, Pa. 1963. cover title, 291 p. il. 4° + Environmental Protection Agency HE 1.2: M 75/v.1
- 10960 Making it work, Allied health services act of 1972. [1972.] [6] p. il. narrow 8° ([DHEW publication (OS) 72-00.]) + HE 1.2: A1 5
- 10961 Studies of death, injuries, and economic losses resulting from accidental burning of products, fabrics, or related materials, report to the President and the Congress; by Secretary of Health, Education, and Welfare, [1974.] cover title, [1]+58 p. 4° [First report as required under sec. 14(a) of Flammable fabrics act, covering period Sept. 1965-Feb. 1969.] # HE 1.2: B 93

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HOUSING AND URBAN DEVELOPMENT DEPARTMENT Washington, DC 20410

- 10962 Annual report of HUD activities under Uniform relocation assistance and real property acquisition policies act of 1970, fiscal year 1973. 1973. cover title, [110] p. il. 4° + HH 1.49: 973
- 10963 Equal opportunity in housing, manual for corporate employers. [1974.] [4]+53 p. ([HUD EO-45.]) [Prepared under contract by Westchester Residential Opportunities, Inc.] *Paper, 65c. (S/N 2300-00253.). ● Item 582-E HH 1.6/3: Eq 2
- HUD handbook. [Issued with perforations.]
- 10964 4110.2. Mortgagees' guide, home mortgage insurance, fiscal instructions, Change. Mar. 18, 1974. [51] p. 4° [Includes transmittal notice.] + HH 1.6/6: 4110.2/ch.-2
- 10965 7410.1. Low-rent public housing preconstruction handbook, Change. Apr. 5, 1974. [7] p. 4° (Housing Production and Mortgage Credit.) [Issued with transmitting circular 1.] + HH 1.6/6: 7410.1/ch.
- 10966 7425.1. Low-rent public housing turnkey handbook, Change. Apr. 2, 1974. [9] p. 4° (Housing Production and Mortgage Credit.) [Includes transmitting circular 1.] + HH 1.6/6: 7425.1/ch.
- HUD international information sources series. (Office of International Affairs.)
- 10967 Urban institutions abroad. May 1974. 23 p. 4° ([HUD-279-3-IA.]) + HH 1.40/4: Ur 1
- 10968 National flood insurance program. [Oct. 1973.] [12] p. il. narrow 8° ([HUD-283-I (5).]) + HH 1.2: F 65/973-2
- 10969 New communities in selected European countries. [Apr. 1974.] [2] p. il. oblong f° folded into oblong 16° size. ([HUD-333-1-1A.] HUD International; Office of International Affairs.) + ● Item 582 HH 1.2: Eu 7/4
- Operation Breakthrough, site planner's report.
- 10970 Jersey City, N.J. [1974.] cover title, 48 p. il. oblong 8° + HH 1.48: J 48
- 10971 Memphis, Tenn. [1974.] cover title, [4]+x+51 p. il. oblong 8° [Final report.] + HH 1.48: M 51
- 10972 Saint Louis, Mo. [1974.] cover title, 37 p. il. oblong 8° + HH 1.48: Sa 21
- Report HUD-HAI (series). (Office of Assistant Secretary for Policy Development and Research.) [Contract H-1654, Hittinan Associates, Inc., Columbia, Md.]
- 10973 1. Residential energy consumption report [with bibliography]. Mar. 1972 [published 1974]. [81] p. il. 4° ([HUD-PDR-29-9.]) Office of Assistant Secretary for Research and Technology. *Paper, \$1.20 (S/N 2300-00262). ● Item 582 HH 1.2: En 2/6/phase 1
- 10974 L.C. card 74-601485
- 10974 2. Residential energy consumption: Single family housing, final report [with list of references]. Mar. 1973 [published 1974.] vii+174 p. il. 4° (HUD-PDR-29-2.) *Paper, \$2.10 (S/N 2300-00258). ● Item 582 HH 1.2: En 2/5
- 10975 L.C. card 74-601494
- 10975 3. Residential energy consumption: Multi-family housing data acquisition [with list of references]. Oct. 1972 [published 1974.] viii+76 p. il. 4° (HUD-PDR-29-5: Office of Assistant Secretary for Research and Technology.) *Paper, \$1.20 (S/N 2300-00260). ● Item 582 HH 1.2: En 2/2
- 10976 5. Residential energy consumption: Verification of time-response method for heat load calculation [with list of references]. Aug. 1973 [published 1974.] iv+18 p. il. 4° ([HUD-PDR-29-8.]) *Paper, 60c. (S/N 2300-00259). ● Item 582 HH 1.2: En 2/4
- 10977 6. Applicability of residential energy consumption analyses to various geographic areas [with list of references]. Nov. 1973 [published 1974.] iii+13 p. il. 4° ([HUD-PDR-29-12.]) *Paper, 55c. (S/N 2300-00256). ● Item 582 HH 1.2: En 2/3
- 10978 Special report on techniques of aided self-help housing, some examples of U.S. and overseas experience [with bibliography; by Ervan Bueneman]. [Nov. 1973.] [1]+ii+24 p. 4° (Office of International Affairs.) + HH 1.2: Se 4/973-2
- 10979 State laws enacted in 1972 of interest to Department of Housing and Urban Development as reported by Commerce Clearing House and other unofficial sources. Dec. 1973. cover title, 379+[1] p. 4° (HUD-OGC-53; Office of General Counsel.) + ● Item 583 HH 1.5: St 2/2/972

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- 10980 Your housing rights, live where you want to live. [Feb. 1974.] [2] p. il. folded into oblong 32° size ([HUD-177-EO(2).]) + ● Item 582
HH 1.2: R 44/974

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.

- 10981 74-027. Republic of China. Apr. 1974. 12 p. 4° (American Embassy, Taipei.) [Semiannual. Supersedes ET 73-088.] ● Item 231-I
C 57.111: 74-027

INTERSTATE COMMERCE COMMISSION Washington, DC 20434

- 10982 Wage statistics of class 1 railroads in United States (switching and terminal companies not included). Dec. 1973. 3 p. oblong large 8° (Statement 300, Bureau of Accounts.) + IC 1 ste 25: 973-2

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

- 10983 Statistical reference book of international activities, fiscal year 1973 funds; prepared by International Cooperation and Geographic Studies Branch Fogarty International Center. Feb. 1974. vi+52 p. il. oblong 32° (DHEW publication (NIH) 74-64.) + ● Item 507-C-4 HE 20.3712: 973

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Soviet public health, USSR, no. 8, 1974; JPRS 63173
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Translations on Western Europe, nos. 556-576; JPRS 62964, 62979, 63000, 63007, 63016, 63056, 63078, 63085, 63094, 63106, 63117, 63146, 63159, 63169, 63192, 63204, 63212, 63225, 63248, 63268, 63276

USA: Economics politics, ideology, no. 9, 1974; JPRS 63209

USSR and East Europe scientific abstracts: Biomedical sciences, nos. 18, 19; JPRS 63025, 63278

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USSR and East Europe scientific abstracts: Engineering and equipment, no. 12; JPRS 62960

USSR and East Europe scientific abstracts: Materials science and metallurgy, no. 18; JPRS 63215

Vestnik of the USSR Academy of Medical Sciences, no. 6, 1974; JPRS 62993

World epidemiology review, nos. 54, 55; JPRS 62982, 63251

JPRS (series).

- 10984 62194. Computers in economics and scientists of future. USSR [articles]. June 7, 1974. cover title, [1]+a+14 p. 4° [From Budushchere Nauki, 1972.] @ Paper, \$3.00. Y 3.J 66: 13/62194
- 10985 62249. Contribution of university scientists, USSR: by M. T. Nuzhlin. June 4, 1974. cover title, [1]+12 p. 4° [From Vestnik vysshey shkoly, Mar. 1974.] @ Paper, \$3.00. Y 3.J 66: 13/62249
- 10986 62250. Semiconductor devices and their applications, USSR: June 14, 1974. cover title, [1]+a+48 p. il. 4° [From Poluprovodnikovyye pribory i ikh primeneniye, no. 27, 1973.] @ Paper, \$3.00. Y 3.J 66: 13/62250
- 10987 62251. Statistical methods of studying natural objects, USSR [with bibliographies]; by G. A. Sergeyev, D. A. Yanutsh. June 17, 1974. cover title, [1]+a-b+114 p. il. 4° [Publication of Gidrometeoizdat, Leningrad, 1973.] @ Paper, \$3.00. Y 3.J 66: 13/62251
- 10988 62252. Minima for landing aircraft, USSR: by S. L. Belogradskiy. June 17, 1974. cover title, [1]+6 p. 4° [From Grazhdanskaya aviatsiya, no. 10, 1971.] @ Paper, \$3.00. Y 3.J 66: 13/62252
- 10989 62257. ASVT-M control computer complexes and future of their development, USSR: by B. N. Naumov. June 17, 1974. cover title, [1]+6 p. 4° [From Priory I Sistemy Upravleniya, no. 4, 1974.] @ Paper, \$3.00. Y 3.J 66: 13/62257
- 10990 62274. Circulation and dust content in Venusian atmosphere found from wind velocity measurements by Venera-8 automatic interplanetary station [with list of references]; by V. V. Kerzhanovich, M. Ya. Marov. June 19, 1974. cover title, [1]+7 p. il. 4° [From Doklady Akademii Nauk SSSR, no. 3, 1974.] @ Paper, \$3.00. Y 3.J 66: 13/62274
- 10991 62780. Special report: Translations on law of the sea, World wide, 9. Aug. 21, 1974. cover title, [1]+a-d+63 p. 4° @ Paper, \$3.00. Y 3.J 66: 13/62780
- 10992 62782. Staff of Interdepartmental Geophysical Committee of USSR Academy of Sciences, USSR, Aug. 21, 1974. cover title, [1]+32 p. 4° [From Geofizicheskii bulletin, no. 26, 1973.] @ Paper, \$3.00. Y 3.J 66: 13/62782
- 10993 62784. Research projects accepted for Lenin and State prize competition, USSR, Aug. 21, 1974. cover title, [1]+17 p. 4° [From Izvestiya, June 16, 1974.] @ Paper, \$3.00. Y 3.J 66: 13/62784
- 10994 62823. Development of stationary plasma engine and its testing aboard meteor artificial earth satellite, USSR [with bibliography]; by L. A. Artsimovich, et al. Aug. 27, 1974. cover title, [1]+29 p. il. 4° [From Kosmicheskoye issledovaniya, no. 3, 1974.] @ Paper, \$3.00. Y 3.J 66: 13/62823
- 10995 62848. Reference aid: Abbreviations, acronyms and special terms in Turkish press, Near East. Aug. 28, 1974. cover title, [1]+a+55 p. 4° @ Paper, \$3.00. Y 3.J 66: 13/62848
- 10996 62865. Translations on biological effects of magnetic fields, USSR [articles, with bibliographies by L. N. Yashina et al.], Sept. 3, 1974. cover title, [1]+a-b+46 p. il. 4° [From Gigiyena truda i professional'nyye zabolevaniya, no. 16(2) and other Russian publications.] @ Paper, \$3.00. Y 3.J 66: 13/62865
- 10997 62905. Sound and sea, USSR [with bibliography]; by I. I. Klyukin. Sept. 6, 1974. cover title, [1]+a+223 p. il. 4° [Publication of Izdatel'stvo Sudostroyeniye, Leningrad, 1974.] @ Paper, \$3.00. Y 3.J 66: 13/62905

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- 10998 62915. Geophysical equipment, USSR [with bibliographies]. Sept. 9, 1974. cover title, [1]+a+33 p. il. 4° [Publication of Izdatel'stvo Nedra, Leningrad, 1973.] @ Paper, \$3.00. Y 3 J 66: 13/62915
- 10999 62918. Liquid crystal structure of biological membranes, USSR [with bibliography]. Sept. 9, 1974. cover title, [1]+6 p. 4° [From Doklady akademii nauk SSSR, v. 214, no. 4, 1974.] @ Paper, \$3.00. Y 3 J 66: 13/62918
- 11000 62919. Psychology of radar operator under combat condition, USSR; by V. I. Kovalev. Sept. 9, 1974. cover title, [1]+a+111 p. il. 4° [Publication of Voenyendat, Moscow, 1973.] @ Paper, \$3.00. Y 3 J 66: 13/62919
- 11001 62920. Price list 45 of reappraisal of specialized communications, radio and television equipment as of Jan. 1, 1973, USSR; [by A. A. Konarevskiy, V. I. Dotsenko]. Sept. 9, 1974. cover title, [1]+a-b+239 p. 4° [Publication of Izdatel'stvo Svyaz, Moscow, 1972.] @ Paper, \$3.00. Y 3 J 66: 13/62920
- 11002 62925. Evolution and improvement of tool steels, USSR [with list of references: A. K. Petrov, editor]. Sept. 10, 1974. cover title, [1]+a-b+154 p. il. 4° [Publication of Izdatel'stvo Metallurgiya, Moscow, 1973.] @ Paper, \$3.00. Y 3 J 66: 13/62925
- 11003 62941. Special report: Translations on law of the sea, World wide, 10. Sept. 11, 1974. cover title, [1]+a-c+38 p. 4° @ Paper, \$3.00. Y 3 J 66: 13/62941
- 11004 62942. Effects of non-ionizing electromagnetic radiations, USSR [articles with bibliographies]. Sept. 12, 1974. cover title, [1]+a+30 p. il. 4° [From Biofizika, v. 18, no. 6, 1973 and v. 19, no. 3, 1974; Voenno-polevaya terapiya, 1973; Kosmicheskiye issledovaniya, v. 12, no. 3, 1973.] @ Paper, \$3.00. Y 3 J 66: 13/62942
- 11005 62944. Ways of improving agrometeorological forecasting, USSR [with bibliographies]. Sept. 12, 1974. cover title, [1]+a-b+169 p. il. 4° [Publication of Gidrometeorologicheskoye Izdatel'stvo, Leningrad, 1971.] @ Paper, \$3.00. Y 3 J 66: 13/62944
- 11006 62945. Information recording mechanism in nervous system, USSR [with bibliography]; by S. I. Rozanov. Sept. 12, 1974. cover title, [1]+11 p. il. 4° [From Zhurnal obshchey biologii, no. 6, 1973.] @ Paper, \$3.00. Y 3 J 66: 13/62945
- 11007 62946. Commission for neurophysiology and higher nervous activity, USSR. Sept. 12, 1974. cover title, [1]+11 p. il. 4° [From Nauka i zhizn, no. 11, 1973.] @ Paper, \$3.00. Y 3 J 66: 13/62946
- 11008 62947. Physics of spaceflight USSR [with bibliography]; by S. N. Palkin. Sept. 12, 1974. cover title, 1+a+35 p. il. 4° [Publication of Izdatel'stvo Znaniye, RSFSR, Leningrad, 1973.] @ Paper, \$3.00. Y 3 J 66: 13/62947
- 11009 62958. Scattering of acoustical signals from sea surface, USSR [articles with bibliographies]. Sept. 13, 1974. cover title, [1]+a+36 p. il. 4° [From Akusticheskiy zhurnal, nos. 2, 3, 1974.] @ Paper, \$3.00. Y 3 J 66: 13/62958
- 11010 62959. One centner of grain in 15 minutes, USSR; by Stanislav I. Gavriluk. Sept. 13, 1974. cover title, [1]+28 p. il. 4° [Publication of Kolos Publishing House Moscow, 1974.] @ Paper, \$3.00. Y 3 J 66: 13/62959
- 11011 62971. Chernomor-2 Soviet-Bulgarian experiment, USSR. Sept. 16, 1974. cover title, [1]+a+13 p. il. 4° [From Vokrug sveta, no. 2, 1974.] @ Paper, \$3.00. Y 3 J 66: 13/62971
- 11012 62980. Use of artificial earth satellites for measuring waves, USSR [with bibliography]; by A. A. Zagorodnikov. Sept. 16, 1974. cover title, [1]+15 p. il. 4° [From Izvestiya Akademii Nauk SSSR, Fizika atmosfery i okeana, v. 10, no. 7, 1974.] @ Paper, \$3.00. Y 3 J 66: 13/62980
- 11013 62981. Peculiarities of influence of different types on tolerance of human body to extreme heat exposure, USSR [with bibliography]; by F. T. Agarkov, V. A. Romanenko, I. A. Merkur'yev. Sept. 17, 1974. cover title, [1]+5 p. 4° [From Fiziologicheskii zhurnal SSSR, no. 6, 1974.] @ Paper, \$3.00. Y 3 J 66: 13/62981
- 11014 62998. Special report: Translations on law of the sea, World wide, 11. Articles from CNEXO bulletin. Sept. 18, 1974. cover title, [1]+a-b+42 p. 4° @ Paper, \$3.00. Y 3 J 66: 13/62998
- 11015 63013. Geodesy and aerial photography, 1972, USSR. [with bibliographies]. Sept. 19, 1974. cover title, [1]+173 p. 4° [From Izvestiya vysshikh uchebnykh zavedeniy, geodeziya i areofotos'yemka, no. 6, 1972.] @ Paper, \$3.00. Y 3 J 66: 13/63013
- 11016 63027. Determination of distribution of thin-shelled spheres by diameters from electromagnetic radiation scattering data, USSR [with bibliography]; by I. S. Fedorova, V. B. Yemel'yanov. Sept. 23, 1974. cover title, [1]+8 p. 4° [From Biofizika, v. 18, no. 6, 1973.] @ Paper, \$3.00. Y 3 J 66: 13/63027
- 11017 63034. Economy in design operations, USSR [with bibliography]; by I. A. Bandyk. Sept. 23, 1974. cover title, [1]+a-b+127 p. il. 4° [Publication of Izdatel'stvo kartya moldovenyaskie, Kishinev, 1972.] @ Paper, \$3.00. Y 3 J 66: 13/63034
- 11018 63038. Influence of magnetic fields on biological objects, USSR [with bibliography]; edited by Yu. A. Kholodov. Sept. 24, 1974. cover title, [1]+a-c+255 p. il. 4° [Moscow, 1961. Errata, 1 p. issued also.] @ Paper, \$3.00. Y 3 J 66: 13/63038

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- 11019 63043. Synthesis of new class of decoders for cyclic codes, USSR [with bibliography]; by Yu. I. Volkov, F. E. Keller. Sept. 24, 1974. cover title, [1]+12 p. il. 4° [From Kibernetika, no. 2, 1974.] @ Paper, \$3.00. Y 3.J 66:13/63043
- 11020 63047. Special report: Translations on law of the sea, World wide, 12. Articles from CNEOXO bulletin. Sept. 24, 1974. cover title, [1]+a-b+31 p. 4° @ Paper, \$3.00. Y 3.J 66:13/63047
- 11021 63050. Economic substantiation in design of seagoing cargo vessels, USSR [with bibliography]; by V. I. Krayev, O. K. Stupin, E. L. Limonov. Sept. 24, 1974. cover title, [1]+a+323 p. il. 4° [Publication of Izdatel'stvo sudostroyeniye, Leningrad, Oct. 10, 1973.] @ Paper, \$6.00. Y 3.J 66:13/63050
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JUSTICE DEPARTMENT Washington, DC 20530

- 11023 Sourcebook of criminal justice statistics, 1973 [with list of sources and references]; by Michael J. Hindelang [and others]. Aug. 1973. [2]+499 p. 4° (Law Enforcement Assistance Administration, National Criminal Justice Information and Statistics Service.) * Paper, \$6.95 (S/N 2700-00185). ● Item 717
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- 11025 Comprehensive employment and training act of 1973, management information system guide. Apr. 1974. [225] p. il. 4° (Manpower Administration.) [Issued with perforations.] + ● Item 745-A L 1.7/2: M 31/5

LABOR STATISTICS BUREAU, Labor Dept. Washington, DC 20210

Bulletin.

- 11026 1795-6. Area wage survey: Portland, Maine, metropolitan area, Nov. 1973. [Mar. 1974.] cover title, 31 p. oblong 8° * Paper, 65c: ● Item 768 L 2.3: 1795-6
- 11027 1795-12. Area Wage Survey: Jackson, Miss., metropolitan area, Jan. 1974. [May 1974.] cover title, 31 p. oblong 12° * Paper, 65c. ● Item 768 L 2.3: 1795-12
- 11028 1795-13. Area wage survey: Huntsville, Ala., metropolitan area, Feb. 1974. [May 1974.] cover title, 28 p. oblong 8° * Paper, 65c. ● Item 768 L 2.3: 1795-13
- 11029 Digest of selected pension plans, 1973 edition; prepared by Harry E. Davis, assisted by Evan L. Hodgins. [1974.] xi+359 p. 4° [Supersedes Digest of selected pension plans, 1970 edition, and its supplements Companion volume to digest of health and insurance plans, 1971 edition. Issued with perforations.] * Paper, \$9.25 (basic and supplemental material for indefinite period); add \$1.25 for foreign mailing. ● Item 768-K L 2.99: 973

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- 11030 Accessions list: Indonesia, Malaysia, Singapore and Brunei, cumulative list of Indonesia serials, 1964-Dec. 1973. Apr. 1974. cover title, [2]+316 p. 4° (ISSN 0041-7742; Library of Congress Office, Djakarta, Indonesia.) [Library of Congress National Program for Acquisitions and Cataloging.] + Libraries only
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- 11031 Harkness collection in Library of Congress; manuscripts concerning Mexico, guide with selected transcriptions and translations [with bibliography]; by J. Benedict Warren. 1974. xi+[1]+315 p. il. large 8° [Frontispiece is colored.] * Cloth, \$6.70 (S/N 3003-0012). ● Item 811-B-1
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L.C. card 74-8144 LC 4.2: Op 5
- 11033 National union catalog of manuscript collections, 1972, index 1970-72. 1974. xxv+[1]+744 p. 4° (ISSN 0090-0044: Library of Congress catalogs.) [Compiled from reports provided by American repositories with assistance from Council on Library Resources, Inc.] + Cloth, \$50.00, Card Division, Library of Congress, Building 159, Navy Yard Annex, Washington, DC 20541
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- 11035 Apprentice training, sure way to skilled craft. [Revised 1974.] [1974.] [2]+8 p. il. narrow 8° * Paper, 30c. (S/N 2906-00007). ● Item 745
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- JCH (series). (Occupational training handbook.)
- 11037 400-15.2. Job Corps occupational training program. 1974. [208] p. il. 4° (Job Corps.) [Issued with perforations. Supplements PM 400-15, Aug. 1968, PM 400-15.1, Jan. 1970.] + ● Item 857-H-1
L 1.58: 400-15.2
- Manpower research monograph.
- 11038 24. Years for decision, longitudinal study of educational and labor market experience of young women, v. 2; [by Roger D. Roderick and Joseph M. Davis]. 1974. vi+138 p. il. 4° * Paper, \$1.70 (S/N 2900-00208). ● Item 746-H
L.C. card 70-614217 L 1.39/3: 24/v.2

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

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

- 11039 767. Visual characteristics of submarine school candidates, submariners and Navy divers, information derived from longitudinal health study [with list of references]; by Christine L. McKay and Alma P. Ryan. [Feb. 1, 1974.] iii + 9 + A-2 + 2 p. il. 4° [Research work unit MF51.524.006-1002BF9I.02.]
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- 11040 771. Cholesterol levels in submariners, pilot study [with list of references]; by Lawrence W. Shlvertaker. [Feb. 5, 1974.] iii + 8 + A-2 + 2 p. 4° [Research work unit MF099.01.01-10.] #
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- 11041 Asbestos in 1973; prepared in Division of Nonmetallic Minerals. Dec. 27, 1973. 1 p. 4° (Mineral industry surveys; annual, preliminary.)
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- 11042 Barite in 1973; prepared in Division of Nonmetallic Minerals. July 17, 1974. 5 p. 4° (Mineral industry surveys.) [Annual advance summary.]
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11043 Bromine in 1973; prepared in Division of Nonmetallic Minerals-Mineral Supply. May 28, 1974. 4 p. 4° (Mineral industry surveys.) [Annual advance summary.] + Mines Bureau, Pittsburgh, PA 15213
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11044 Feldspar and related minerals in 1973; prepared in Division of Nonmetallic Minerals. June 7, 1974. 4 p. 4° (Mineral industry surveys.) [Annual advance summary.] + Mines Bureau, Pittsburgh, PA 15213
I 28.111: 973/advance

Information circular.

11045 8643. Technologic and related trends in mineral industries, 1973; by staff, Bureau of Mines. [1974.] iv+52 p. il. 4° * Paper, 95c. (S/N 2404-01609).
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Preprint from 1972 Minerals yearbook.

11047 Mineral industry of Argentina; [by Larry S. Dewey]. [1974.] [2]+11 p.
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11049 Mineral industry of Bolivia; [by V. Anthony Cammarota, jr.]. [1974.] [2]+8 p.
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Report of investigations.

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- 11072 7897. Geochemistry of liquids, gases and rocks from Smackover Formation [with list of references]; by A. Gene Collins. [1974.] [2]+ii+84 p. il. 4° + Mines Bureau, Pittsburgh, PA 15213 ● Item 637-A I 28.23: 7897
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- 11074 7910. Cleat in bituminous coalbeds [with bibliography]; by Charles M. McCulloch, Maurice Deul and P. W. Jeran. [1974.] [3]+25 p. il. 4° + Mines Bureau, Pittsburgh, PA 15213 ● Item 637-A I 28.23: 7910
- 11075 7911. Optimum gas saturation for maximum oil recovery from displacement by water [with list of references]; by Carlon S. Land and Francis M. Carlson. [1974.] [2]+ii+28 p. il. 4° [Based on work done in cooperation with University of Wyoming.] + Mines Bureau, Pittsburgh, PA 15213 ● Item 637-A I 28.23: 7911
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- 11078 Uranium in 1973; prepared in Division of Nonferrous Metals. Jan. 3, 1974. 2 p. 4° (Mineral industry surveys; annual, preliminary.) + Mines, Bureau, Pittsburgh, PA 15213 I 28.147: 973/prelim.
- 11079 Zinc in 1973; prepared in Division of Nonferrous Metals. Jan. 8, 1974. 2 p. 4° (Mineral industry surveys; annual, preliminary.) + Mines Bureau, Pittsburgh, PA 15213 I 28.69/2: 973/prelim.

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- 11081 3. Definition of one meter class ultraviolet-optical facility telescope for space-lab astronomy missions. May 3, 1974. 7 p. 4° + ● Item 830-C NAS 1.53: 3
- 11082 Appendices for space applications program, 1974 [with bibliography]; by Office of Applications. May 1974. [200] p. il. 4° # NAS 1.2: Ap 5/974/app.
- 11083 Development of solar-powered residential heating and cooling system. May 10, 1974. cover title, x+69 p. il. 4° (M-TU-74-3.) [Prepared at George C. Marshall Space Flight Center.] @ (Price upon application). NAS 1.2: H 35

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GOVERNMENT PUBLICATIONS

11084 Flammability, odor, and offgassing requirements and test procedures for materials in environments that support combustion. Feb. 1974 edition. [1974.] cover title, [126] p. il. 4° (NHB 8060.1A; Office of Manned Space Flight.) + ● Item 830-F NAS 1.18: F 61/974

11085 George C. Marshall Space Flight Center research and technology progress reports for period Oct. 1, 1973-Mar. 31, 1974; compiled and edited by Research Planning Office, Science and Engineering Directorate. Apr. 1974. cover title, xii+482 p. 4° [Includes 4 dividers.] # NAS 1.2: R 31/3

NASA contractor report CR (series).

- 11086 2382. Development of acoustically lined ejector technology for multitube jet noise suppressor nozzles by model and engine tests over wide range of jet pressure ratios and temperatures [with list of references]; by J. Atvars [and others]. Apr. 1974. cover title, iv+331 p. il. 4° [Prepared by Boeing Commercial Airplane Company, Seattle, Wash.] @ Paper, \$7.50 NAS 1.26: 2382
- 11087 2389. Use of multiple discrete wall jets for delaying boundary layer separation [with list of references]; by J. D. McLean and H. J. Herring. June, 1974. cover title, v+70 p. il. 4° @ Paper, \$3.50. NAS 1.26: 2389
- 11088 2396. Radiation and scattering by thin-wire structures in complex frequency domain [with list of references]; by J. H. Richmond. May 1974. cover title, iii+39 p. il. 4° [Prepared by Ohio State University, Electroscience Laboratory, Columbus, Ohio] @ Paper, \$3.25. NAS 1.26: 2396
- 11089 2400. Edge diffracted caustic fields [with list of references]; by W. D. Burnside and L. Peters, jr. May 1974. cover title, iii+28 p. il. 4° [Prepared by Ohio State University, Electroscience Laboratory, Columbus, Ohio.] @ Paper, \$3.25. NAS 1.26: 2400
- 11090 2412. Testing techniques for determining static mechanical properties of pneumatic tires [with one reference]; by R. N. Dodge [and others]. June 1974. cover title, v+44 p. il. 4° [Prepared by University of Michigan, Ann Arbor, Mich. Contract NGL-23-005-010.] @ Paper, \$3.35. NAS 1.26: 2412
- 11091 2418. Development and demonstration of flueric sounding rocket motor ignition [with list of references]; by Vincent P. Marchese. June 1974. cover title, iii+42 p. il. 4° @ Paper, \$3.25. NAS 1.26: 2418
- 11092 2428. Stability region maximization by decomposition-aggregation method [with list of references]; by D. D. Siljak and S. M. Cuk. May 1974. cover title, v+72 p. il. 4° [Prepared by University of Santa Clara, Santa Clara, Calif.] @ Paper, \$4.00. NAS 1.26: 2428
- 11093 2431. Acoustic sounding in planetary boundary layer [with list of references]; by Edward H. Kelly. May 1974. cover title, x+80 p. il. 4° @ Paper, \$4.00. NAS 1.26: 2431
- 11094 129028. Atmospheric effects on remote sensing of non-uniform temperature sources [with list of references]; by William A. McNeill and Barry P. Dixon. May 1, 1974. cover title, v+39 p. il. 4° [Prepared by University of South Alabama, Mobile, Ala.] @ (Price upon application). NAS 1.26: 129028

NASA SP (Series).

- 11095 3073. ASRDI oxygen technology survey: v. 4, Low temperature measurement [with list of references]; by Larry L. Sparks. 1974. xii+155 p. il. 4° (Scientific and Technical Information Office.) [Prepared by Cryogenics Division, National Bureau of Standards, for Aerospace Safety Research and Data Institute, NASA Lewis Research Center.] @ Paper, \$5.00. NAS 1.21: 3073
- 11096 6507. Parts, materials and processes experience summary. v. 1 [with list of references]. 1973. [333] p. il. 4° (Scientific and Technical Information Office.) [Prepared under contract by Lockheed Missiles & Space Company.] @ Paper, \$7.75. NAS 1.21: 6507/v.1

NASA technical memorandum TM (series).

- 11097 X-2623. Low-speed aerodynamic characteristics of NACA 6716 and NACA 4416 airfoils with 35-percent-chord single-slotted flaps [with list of references]; by Gene J. Bingham and Kevin W. Noonan. May 1974. cover title, [1]+50 p. il. 4° @ Paper, \$3.25. NAS 1.15: X-2623
- 11098 X-2953. Thermionic performance of variable-gap cesium diode with 10-single-crystal-tungsten emitter and polycrystalline-niobium collector [with list of references]; by James F. Morris, Arthur L. Smith and Eugene J. Manista. Mar. 1974. cover title, [1]+17 p. il. 4° @ Paper, \$2.75. NAS 1.15: X-2953
- 11099 X-2955. Operating characteristics of Langley Mach 10 high Reynolds number and helium tunnel [with list of references]; by Ralph D. Watson, Dana J. Morris, and Michael C. Fisher. June, 1974. cover title, [1]+39 p. il. 4° @ Paper, \$3.25. NAS 1.15: X-2955
- 11100 X-2961. Exploratory investigation of wake disruption technique for studying wake reestablishment time [with list of references]; by Louis E. Clark and Robert A. Jones. May 1974. cover title, [1]+16 p. il. 4° @ Paper, \$3.00. NAS 1.15: X-2961

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- 11101 X-2974. Distributed porous throat stability bypass to increase stable airflow range of Mach 2.5 inlet with 60-per cent internal contraction [with list of references]; by Robert J. Shaw, Glenn A. Mitchell, and Bobby W. Sanders. May 1974. cover title, [1]+39 p. il. 4° @ Paper, \$3.25. NAS 1.15: X-2974
 - 11102 X-3003. STAR adaptation for 2 algorithms used on serial computers [with list of references]; by Lona M. Howser and Jules J. Lambiotte, jr. June 1974. cover title, [1]+27 p. il. 4° @ Paper, \$3.25. NAS 1.15: X-3003
 - 11103 X-3027. Procedures for experimental measurement and theoretical analysis of large plastic deformations [with list of references]; by Richard E. Morris. June 1974. cover title, [1]+32 p. il. 4° @ Paper, \$3.25. NAS 1.15: X-3027
 - 11104 X-3032. Effect of gaseous and solid simulated jet plumes on 040A space shuttle launch configuration at M-1.6 to 2.2 [with list of references]; by Jules B. Dods, jr. [and others]. Apr. 1974. cover title, vii+142 p. il. 4° @ Paper, \$4.75. NAS 1.15: X-3032
 - 11105 X-3044. Electric arc discharge damage to ion thruster grids [with list of references]; by Dale D. Beebe, Shigeo Nakanishi and Robert C. Flnke. May 1974. cover title, [1]+34 p. il. 4° @ Paper, \$3.25. NAS 1.15: X-3044
 - 11106 X-3045. Two-dimensional cold-air cascade study of film-cooled turbine stator blade: 1, Experimental results of pressure-surface film cooling tests [with list of references]; by Thomas P. Moffitt, Herman W. Prust, jr. and Wayne M. Bartlett. May 1974. cover title, [1]+29 p. il. 4° @ Paper, \$3.25. NAS 1.15: X-3045
 - 11107 X-3051. Circadian, endocrine, and metabolic effects of prolonged bedrest, two 56-day bedrest studies [with list of references]; by Joan Vernikos-Danellis [and others]. Apr. 1974. cover title, iii+42 p. il. 4° @ Paper, \$3.25. NAS 1.15: X-3051
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 - 11109 X-3068. Use of fluidic oscillator to measure fuel-air ratios of combustion gases [with list of references]; by Stephen M. Riddlebaugh. June 1974. cover title, [1]+21 p. il. 4° @ Paper, \$3.00. NAS 1.15: X-3068
 - 11110 X-3073. Water-table tests of proposed heat-transfer tunnels for small turbine vanes [with list of references]; by Peter L. Meltner. June 1974. cover title, [1]+14 p. il. 4° @ Paper, \$3.00. NAS 1.15: X-3073
 - 11111 X-53997. Some applications and limitations of fast Fourier transform [with bibliographies]; by Edgar Hopper and Muri Newberry. Feb. 12, 1970. cover title, v+60 p. il. 4° @ (Price upon application). NAS 1.15: X-53997
 - 11112 X-64826. MSFC Skylab contamination control systems mission evaluation; [with bibliography]. May 1974. [248] p. il. 4° (Skylab Program Office). @ (Price upon application). NAS 1.15: X-64826
 - 11113 X-64833. CMG [control moment gyroscope] induced LST [large space telescope] dynamics [with list of references]; by Sherman M. Seltzer. Feb. 21, 1974. cover title, xi+66 p. il. 4° @ (Price upon application). NAS 1.15: X-64833
 - 11114 X-64835. Skylab III and IV science demonstrations, preliminary report; by Tommy C. Bannister. Mar. 1974. cover title, v+26 p. il. 4° @ (Price upon application). NAS 1.15: X-64835
 - 11115 X-64839. Retention and application of Skylab experiment experiences to future programs; by Nancy Milly and Victor G. Gillespie. May 1, 1974. cover title, v+46 p. 4° @ (Price upon application). NAS 1.15: X-64839
 - 11116 X-64840. Vehicle misalignment prediction and vehicle/experiment pointing compatibility assessment [with list of references]; by J. D. Hoverkamp. Jan. 1974. cover title, x+60 p. il. 4° @ (Price upon application). NAS 1.15: X-64840
 - 11117 X-64841. SSME [space shuttle main engine] side loads analysis for flight configuration; by Wayne Holland and John Harbison. Feb. 18, 1974. cover title, vi+55 p. il. 4° @ (Price upon application). NAS 1.15: X-64841
 - 11118 X-64842. Spectral irradiance curve calculations for any type of solar eclipse [with list of references]; by Adarsh Deepak and J. E. Merrill. Feb. 1, 1974. vi+17 p. il. 4° @ (Price upon application). NAS 1.15: X-64842
 - 11119 X-64843. Procedure for calculation of boundary layer trip protuberances in overexpanded rocket nozzles [with list of references]; by Robert H. Schmucker. Apr. 2, 1973. cover title, vi+25 p. il. 4° @ (Price upon application). NAS 1.15: X-64843
 - 11120 X-64848. Spacelab data management subsystem, phase B study [with list of references]. Apr. 1974. cover title, [1]+xxvii+345 p. il. 4° @ (Price upon application). NAS 1.15: X-64848
- NASA technical note TN (series).
- 11121 D-7342. Aperture excited dielectric antennas [with list of references]; by W. F. Crosswell [and others]. May 1974. cover title, iv+124 p. il. 4° @ Paper, \$4.75. NAS 1.14: D-7342
 - 11122 D-7463. Simulation of decelerating landing approaches on externally blown flap STOL transport airplane [with list of references]; by William D. Grantham, Luat T. Nguyen, and Perry L. Deal. May 1974. cover title, [1]+48 p. il. 4° @ Paper, \$3.25. NAS 1.14: D-7463

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NASA technical note TN (series)—Continued

- 11123 D-7477. Derivation of formulas for root-mean-square errors in location, orientation, and shape in triangulation solution of elongated object in space [with list of references]; by Sheila Ann T. Long. June 1974. cover title, [1]+35 p. ll. 4° @ Paper, \$3.25. NAS 1.14: D-7477
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- 11128 D-7517. Low temperature coefficient of resistance and high gage factor in beryllium-doped silicon [with list of references]; by James B. Robertson and M. A. Littlejohn. June 1974. cover title, [1]+15 p. ll. 4° @ Paper, \$3.00. NAS 1.14: D-7517
- 11129 D-7523. High-temperature dielectric properties of candidate space-shuttle thermal-protection-system and antenna-window materials [with list of references]; by Melvin C. Gilreath and Stark L. Castellow, Jr. June 1974. cover title, [1]+53 p. ll. 4° @ Paper, \$3.75. NAS 1.14: D-7523
- 11130 D-7527. On evaluating compliance with air pollution levels not to be exceeded more than once per year [with list of references]; by Harold E. Neustadter and Steven M. Sidik. June, 1974. cover title, [1]+16 p. ll. 4° @ Paper, \$3.00. NAS 1.14: D-7527
- 11131 D-7538. Triangulation of multistation camera data to locate curved line in space [with list of references]; by Clifford L. Fricke. May 1974. cover title, [1]+40 p. ll. 4° @ Paper, \$3.25. NAS 1.14: D-7538
- 11132 D-7560. Filter spectrometer concept for facsimile cameras [with list of references]; by Daniel J. Jobson, W. Lane Kelly IV, and Stephen D. Wall. May 1974. cover title, [1]+29 p. ll. 4° @ Paper, \$3.25. NAS 1.14: D-7560
- 11133 D-7595. Use of Whatman-41 filters in air quality sampling networks (with applications to elemental) [with list of references]; by Harold E. Neustadter [and others.]. May 1974. cover title, [1]+61 p. 4° @ Paper, \$3.75. NAS 1.14: D-7595
- 11134 D-7596. Testing satellite automatic nutation control system; by John A. Hrasnar. May 1974. cover title, iv+18 p. ll. 4° @ Paper, \$3.00. NAS 1.14: D-7596
- 11135 D-7617. Performance of coated columbium and tantalum alloys in plasma arc reentry simulation tests [with list of references]; by Stanley R. Levine and John P. Merutka. May 1974. cover title, [1]+49 p. ll. 4° @ Paper, \$3.25. NAS 1.14: D-7617
- 11136 D-7627. Systematic study of focal ratios and effects of optical misalignment for LST [with list of references]; by Charles L. Wyman. May 1974. cover title, iv+10 p. ll. @ Paper, \$3.00. NAS 1.14: D-7627
- 11137 D-7629. Enhancement of oxidative vaporization of chromium (III) oxide and chromium by oxygen atoms. [with list of references]; by George C. Fryburg, Fred J. Kohl and Carl A. Stearns. May 1974. cover title, [1]+25 p. ll. 4° @ Paper, \$3.25. NAS 1.14: D-7629
- 11138 D-7643. Effects of particle size on optical properties and surface roughness of glass-balloon-filled black paint [with list of references]; by Thomas Heslin, James Heaney, and Marvin Harper. May 1974. cover title, iii+9 p. ll. 4° @ Paper, \$3.00. NAS 1.14: D-7643
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- 11140 D-7655. Evaluation of cermet materials suitable for lithium-lubricated thrust bearing for high-temperature operation [with list of references]; by John H. Sinclair and William H. Handrixson. June, 1974. cover title, iii+28 p. ll. 4° @ Paper, \$3.25. NAS 1.14: D-7655
- 11141 D-7656. Evaluation of chromium oxide and molybdenum disulfide coatings in self-acting stops of air-lubricated Rayleigh step thrust bearing [with list of references]; by Zolton N. Nemeth. May 1974. cover title, [1]+22 p. ll. 4° @ Paper, \$3.00. NAS 1.14: D-7656
- 11142 D-7658. Parametric thermodynamic analysis of closed-cycle gas-laser operation in space [with list of references]; by Raymond K. Burns. May 1974. cover title, [1]+58 p. ll. 4° @ Paper, \$3.75. NAS 1.14: D-7658
- 11143 D-7660. Evaluation of magnetic refocusing in linear-beam microwave tubes [with list of references]; by N. Stankiewicz. May 1974. cover title, [1]+28 p. ll. 4° @ Paper, \$3.25. NAS 1.14: D-7660
- 11144 D-7661. Effect of strain hardening on friction behavior of iron lubricated with benzyl structures [with list of references]; by Donald H. Buckley and William A. Brainard. May 1974. cover title, [1]+14 p. ll. 4° @ Paper, \$3.00. NAS 1.14: D-7661

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- 11145 D-7662. Performance of transonic compressor rotor with aspect ratio of 6.5 [with list of references]; by Lonnie Reid and Edward R. Tysl. June 1974. cover title, [1]+66 p. il. 4° @ Paper, \$3.75. NAS 1.14: D-7662
- 11146 D-7673. Creep behavior of tantalum alloy T-222 at 1385 to 1700 K [with list of references]; by Robert H. Titran. June 1974. cover title, iii+31 p. il. 4° @ Paper, \$3.25. NAS 1.14: D-7673
- 11147 D-7680. Adenosine triphosphate (ATP) as possible indicator of extraterrestrial biology [with list of references]; by Emmett W. Chappelle and Grace Lee Piccolo. May 1974. cover title, iii+10 p. il. 4° @ Paper, \$3.00. NAS 1.14: D-7680
- 11148 D-7684. Apollo experience report, data management for postflight engineering evaluation; by Galloway B. Foster, jr. May 1974. cover title, iv+13 p. il. 4° @ Paper, \$3.00. NAS 1.14: D-7684
- 11149 D-7685. Apollo experience report, flight-control data needs, terminal display devices and ground system configuration requirements; by Richard A. Hoover. May 1974. cover title, [1]+11 p. 4° @ Paper, \$3.00. NAS 1.14: D-7685
- 11150 D-7686. Apollo experience report, Communications used during recovery operations; by John E. Hoover. May 1974. cover title, [1]+8 p. il. 4° @ Paper, \$3.00. NAS 1.14: D-7686
- 11151 D-7689. Measurements of liner cooling effectiveness within full-scale double-annular ram-induction combustor [with list of references]; by Edward J. Mularz and Donald F. Schultz. June 1974. cover title, [1]+36 p. il. 4° @ Paper, \$3.25. NAS 1.14: D-7689
- 11152 D-7696. Flight-measured inlet pressure transients accompanying engine compressor surges on F-111A airplane [with list of references]; by Jack Nugent and Jon K. Holzman. June 1974. cover title, [1]+28 p. il. 4° @ Paper, \$3.25. NAS 1.14: D-7696
- 11153 D-7697. Flow measurement in base cooling air passages of rotating turbine blade [with list of references]; by Curt H. Liebert and Frank G. Pollack. June 1974. cover title, [1]+26 p. il. 4° @ Paper, \$3.25. NAS 1.14: D-7697
- 11154 D-7700. Dynamic-scanning-electron-microscope study of friction and wear [with list of references]; by William A. Brainard and Donald H. Buckley. June 1974. cover title, [1]+22 p. il. 4° @ Paper, \$3.00. NAS 1.14: D-7700
- 11155 D-7703. Flight evaluation of advanced control systems and displays on general aviation airplane [with list of references]; by Paul C. Loschke (and others). June 1974. cover title, [1]+49 p. il. 4° @ Paper, \$3.25. NAS 1.14: D-7703

NASA technical report R (series).

- 11156 420. Extension of Laplace transform to Schwartz distributions [with list of references]; by Douglas B. Price. May 1974. cover title, iii+63 p. 4° @ Paper, \$3.75. NAS 1.12: 420
- 11157 424. Optical holography applications for zero-g Atmospheric Cloud Physics Laboratory [with list of references]; by Robert L. Kurtz. May 1974. v+71 p. il. 4° @ Paper, \$4.00. NAS 1.12: 424

NASA technical translation TT (series).

- 11158 F-678. Radiation characteristics of atmosphere and earth's surface [with list of references]; edited by K. Ya. Kondrat'ev. 1973. xx+580 p. il. [Gidrometeorologicheskoe Press, Leningrad, 1969.] @ (Price upon application). NAS 1.13/2: F-678

Reusable agenda study, final report.

- 11159 v. 1. Executive summary. Mar. 15, 1974. [44] p. il. 4° (LMSC-D383059.) [Contract NAS 8-29952; prepared by Lockheed Missiles & Space Company, Inc. for Marshall Space Flight Center.] # NAS 1.2: R 31/4/v.1
- 11160 v. 2. Technical [report]. Mar. 15, 1974. [369] p. il. 4° (LMSC-D383059.) [Contract NAS 8-29952; prepared by Lockheed Missiles & Space Company, Inc. for Marshall Space Flight Center.] # NAS 1.2: R 31/4/v.2
- 11161 Review of space applications program, 1974 [with list of references]; by Office of Applications. May 1974. [346] p. il. 4° # NAS 1.2: Ap 5/974

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

- 11162 New Communities Administration, Department of Housing and Urban Development file manual. Mar. 1974. [1]+46 p. il. 4° (Office of Records Management.) [Issued with perforations.] + GS 4.6/2: N 42

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

- 11163 Home energy saving tips from NBS. [1974.] [4] p. 4° +
C 13.2: En 2/2

Monograph.

- 11164 138. MeV total neutron cross sections [with list of references; by] Robert B. Schwartz, Roald A. Schrack, and H. Thompson Heaton II. Jan. 1974. iii+147+A7+[1] p. ll. oblong large 8° (Nuclear Sciences Division, Institute for Basic Standards.) [Project 2410222. Work supported in part by U.S. Defense Nuclear Agency, Washington, D.C.] * Paper, \$3.60. (S/N 0303-01189). ● Item 247-A
C 13.44: 138

- 11165 Projected summaries fy 73-74, Center for Building Technology. Oct. 15, 1973. [8]+113 p. oblong 8° (Institute for Applied Technology.) +
C 13.59: 973-74

Special publication.

- 11166 388. Public need and role of inventor, proceedings of conference held Monterey, Calif. June 11-14, 1973. [with bibliography]; edited by Florence Essers and Jacob Rainbow. May 1974. ix+202+[1] p. ll. 4° * Paper, \$5.55 (S/N 0303-01261). ● Item 247
L.C. card 73-600324
C 13.10: 388

Technical note.

- 11167 616 (rev.) Frequency standards and clocks, tutorial introduction; [with list of literature; by] H. Hellwig. Mar. 1974. v+66 p. ll. 4° (Time and Frequency Division, Institute for Basic Standards.) * Paper, 70c.
● Item 249-A
C 13.46: 616 (rev.)
- 11168 817. Kitchen ranges in fabric fires; [by] Allan K. Vickers. Apr. 1974. iii+17+[1] p. 4° + ● Item 249-A
C 13.46: 817

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

- 11169 U.S. cancer mortality by county, 1950-69 [with list of references]; by Thomas J. Mason and Frank W. McKay. [1974.] [1]+v+[1]+729 p. oblong 8° (DHEW publication (NIH) 74-615.) * Paper, \$9.00.
● Item 507-G-2
HE 20.3152: C 16/6/950-69

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

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

- 11170 17. Conceptual problems in developing index of health [with list of references; by Daniel F. Sullivan]. [1974.] [4]+18 p. 4° (DHEW publication (HRA) 74-1017; Health Resources Administration.) + ● Item 500-E
L.C. card 66-60035
HE 20.6209: 2/17
- 11171 61. National ambulatory medical survey, background and methodology, United States 1967-72 [with list of references; by James B. Tenney, Kerr L. White, and John W. Williamson]. Apr. 1974. vi+76 p. 4° (DHEW publication (HRA) 74-1335; [Division of Health Resources Statistics].) * Paper, \$1.25. ● Item 500-E
L.C. card 73-20225
HE 20.6209: 2/61

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

Highway Safety Program Manual.

- 11172 Emergency medical services [with list of references]. Apr. 1974. [301] p. ll. 4° [Guide for States and their political subdivisions to use in developing policies and procedures.] * Paper, \$3.20 (S/N 5003-00170). ● Item 525
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NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 11173 Study of injured patients, trauma conference report, Bethesda, Maryland. Feb. 26-27, 1973, sponsored by National Institute of General Medical Sciences; edited by Emilie A. Black [and] Paul A. Deming. [1974.] [1]+vi+89 p. 4° (DHEW publication (NIH) 74-603.) + ● Item 497-C-1
L.C. card 74-601762 HE 20.3452: In 5

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

- 11174 Report and recommendations of National Advisory Commission on Multiple Sclerosis, v. 2 Feb. 11, 1974. [1]+371 p. il. 4° ([DHEW publication (NIH) 74-534.]) [Text on p. 3 of cover. Some pages issued as leaves.] + ● Item 507
L.C. card 74-601630 HE 20.3002: M 91/v.2
- 11175 Witchcraft and medicine (1484-1793) [with list of references]; by Jaroslav Nemec. [1974.] [2]+10 p. il. 4° (DHEW publication (NIH) 74-636.) [Published in conjunction with an exhibit at National Library of Medicine Mar. 25-July 19, 1974.] + ● Item 507
HE 20.3002: W 77/1484-1793

NATIONAL LABOR RELATIONS BOARD Washington, DC 20570

- 11176 Decisions and orders of National Labor Relations Board, v. 183, June 4-29, 1970. 1974. xiii+1338 p. 4° * Cloth, \$14.95 (S/N 3100-0090). ● Item 826
LR 1.8: 183

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

- 11177 International bibliography of history of legal medicine; [by] Jaroslav Nemec. [1974.] viii+224 p. 4° (DHEW publication (NIH) 73-535.) * Cloth, \$5.50 (S/N 1752-00148). ● Item 508-F
L.C. card 74-601572 HE 20.3614: M 46

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

Current fisheries statistics (series).

- 11178 6125. Shrimp landings, annual summary 1972. May 24, 1974. 17 p. 4° [Prepared in cooperation with Fishery Agencies of North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, and Texas.] + ● Item 610-A C 55.309/2: 6125
- 11179 6126. Gulf Coast shrimp data, reported by depth and area of capture, species, size, number of trips, and days fished, annual summary, 1972. May 24, 1974. 30 p. il. 4° [Prepared in cooperation with fishery agencies of Alabama, Florida, Louisiana, Mississippi, and Texas.] + ● Item 610-A C 55.309/2: 6126
- 11180 6401. Canned fishery products, 1973 annual summary (preliminary). Apr. 3, 1974. 15 p. 4° (NOAA XCFSA-6401 MF-1.) + ● Item 610-A C 55.309/2: 6401
- 11181 6412. New York landings, annual summary 1973. Apr. 12, 1974. 6 p. 4° (NOAA XCFSA-6412 NA-4.) [Prepared in cooperation with New York Department of Environmental Conservation, Division of Marine and Coastal Resources, Stony Brook, N.Y.] + ● Item 610-A C 55.309/2: 6412
- 11182 United States marine fishery resource, MARMAP (marine resources monitoring, assessment and prediction program) contribution 1 [with lists of principal references]; edited by John P. Wise [and others]. Mar. 1974. vii+379 p. il. 4° [For review purposes only.] +
C 55.302: F 53/2

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GOVERNMENT PUBLICATIONS

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

NOAA technical memorandum. (Environmental Research Laboratories, Boulder, Colo.)

- 11183 ERL NSSL-66. Motion and morphology of dryline [with list of references; by] Joseph T. Schaefer. Sept. 1973. xi+81 p. il. 4° (National Severe Storms Laboratory, Norman, Okla.) @ (Price upon application). C 55.13/2; ERL NSSL-66
- 11184 Report to Congress on ocean dumping and other man-induced changes to ocean ecosystems, Oct. 1972 through Dec. 1973, submitted in compliance with title 2 of Marine protection, research, and sanctuaries act of 1972 (Public law 92-532) [with list of references]. Mar. 1974. x+96 p. il. 4° * Paper, \$1.45. C 55.2: D 89

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

Instrument fact sheet IFS (series).

- 11185 74007. Model CM-1106CD vortex-shedding current meter, J-TEC Associates, Inc. Cedar Rapids, Iowa. Apr. 1974. 6 p. il. 4° [Issued with perforations.] + C 55.71: 74007
- 11186 74008. Vector averaging current meter, AMF Inc., Alexandria, Va. Apr. 1974. [1]+8 p. il. 4° [Issued with perforations.] + C 55.71: 74008

NATIONAL PARK SERVICE, Interior Dept. Washington, DC 20242

- 11187 Redwood National Park, Calif. [Revised Nov. 1973.] [1974.] [2] p. il. large 4° folded into narrow 24° size + ● Item 651 I 29.6: R 24/974

NATIONAL SCIENCE FOUNDATION Washington, DC 20550

Candidates and priorities for technology assessments.

- 11188 v. 4. Approach to priorities [with bibliographies; by] Robert U. Ayres, Adele Shapanka, Kathryn Humes. Mar. 1973. viii+128 p. 4° (Office of Exploratory Research and Problem Assessment, Research Applications Directorate.) * Paper, \$1.65 (S/N 3800-00175). ● Item 843-C L.C. card 74-600052 NS 1.2: T 22/6/v.4
- 11189 Dynamics and forecasts of R&D funding [with list of references; by] Charles E. Falk. Sept. 1973. [42] p. il. 4° + NS 1.2: R 31/21
- 11190 Federal funds for research, development, and other scientific activities: v. 22, Fiscal years 1972, 1973, and 1974. [Dec. 1973.] viii+61 p. il. oblong 8° (Surveys of science resources series; NSF 74-300.) * Paper, \$1.45 (S/N 3800-00174). ● Item 834-N NS 1.18: 22
- 11191 Guide for operation of instructional improvement implementation projects, pre-college education in science. (NSF E-74-21.) [1974.] 4 p. 4° + NS 1.20: Ed 8/2

Initial reports of Deep Sea Drilling Project. [Project planned and carried out with advice of Joint Oceanographic Institutions for Deep Earth Sampling (JOIDES).]

- 11192 v. 23. Covering leg 23 of cruises of drilling vessel Glomar Challenger, Colombo, Ceylon to Djibouti, F.T.A.I., Mar.-May 1972. [with lists of references]; editors, Peter R. Supko [and] Oscar W. Weser. [Apr. 1974.] xx+1180 + [1] p. il. 2 pl. in pocket, 4° [Illustrated lining papers. National Ocean Sediment Coring Program under contract C-482 by University of California, Scripps Institution of Oceanography. Some illustrations are colored.] * Cloth, \$19.30. ● Item 834-C L.C. card 74-603338 NS 1.2: D 36/2/v.23
- 11193 v. 25. Covering leg 25 of cruise of drilling vessel Glomar Challenger, Port Louis, Mauritius to Durban, South Africa, June-Aug. 1972 [with lists of references]; editors, Tracy L. Vallier, Stan M. White. [May 1974.] xx+884 + [1] p. il. 4° [Illustrated lining papers. National Ocean Sediment Coring Program under contract C-482 by University of California, Scripps Institution of Oceanography. Some illustrations are colored.] * Cloth, \$14.15. ● Item 834-C L.C. card 74-603338 NS 1.2: D 36/2/v.25

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- 11194 National patterns of R&D resources, funds and manpower in United States, 1953-74; [prepared in Division of Science Resource Studies.] [Feb. 1974.] vi+30 p. il. oblong, 8° (NSF 74-304.) [Lists of related and other science resources publications on p. 2-3 of cover.] * Paper, \$1.00 (S/N 3800-00178). ● Item 834-C NS 1.2: R 31/17/953-74
- 11195 Science resources studies highlights: Academic R&D expenditures up 9 percent in 1973; prepared in Universities and Nonprofit Institutions Studies Group, Division of Science Resources Studies. May 8, 1974. 4 p. il. 4° (NSF 74-306.) + NS 1.31: Ac 1/5
- 11196 Science resources studies highlights: Immigration of scientists and engineers drops sharply in fiscal year 1973, physician inflow still near fiscal year 1972 peak; prepared in Manpower Utilization Studies Group, Division of Science Resources Studies. Mar. 29, 1974. 4 p. il. 4° (NSF 74-302.) + NS 1.31: Im 6/973
- 11197 Summary of awards, fy 1973, research applied to national needs: Division of Social Systems and Human Resources. Dec. 1973. cover title, viii+39 p. 4° (NSF 73-31; Research applied to national needs.) + NS 1.2: Aw 1/2/973
- 11198 Telecommunications research in United States and selected foreign countries, preliminary survey, v. 2, Individual contributions [with lists of references]. June 1973. iii+216 p. il. 4° (Panel on Telecommunications Research, Committee on Telecommunications, National Academy of Engineering.) [Contract H-1221.] @ (Price upon application, PB-222 082). NS 1.2: T 23/v.2

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

- 11199 Annual review of aircraft accident data, U.S. general aviation, calendar year 1970. Apr. 18, 1974. xiii+xvi+[3]+143 p. 4° (NTSB-AGR-74-1.) @ (Price upon application). TD 1.113: 970
- 11200 Annual reviews of aircraft accident data, U.S. air carrier operations, 1970-72. Apr. 11, 1974. vii+176 p. 4° (NTSB-ARC-741; [Aviation Safety Bureau].) @ (Price upon application). TD 1.113/5: 970-72
- 11201 Preliminary statistical analysis of aircraft accident data, U.S. civil aviation, 1973. May 1, 1974. iv+53 p. 4° (NTSB-APA-74-1.) @ Paper, \$3.00. TD 1.113/6: 973/prelim.

NAVAL RESEARCH OFFICE, Defense Dept. Washington, DC 20390

NRL report. (Naval Research Laboratory.)

- 11202 7593. Cross sections of proton-nucleus interactions at high energies [with list of references; by] Rein Silberberg and C. H. Tsao. Dec. 21, 1973. cover title, iv+64 p. 4° @ (Price upon application, AD 769215/5). D 210.8: 7593
- 11203 7663. Electromagnetic field in laser resonator [with list of references; by] William H. Carter. Mar. 11, 1974. cover title, iii+34 p. il. 4° (Applied Optics Branch, Optical Sciences Division.) [NRL problem N01-16.101, project RR011-07-41-4807.] @ (Price upon application, AD 776541). D 210.8: 7663
- 11204 7665. Ignition studies, pt. 7, Determination of autoignition temperatures of hydrocarbon fuels [with list of references]; by Wilbur A. Afens and Homer W. Carhart. Apr. 18, 1974. cover title, iii+16 p. il. 4° [NRL problem C01-03, SR 024-02-01-12457.] @ (Price upon application, AD 778398). D 210.8: 7665
- 11205 7689. Tests and procedures for determining purity of tetrasodium ethylenediaminetetraacetate (EDTA) [with list of references; by] David L. Venezky and Paul R. Gustafson. Apr. 8, 1974. iii+16 p. il. 4° [NRL problem C05-32, Task 11604.] @ (Price upon application, AD 778314). D 210.8: 7689
- 11206 7693. Marine fog observations in Arctic [with list of references; by] S. G. Gathman and R. E. Larson. Apr. 8, 1974. cover title, iii+24 p. il. 4° [NRL problem A03-14A, WR 033-02-01.] + D 210.8: 7693

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NRL report. (Naval Research Laboratory.)—Continued

- 11207 7712. Feasibility of total hydrocarbon analyzer for evaluating lift of charcoal beds [with list of references; by] H. G. Eaton, J. K. Thompson and H. W. Carhart. Apr. 4, 1974. cover title, iii+9 p. il. 4° [NRL problem 61C08-18, S-4632-16948.] @ (Price upon application, AD 778659). D 210.8: 7712
- 11208 7717. Observed statistical behavior of radar moon echo signals [with list of references; by] Lorenzo J. Abella. May 2, 1974. cover title, iii+18 p. il. 4° [NRL problem R06-30, NAVELEX 63715N.] @ (Price upon application, AD 779252). D 210.8: 7717
- 11209 7721. Effect of stray direct current at various current densities on corrosion of steel; [by] T. J. Lennox, jr. and M. H. Peterson. Apr. 4, 1974. cover title, iii+19 p. il. 4° [NRL problem M04-02, SF 51-542-602-12431, RR 022-08-44-5510.] @ (Price upon application, AD 779254). D 210.8: 7721
- 11210 7723. Role of soot in transport of hydrogen chloride from fires [with list of references; by] J. P. Stone, F. W. Williams and H. W. Carhart. Apr. 23, 1974. cover title, iii+13 p. il. 4° [NRL problem 61C08-36, SF 54-543-706-14753-03.] + D 210.8: 7723

NAVY DEPARTMENT, Defense Dept. Washington, DC 20350

- 11211 Navy procurement directives. 1974 edition. [1974.] [368] p. 4° (NAVMAT P-4202.) [Issued with perforations. Supersedes 1966 edition, as revised through Revision 13, Oct. 1973.] * Subscription price \$14.90; add \$3.75 for foreign mailing. ● Item 373 D 201.6/10: 974

OUTDOOR RECREATION BUREAU, Interior Dept. Washington, DC 20240

- 11212 Administrative and legislative directives to Bureau of Outdoor Recreation. Jan. 1, 1974. [2]+ii+25 p. * Paper, 50c. (S/N 2416-00063). ● Item 657-B-1 I 66.2: D 62/3

PACIFIC NORTHWEST RIVER BASINS COMMISSION Vancouver, Washington 98660

- 11213 Panel discussion on thermal power plant siting in Pacific Northwest. Jan. 1973. [3]+42 p. il. 4° (Power Planning Committee.) [Text on p. 2 and 3 of cover.] + Y 3.P 11/4: 2 T 34

PATENT OFFICE, Commerce Dept. Washington, DC 20231

- 11214 Manual of patent examining procedure, 3d edition [Apr. 1974.]. revision 40. [1974.] [69] p. 4° [Issued with perforations.] * Paper, \$19.50 (basic index and supplementary material for indefinite period); add \$3.00 for foreign mailing ● Item 259 C 21.15: 961/rev.notice 40

PRESIDENT OF THE UNITED STATES Washington, DC 20501

- 11215 Cable, Cabinet Committee on Cable Communications report to the President, 1974. 1974. vii+122 p. * Paper, \$1.50 (S/N 4000-00304). ● Item 851-J Pr 37.8: C 11/29/974
L.C. card 74-600004
- 11216 Careers for homebound, home study opportunities [with list of resources for homebound]. [1974.] 16 p. narrow 8° + (President's Committee on Employment of Handicapped, 7131 Department of Labor Building, Washington, DC 20210) ● Item 766-C Pr Ex 1.10: H 75/2
- 11217 Conference on inflation, Sept. 27-28, 1974, Washington, D.C., transcript. [1974.] cover title, 233+138 p. 4° * Paper, \$4.20 (S/N 4000-00315). ● Item 850 (all libraries) Pr 38.2: In 3

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

- 11218 Grants policy statement. July 1, 1974. vii+74 p. (DHEW publication (OS) 74-50,000.) * Paper, 90c. (S/N 1720-00055). ● Item 485
HE 20.2: G 76

- 11219 Statement on water quality management, States of Connecticut and Massachusetts portion of Thames, Connecticut and Housatonic River basins; by Division of Water Supply and Pollution Control. Oct. 4, 1963. cover title, [1]+v+[151] leaves, il. 4° (Water Supply and Pollution Control Program, Region I, Boston, Mass.) [Presented before Natural Resources and Power Subcommittee of House Committee on Government Operations, Hartford, Conn., Oct. 4, 1963. Insert, summary statement, 9 leaves. Errata issued also, 2 leaves.] @ (Price upon application, PB 218012).
HE 20.2: C 76

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

- 11220 Navajo Indian irrigation project, New Mexico. [1973.] [6] p. il. narrow 8° +
I 27.2: N 22/4

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

- 11221 State vocational rehabilitation agency program data, fiscal year 1973. [1974.] viii+92 p. il. 4° ((SRS) 74-25053.) +
HE 17.119: 973

**RESOURCES AND TRADE ASSISTANCE BUREAU, Commerce Dept.
Washington, DC 20230**

- 11222 Steel import data, shipments from exporting countries in calendar year 1973, and summary of shipments in 1974, data content, U.S. general imports, Jan. 1973-Feb. 1974: pt. 1, Country by category by TSUSA number: pt. 2, Country by type of steel. Apr. 1974. [2]+60 p. 4° (Office of Import Programs.) +
C 57.209: 973/1

**SAFETY OFFICE, Transportation Dept.
Washington, DC 20590**

Railroad accident investigation summary report.

- 11223 32. Seaboard Coast Line Railroad Co., Hortense, Ga., Mar. 13, 1973. [Apr. 5, 1974.] 7 p. il. 4° +
TD 3.110/2: 32

Railroad employee accident investigation report.

- 11224 15. Union Pacific Railroad, Denver, Colo., Apr. 3, 1973. [June 2, 1974.] [2] p. 4° (Railroad Safety Board.) +
TD 3.110/3: 15
- 11225 16. Norfolk and Western Railway Co., Decatur, Ill., Apr. 19, 1973. [June 2, 1974.] [2] p. 4° (Railroad Safety Board.) +
TD 3.110/3: 16

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

- 11226 Environmental quality research and development, review and analysis of Federal programs; report of Ad Hoc Committee on Environmental Quality Research and Development of Federal Council for Science and Technology. Aug. 1971 [published 1972]. xi+137 p. il. 4° * Paper, \$1.25 (S/N 4106-0031). ● Item 857-F-1
PrEx 8.2: En 8/3

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GOVERNMENT PUBLICATIONS

SHIP STRUCTURE COMMITTEE Washington, DC 20226

SSC (series). (Coast Guard Headquarters.)

- 11227 238. Design and installation of ship response instrumentation system aboard SL-7 class containership S.S. Sea-Land McLean; by R. A. Fain. 1973. vi+35+2 p. il. 4° [Technical report on Project 'SR-211, SL-7 data collection program under Naval Ship Engineering Center contract N00024-73-C-5059. Text on p. 2 of cover.] @ (Price upon application). Y 3.Sh 6: SSC-238
- 11228 239. Wave loads in model of SL-7 containership running at oblique headings in regular waves [with list of references]; by J. F. Dalzell and M. J. Chioeco. 1973. x+64+2 p. il. 4° [Final technical report on Project SK-204, SL-7 torsional model study under Naval Ship Engineering Center contract N00024-71-C-5489. Text on p. 2 of cover.] @ (Price upon application). Y 3.Sh 6: SSC-239

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

- 11229 Publications of Social and Rehabilitation Service. Jan. 1974. ii+32 p. il. ((SRS) 74-02002; Office of Public Affairs.) + HE 17.17: P 96/974
- 11230 SRS research and information system index [to reports of research and demonstration projects supported by Social and Rehabilitation Service, 1955-71]; compiled and edited by Claire K. Schultz. 1974. 2 v., iv+650 p. 4° ((SRS) 74-05651; Office of Research and Demonstrations, Division of Research Utilization.) [Contract no. SRS-71-46.] *Paper, \$12.65 per set (2 vols.) (S/N 1760-0114). ● Item 512-A-1
HE 17.2: R 31/v.1,2

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

Health insurance statistics, HI-(series). (Office of Research and Statistics.)

- 11231 58. Health insurance for the aged, hospital and skilled nursing facility admissions, fiscal year 1972; by Charles R. Fisher. June 17, 1974. 13 p. il. 4° (DHEW publication (SSA) 74-11702.) + HE 3.28/5: 58

SOIL CONSERVATION SERVICE, Agriculture Dept. Washington, DC 20250

- 11232 Flood plain report: Polk County, Oreg. 1973. cover title, [1]+10 p. 1 map in pocket, 4° [Prepared for Polk Soil and Water Conservation District.] # A 57.64: P 75
- 11233 Important native grasses for range conservation in Florida [with list of references]. [Mar. 1974.] cover title, iii+163 p. il. 4° # A 57.2: F 66/3
- 11234 Recreation potential appraisal, Woodward County, Okla. [Feb. 1974.] cover title, [1]+34+A-I p. il. 4° [Prepared in cooperation with other agencies, organizations, and individuals.] # A 57.57: W 87
- 11235 Soil survey: Bryan and Chatham Counties, Ga. [with list of literature cited; by Robert L. Wilkes and others]. Mar. 1974. cover title i+71 p. il. 87 p. of pl. and maps, 4° [Prepared in cooperation with University of Georgia, College of Agriculture, Agricultural Experiment Stations. 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 74-601847 A 58.38: B 84
- 11236 Soil survey: Cowlitz Area, Wash. [with list of literature cited; by Willard A. Call]. Feb. 1974. cover title, i+112 p. il. 65 p. of pl. and maps. 4° [Prepared in cooperation with Washington 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 74-601750 A 57.38: C 83

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- 11237 Soil survey: Hemphill County, Tex. [with list of literature cited; by] Jack C. Williams [and others.] Mar. 1974. i+55+[1] p. il. 56 p. of pl. and maps, 4° [Prepared in cooperation with Texas Agricultural Experiment Station. Maps are colored.] +(Information incorrect in publication as to sale by Superintendent of Documents). ● Item 102 (Rev. 1957)
L.C. card 74-601843 A 57.38: H 37
- 11238 Soil survey: Saint Clair County, Mich. [with list of literature cited; by Gilbert R. Landtiser]. May 1974. cover title, i+113 p. il. 39 p. of pl. and maps, 4° [Prepared in cooperation with Michigan 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 74-601759 A 57.38: Sa 2 c
- 11239 Soil survey: Terrell County, Tex. [with list of literature cited; by August J. Turner and Robert E. Fox]. Mar. 1974. cover title, [1]+35 p. il. 81 p. of pl. and maps, 4° [Prepared in cooperation with Texas 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 74-601846 A 57.38: T 27
- 11240 Soil survey: Todd County, S. Dak. [with list of literature cited; by Robert F. Springer]. Apr. 1974. cover title, i+89 p. il. 49 p. of pl. and maps, 4° [Prepared in cooperation with South Dakota 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 74-602132 A 57.38: T 56
- 11241 Soil survey: Wharton County, Tex. [with list of literature cited; by Harry F. McEwen and Jack Crout]. Mar. 1974. cover title, [1]+43 p. il. 95 p. of pl. and maps, 4° [Prepared in cooperation with Texas 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 74-601962 A 57.38: W 55
- 11242 Water supply outlook, Federal-State-private-cooperative snow surveys, Colorado; prepared by Jack N. Washichek and Ronald E. Moreland. May 15, 1974. 1 p. 4° #
A 57.46/15: C 71

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

Resource publication.

- 11243 122. Key to nematodes reported in waterfowl [with list of references]; by Malcolm E. McDonald. 1974. [3]+44 p. il. 4° * Paper, 85c. (S/N 2410-00370). ● Item 613-B I 49.66: 122

Special scientific report: Wildlife (series).

- 11244 178. Woodcock status report, 1973 [with list of references; by Eldon R. Clark]. 1974. iv+43 p. il. 4° * Paper, 85c. (S/N 2410-00385). ● Item 614-C I 49.15/3: 178

STATE DEPARTMENT Washington, DC 20520

Background notes. ([Office of Media Services, Bureau of Public Affairs.]) [Issued with perforations.] * Paper, \$14.50 per yr., add \$3.75 for foreign mailing; single copies, each 20c. ● Item 862-B

- 11245 Poland [with reading list]. [Revised Apr. 1974.] Apr. 1974. 6 p. il. 4° ([Publication 8020.]) S 1.123: P 75/974
- 11246 Somalia [with reading list]. [Revised Apr. 1974.] Apr. 1974. 6 p. il. 4° ([Publication 7881.]) S 1.123: So 5/974
- 11247 (South) Korea [with reading list]. [Revised Mar. 1974.] [1974.] 6 p. il. 4° ([Publication 7782.]) S 1.123: So 8 k/974
- 11248 Syria [with reading list]. [Revised Apr. 1974.] Apr. 1974. 6 p. il. 4° ([Publication 7761.]) S 1.123: Sy 8/974
- 11249 Uganda [with list of references]. [Revised Mar. 1974.] Mar. 1974. 7 p. il. 4° ([Publication 7958.]) S 1.123: Ug 1/974

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General foreign policy series.

- 11250 286. Battle act report, 1973, Mutual defense assistance control act of 1951, 26th report to Congress. [June 1974.] [5]+65 p. ([Publication 8765.])
* Paper, 75c. ● Item 875 S 1.71: 286

Inter-American series.

- 11251 106. U.S. policy toward Panama, 1903-present, questions of recognition and diplomatic relations and instances of U.S. intervention. [May 1974.] [2]+12 p. 4° ([Publication 8763; Office of Media Services, Bureau of Public Affairs.]) [From Department of State bulletin, Apr. 22, 1974.] * Paper, 30c. (S/N 4400-01533). ● Item 877 S 1.26: 106
- 11252 You and your passport. Revised May 1974. [1974.] [2]+16 p. il., narrow 8° (Passport Office.) * Paper, 35c. (S/N 4400-1530). S 1.2: P 26/29

STATISTICAL REPORTING SERVICE, Agriculture Dept. Washington, DC 20250

- 11253 Flowers and foliage plants, production and sales, 1972 and 1973, intentions for 1974. Mar. 1974. 18 p. 4° (SpCr 6-1(74); Crop Reporting Board.)
+ ● Item 24-L A 92.32: 974
- 11254 Seed crops, annual summary 1973. May 30, 1974. 20 p. 4° (SeHy 1-3(74); Crop Reporting Board.) + A 92.19/4: 973-2
- 11255 Wool and mohair, wool production, price and value, 1970-72 (by States), mohair production, price and value, 1971-73 (Texas). Apr. 12, 1974. 4 p. 4° (MtAn 5-3(4-74); Crop Reporting Board.) + A 92.29/5: 973

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

Report FAA-RD (series).

- 11256 73-136. Evaluation of large screen display in automated oceanic ATC, air traffic control, environment, final report [with list of references; by] Anthony J. Spingola [and] Robert L. Giordano, Oct. 1973, cover title, [50] p. il. 4° [Prepared by National Aviation Facilities Experimental Center, Atlantic City, N.J., under contract 102-150-020.] @ (Price upon application). TD 4.509: 73-136
- 11257 73-138. Aircraft fuel system tests with gelled fuel-flowmeter calibration, fuel boost pump and jettison tests, final report. [with list of references; by] Joseph A. Aybel, Nov. 1973, cover title, vi+23 p. il. 4° [Prepared by National Aviation Facilities Experimental Center, Atlantic City, N.J., under contract 181-530-020.] @ (Price upon application). TD 4.509: 73-138
- 11258 73-149. Operational evaluation of ARTS II radar alphanumeric display subsystem (RADIS), final report; [by] James F. Akers, Robert A. Clark, Oct. 1973, cover title, vi+13+[1]+4 p. il. 4° [Prepared under contract 142-175-020 by National Aviation Facilities Experimental Center, Atlantic City, N.J.] @ (Price upon application). TD 4.509: 73-149
- 11259 73-154. Ultraviolet and near-infrared spectral analysis of a burner-can burn-through flame; final report [Feb.-Mar. 1972; by] Richard Hill, Nov. 1973, cover title, vii+20 p. il. 4° [Prepared under contract 181-522-010 by National Aviation Facilities Experimental Center, Atlantic City, N.J.] @ (Price upon application). TD 4.509: 73-154
- 11260 73-157. Evaluation of a portable photometer to measure light output of installed in-pavement lighting fixtures; [by] Raymond E. Johnston, E. Leon Reamer, Nov. 1973, iv+8 p. il. 4° [Prepared under contract 072-324-000 by National Aviation Facilities Experimental Center, Atlantic City, N.J.] @ (Price upon application). TD 4.509: 73-157

TARIFF COMMISSION Washington, DC 20436

- 11261 Casual footwear and slippers for men, Capital Footwear Corp., Worcester, Mass., report to the President on investigation TEA-F-61 under sec. 301(c) (1) of Trade Expansion Act of 1962. May 1974. [2]+ii+8+A-58 p. 4° (TC publication 673.) + TC 1.2: F 73/41

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- 11262 Footwear for men and women, workers and former workers of Westland Shoe Corp., Biddeford, Me., wholly owned subsidiary of Standard Prudential Corp., New York, N.Y. report to the President on investigation TEA-W-232 under sec. 301(c) (2) of Trade expansion act of 1962. May, 1974. [45] p. 4° (TC publication 674.) + TC 1.2: F 73/39
- 11263 Picker sticks from Mexico, determination of injury or likelihood of injury in investigation AA 1921-139 under Antidumping act, 1921, as amended May 1974. cover title, 6 p. 4° (TC publication 671.) + TC 1.31/2: P 58
- 11264 Radio remote control garage door openers, workers of Chicago, Ill., plant of Chamberlain Manufacturing Corp., report to the President on investigation TEA-W-238 under sec. 301(c) (2) of Trade expansion act of 1962. Sept. 1974. [2]+ii+7+A-30 p. 4° (TC publication 689.) + TC 1.2: R 11/7
- 11265 Regenerative blower/pumps from West Germany, determination of no injury or likelihood thereof or prevention of establishment in investigation AA 1921-140 under Antidumping act, 1921, as amended. May 1974. cover title, 14 p. 4° (TC publication 676.) + TC 1.31: B 62
- 11266 Textile machinery parts, Herr Manufacturing Co., Inc. report to President on investigation TEA-F-62 under sec. 301(c) (1) of Trade expansion act of 1962. May 1974. [2]+ii+5+A-71 p. 4° (TC publication 672.) + TC 1.2: T 31/3

Trade barriers, report to Committee on Finance, Senate, and its Subcommittee on International Trade.
L.C. card 74-601524

- 11267 pt. 1. [Trade barriers, overview.] Apr. 1974. [604] p. il. 4° (TC publication 665.) * Paper, \$5.40 (S/N 4900-00034). ● Item 978 TC 1/2: T 67/19/pt.1
- 11268 pt. 2. Nontariff trade barriers. April 1974. [568] p. il. 4° (TC publication 665.) * Paper, \$5.20 (S/N 4900-00035). ● Item 978 TC 1.2: T 67/19/pt.2

TECHNOLOGY TRANSFER, Environmental Protection Agency Washington, DC 20460

- 11269 Nitrification and denitrification facilities, wastewater treatment [with list of references; by Clair N. Sawyer, Harry E. Wild and Thomas C. McMahon]. [Revised Feb. 1974.] Aug. 1973. iii+33 p. il. 4° [Metric conversion tables on p. 2 of cover.] + ● Item 473-C-1 EP 7.10: N 63

TENNESSEE VALLEY AUTHORITY Washington, DC 20444

- 11270 Air-drying guide for Tennessee Valley. [1974.] [8] p. il. narrow 8° + Director, Division of Forestry, Fisheries, and Wildlife Development, Norris, TN 37828 Y 3.T 25: 2/Ai 7

TRANSPORTATION DEPARTMENT Washington, DC 20590

- 11271 Additional cost of providing mobility for elderly and handicapped on Washington Metropolitan Rail Rapid Transit System [with lists of references]. May 1973. cover title, [47] p. il. 4° + TD 1.2: El 2
- 11272 National plan for development of microwave landing system [with list of references]. July 1971. cover title, [104] p. il. 4° (Federal Aviation Administration.) [Prepared in cooperation with Department of Defense and National Aeronautics and Space Administration.] @ Paper, \$3.00. TD 1.2: M 58
- 11273 Transportation Systems Center, special briefing, proceedings, Oct. 30-31, 1972; W. Crawford Dunlap, editor. [1973.] cover title, xii+116 p. il. 4° + TD 1.2: T 68/18

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GOVERNMENT PUBLICATIONS

TREASURY DEPARTMENT
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- 11274 Data elements, entitlement period 5. [May 1974.] cover title, [4]+xvii+377
p. 4° (Office of Revenue Sharing.) * Paper, \$3.80. ● Item 925
T 1.2 : D 26/5

Department circular, public debt series.

- 11275 5-74. 8% percent treasury notes of series I-1976, dated and bearing interest
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924 T 1.4/3 : 5-74
- 11276 6-74. 8% percent treasury notes of series C-1978, dated and bearing interest
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924 T 1.4/3 : 6-74
- 11277 7-74. 8% percent treasury bonds of 1994-99, dated and bearing interest from
May 15, 1974, due May 15, 1999. [May 2, 1974.] [2] p. 4° + ● Item
924 T 1.4/3 : 7-74
- 11278 Fifth entitlement period allocations with prior period adjustments. [1974.]
cover title, [3]+ix+356 p. 4° (Office of Revenue Sharing.) * Paper,
\$3.55 (S/N 4804-00698). ● Item 925 T 1.2 : P 29/11
- 11279 Selling to Department of Treasury. [1974.] [4]+10+[2] p. il. 4° * Paper,
55c. ● Item 925 T 1.2 : Se 4

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

- 11280 Study of Canadian market for United States travel [with list of references ;
prepared by Traveldata, Toronto]. Dec. 1973. [pub. Apr. 1974.] iv+40
p. il. 4° (Office of Research and Analysis.) + C 47.2 : C 16

URBAN MASS TRANSPORTATION ADMINISTRATION,
Transportation Dept., Washington, DC 20590

- 11281 Handicapped and elderly market for urban mass transit, executive sum-
mary. July 1973. cover title, [1]+26 p. il. 4° [Prepared by Urban Mass
Transportation Administration and Transportation Systems Center.] +
TD 7.2 : H 19

VETERANS ADMINISTRATION
Washington, DC 20420

VA pamphlet.

- 11282 10-102. Nurse anesthetists in Veterans Administration hospitals. [Revised Feb.
1974.] [1974.] 3 p. il. 4° ([Department of Medicine and Surgery.])
+ ● Item 988 VA 1.19 : 10-102

WAGE AND HOUR DIVISION, Labor Dept.
Washington, DC 20210

- 11283 Federal labor laws, filing instructions [looseleaf system containing laws
administered by Wage and Hour Division with regulations and inter-
pretations]. Transmittal 8. [Nov. 12, 1973.] [18] p. 4° [Issued with
perforations.] * Paper, \$21.45 (basic and supplementary material for
indefinite period) ; add \$5.40 for foreign mailing. ● Item 778-B
L 36.205/2 : 971/trans.8

WATER PROGRAM OPERATIONS OFFICE, Environmental
Protection Agency, Washington, DC 20460

- 11284 Maintenance management systems for municipal wastewater facilities ;
[with list of references]. Oct. 1973. vii+118 p. il. 4° (Municipal Op-
erations/Branch.) [Contract 68-01-0341.] * Paper, \$1.60. ● Item 607-C
EP 2.8 : W 28/4

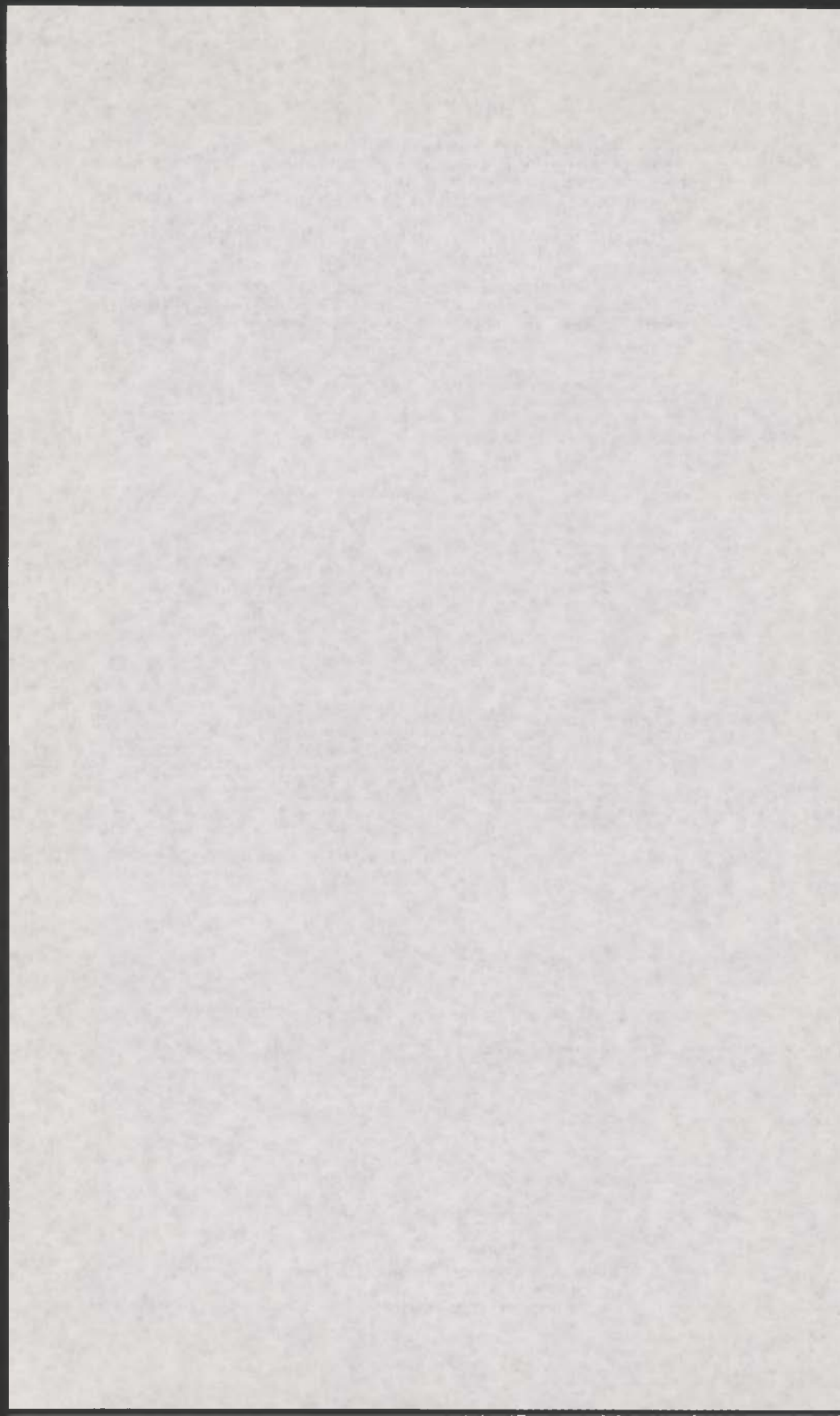
*For Sale by Superintendent of Documents
+Distribution Made by Issuing Office
#Not Available for Sale or Distribution

NOVEMBER 1974

- 11285 Manpower requirements for wastewater collection systems in cities of 150,000 to 500,000 in population [with bibliography]; by Elie Namour. Mar. 1974. [1]+v+182 p. il. 4° (Manpower Development Staff.) [Grant award T-900211.] + ● Item 607-C EP 2.8: M 31/2/974

YOUTH DEVELOPMENT OFFICE, Health, Education, and
Welfare Dept., Washington, DC 20201

- 11286 Strategies for restructuring State department of Youth Services [Massachusetts experience]; by Yitzhak Bakal. [1974.] ii+23 p. ((SRS) 73-26034.) * Paper, 40c. (S/N 1766-00014). ● Item 532-C-2
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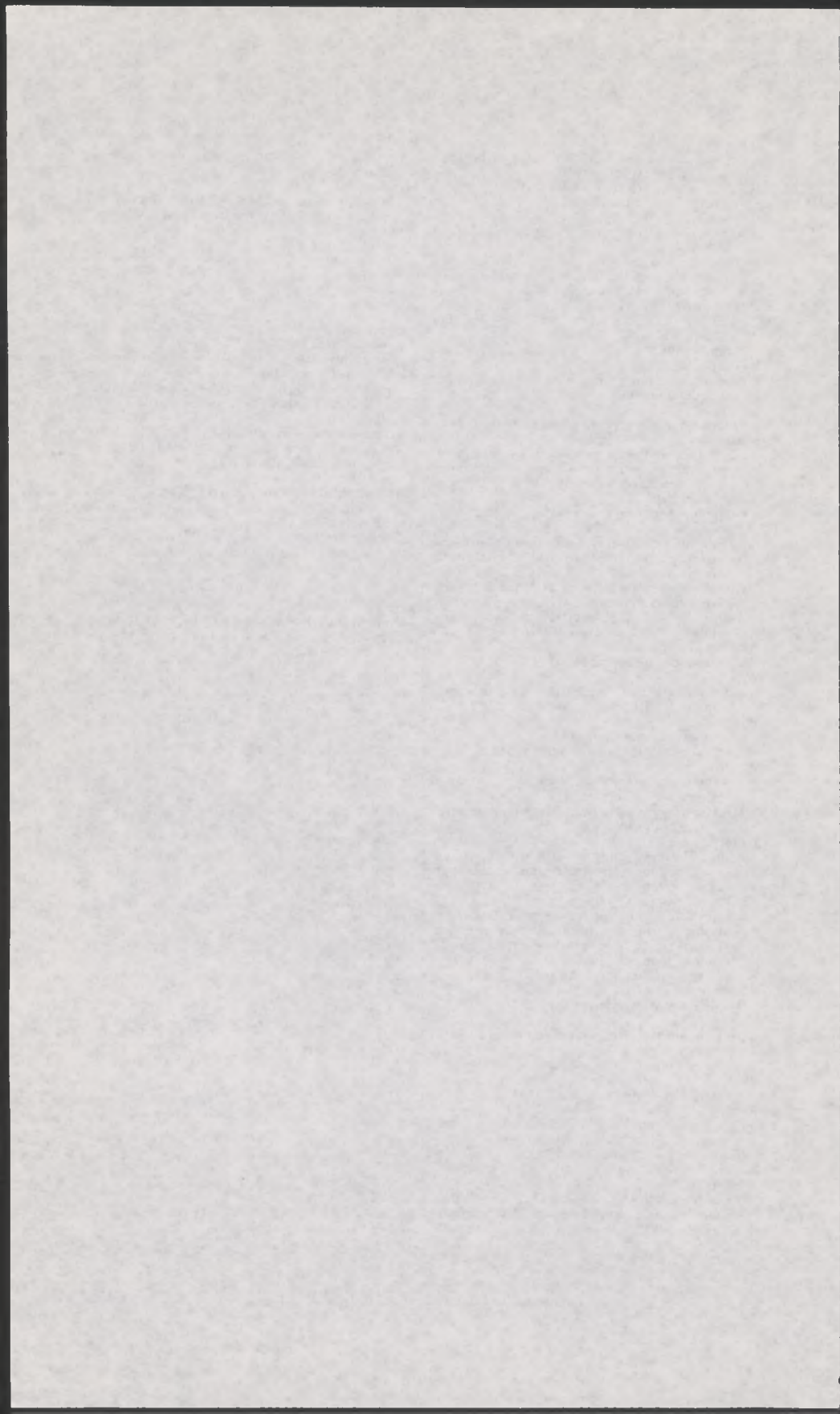
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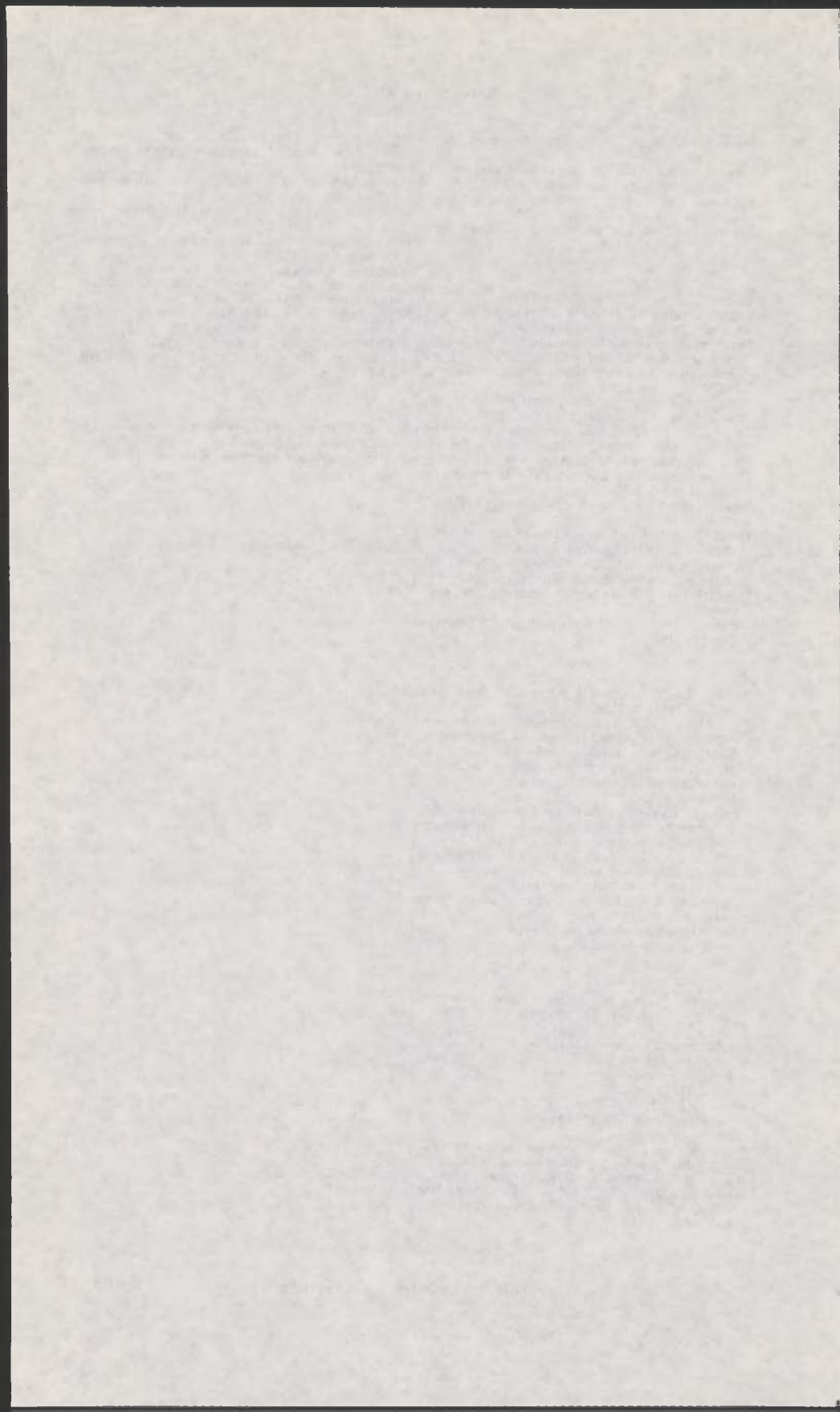
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