

31 3 2 9 1973

# MONTHLY CATALOG

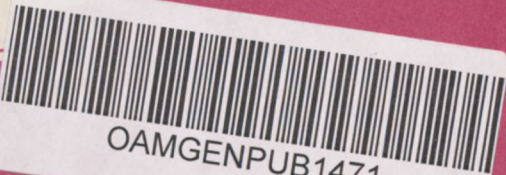
NOV 9 1973

UNITED STATES

GOVERNMENT PUBLICATIONS

NOVEMBER 1973

Entries 30685-31902



OAMGENPUB1471

## DISTRIBUTION OF PUBLICATIONS

In ordering publications listed in this catalog, it should be noted that *only* those marked with an asterisk (\*) are obtainable from the Superintendent of Documents.

Publications marked with a farad ( $\Phi$ ) are sold by the National Technical Information Service, Springfield, VA 22151.

Where a single dagger ( $\dagger$ ) is the distribution symbol, application should be made directly to the department or bureau issuing the document.

- \* For sale by SUPERINTENDENT OF DOCUMENTS
- $\Phi$  For sale by National Technical Information Service, Springfield, VA 22151
- $\dagger$  Distribution made by Issuing Office. Not definitely available if unaccompanied by a price
- $\ddagger$  Not available for sale or distribution
- Sent to Depository Libraries

## SIZES OF PUBLICATIONS

Symbols used to designate sizes of publications listed in this catalog are as follows:

4°	6-12 inches high and width more than $\frac{3}{4}$ of height
large 4°	over 12 inches high and width more than $\frac{3}{4}$ of height
small 4°	under 6 inches high and width more than $\frac{3}{4}$ of height
8°	8-10 inches in height (size not given in entry except where publication is narrow or oblong)
large 8°	10-12 inches in height
12°	7-8 inches in height
16°	6-7 inches in height
24°	5-6 inches in height
32°	4-5 inches in height
48°	up to 4 inches high
f°	above 12 inches in height
narrow	width less than $\frac{3}{5}$ of height
oblong	width more than height

# MONTHLY CATALOG



OF UNITED STATES  
GOVERNMENT PUBLICATIONS

---

NOVEMBER 1973

Number 946

---

Entries 30685-31902

Issued by the SUPERINTENDENT OF DOCUMENTS

---

U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 : 1973

L.C. Card 4-18088

FOR SALE BY THE SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT  
PRINTING OFFICE, WASHINGTON, D.C. 20402. PRICE \$1.25 PER COPY  
EXCEPT DECEMBER (INDEX) ISSUE, WHICH VARIES IN PRICE  
SUBSCRIPTION PRICE \$12.50 PER YEAR (INCLUDING INDEX)  
\$3.25 ADDITIONAL FOR FOREIGN MAILING

## PREVIEWS

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

- Barriers to health care for older Americans, hearings, pt. 2, Washington, D.C. (Senate Special Committee on Aging.) 70c ● Y 4.Ag 4: H 34/14/pt. 2
- Bibliography of the history of medicine, Number 6, 1970. (National Library of Medicine, DHEW pub. (NIH) 72-315.) \$3.70. ● HE 20.3615: 6
- Catalog of guides to outdoor recreation areas and facilities. (Outdoor Recreation Bureau.) \$1.05. ● I 66.8: G 94
- Consumer related budget cuts, hearings. (Joint Economic Committee, Congress.) \$1.45. ● Y 4.Ec 7: C 76/2
- Current foreign policy: United States troop levels in Europe. (State Department, Publication 8737, European and British Commonwealth series 80.) 25c ● S 1.74: 80
- Directory of representative work education programs, 1972-73. (Education Office.) \$2.95. ● HE 5.2: W 89/2/972-73
- Discovering Prince William Forest. (National Park Service.) 45c. ● I 29.6: P 93/4
- Economic stabilization program, phase IV, final food regulations. (Cost of Living Council.) 25c. ● PrEx 17.10: F 73/2
- Elevations and distances in the United States. (Geological Survey.) 30c. ● I 19.2: El 2/3
- Emergency preparedness progress in the electric utility industry. (Defense Electric Power Administration.) 80c. ● I 56.2: Em 3
- Energy and the environment, electric power. (Council on Environmental Quality.) 85c ● PrEx 14.2: En 9/4
- Environmental impact of electrical power generation: Nuclear and fossil. Atomic Energy Commission, Research and development report WASH-1261 \$1.25. ● Y 3.At 7: 22/WASH-1261
- Equal employment opportunity counseling, a guidebook. (Civil Service Commission, Personnel methods series 19.) 30c. ● CS 1.58: 19
- Federal paperwork burden (small securities broker-dealers requirements), hearing, pt. 4. (Senate Small Business Select Committee.) \$3.25. ● Y 4.Sm 1/2: P 19/pt.4
- Food for fitness, a daily food guide. (Agriculture Department, Leaflet 424.) 25c ● A 1.35: 424/6
- Good foods coloring book. (Agriculture Department, Program aid 912.) 40c. ● A 1.68: 912/2
- How to buy public lands. (Land Management Bureau, Information bulletin 4.) 25¢. ● I 53.9: 4/3
- Human behavior and leadership. (Naval Training Command, NAVTRA 10058-A.) \$2.60. ● D 207.208/4: H 88
- Learning about the environment. (Land Management Bureau.) 25c. ● I 53.7/2: En 8/2
- Mixers and blenders. (Federal Supply Service, Consumer information series 13.) 25c ● GS 2.16: 13
- National Institutes of Health radiation safety guide. (National Institutes of Health, DHEW pub. (NIH) 73-18.) \$2.00. ● HE 20.3008: R 11
- Nature and extent of retail and consumer losses in apples, oranges, lettuce, peaches, strawberries, and potatoes marketed in greater New York. (Agriculture Department, Marketing research report 996.) 40c. ● A 1.82: 996

- Nursing homes, a county and metropolitan area data book. (National Center for Health Statistics, DHEW pub. (HSM) 73-1215.) \$2.10. ●  
HE 20.2202 : C 83/sec. 2/973
- Oil and natural gas pipeline rights-of-way, hearings, pt. 1. (House Interior and Insular Affairs Committee, serial 93-12.) \$3.45. ● Y 4. In8/14 : 93-12/pt. 1
- Our Constitution and government. (Immigration and Naturalization Service, Federal textbook on citizenship, home study course, M-39, revised 1973.) \$2.60. ● J 21.9 : C 76/4/973
- Project Helping Wheels [transportation for the elderly]. (Aging Administration, DHEW pub. (SRS) 73-20102.) 25c ● HE 1.202 : W 57
- School food program needs: State school food service directors' response, Committee print. (Senate Select Committee on Nutrition and Human News.) 80c. ● Y 4.N 95 : Sch 6
- Systematic monograph of New World Ethmid moths (Lepidoptera: Gelechioidea). (Smithsonian Institution, Smithsonian contributions to zoology 120.) \$3.85 ● SI 1.27 : 120
- U.S. Government purchasing and sales directory. (Small Business Administration.) \$2.35. ● SBA 1.13/3 : 972
- Utilization of short-stay hospitals, summary of nonmedical statistics, United States, 1970 (National Center for Health Statistics, Vital and health statistics series 13, number 14, DHEW pub. (HRA) 74-1765.) 85c. ● HE 20.2210 : 13/14
- Washington Summit: General Secretary Brezhnev's visit to the United States, June 18-25, 1973. (State Department, Publication 8733, European and British Commonwealth series 79.) 85c ● S 1.74 : 79
- We want you to know about microwave oven radiation. (Food and Drug Administration, DHEW pub. (FDA) 73-8049.) 20c. ● HE 20.4002 : M 58
- Wolf Trap Farm Park for the Performing Arts. (National Park Service.) 20c. ● I 29.2 : W 83/973

# Contents

---

---

	Page
Previews -----	III
Abbreviations, Explanation -----	VI
General Information -----	VII
How To Order Publications -----	VIII
New Classification Numbers -----	IX
Corrections for Previous Monthly Catalogs -----	X
List of Government Authors -----	XI
Monthly Catalog -----	1
Index -----	83

---

---

## Abbreviations

add-----	addition, addendum, addenda.	n. d-----	no date.
Amdt., amdts-----	amendment, amendments.	n. p-----	no place.
app-----	appendix, appendixes,	no., nos-----	number, numbers.
bk., bks-----	book, books.	p-----	page, pages.
chap-----	chapter, chapters.	p. of pl-----	pages of plates.
Cong-----	Congress.	par., pars-----	paragraph, paragraphs.
Dept-----	Department.	pl-----	plate, plates.
doc-----	document.	por-----	portrait, portraits.
facsim-----	facsimile, facsimiles.	pt., pts-----	part, parts.
fy-----	fiscal year.	rp-----	report.
G.H.A-----	Greenwich hour angle.	S-----	Senate, Senate bill.
H-----	House.	S. Con. Res-----	Senate concurrent resolution.
H. Con. Res-----	House concurrent resolution.	S. doc-----	Senate document.
H. doc-----	House document.	S. ex. doc-----	Senate executive document.
H. ex. doc-----	House executive document.	S. ex. rp-----	Senate executive report.
H. J. Res-----	House joint resolution.	S. J. Res-----	Senate joint resolution.
H. R-----	House of Representatives, House bill.	S. Res-----	Senate resolution.
H. Res-----	House resolution.	S. rp-----	Senate report.
H. rp-----	House report.	sec-----	section, sections.
il-----	illustration, illustrations.	sess-----	session, sessions.
in-----	inch, inches.	Stat. L-----	Statutes at large.
lat-----	latitude.	supp-----	supplement.
long-----	longitude.	tab-----	tables, tables.
m-----	mille.	Treas-----	Treasury.
		v-----	volume, volumes.
		vs., v-----	versus.

Common abbreviations for the names of States, months, etc., are also used. An explanation of the symbols used to designate sizes of publications is given on the inside of the front cover.

## Explanation

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

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

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

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



# General Information

The Superintendent of Documents, Government Printing Office, Washington, D.C., is authorized by law to sell copies of Government publications and to allow a discount of 25 percent to book dealers and also to quantity purchasers of 100 or more copies of a single publication going to one address, on condition that they will adhere to the public sales price set by the Superintendent of Documents and that publications shall not be overprinted with any advertising matter.

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

## PRICE LIST

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

## LIST OF SELECTED PUBLICATIONS

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.

A difficult problem is also presented in providing a supply of Congressional documents, hearings, and reports because there are approximately 6,000 of this class of publications issued during a Congress. Sales copies of a few of the more important ones are printed. The availability of those not for sale is indicated in the individual entries.

## HOW TO ORDER PUBLICATIONS

Publications entered in this catalog that are for sale by the Superintendent of Documents are indicated by an asterisk (\*) preceding the price. Those for sale by the National Technical Information Service are indicated by a farad (Φ) preceding the price. A black dot (●) indicates that the publication has been, or will be, sent to depository libraries. A dagger (†) indicates that application should be made to the department, bureau, or agency issuing the document. A double dagger (‡) indicates that the document is printed for official use and is not obtainable. Whenever additional information concerning the method of procuring a document seems necessary, it will be found under the name of the bureau by which it was published.

In ordering a publication from the Superintendent of Documents, give the name of the publishing department, bureau, or agency, and the title, together with the classification number which is added to the entry at the extreme right, 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.

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

### HOW TO REMIT

Remittances for documents marked with an asterisk (\*) should be made to the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, by coupon, postal money order, express order, or check. Publications cannot be mailed in advance of receipt of remittance. Foreign remittances should be made by international money order, or draft on an American bank.

*Foreign money, defaced or smooth coins, will not be accepted. Do not send postage stamps.*

For the convenience of the general public, coupons in the denomination of 5¢ that are good until used in exchange for Government publications sold by the Superintendent of Documents, may be purchased from this office. Address the order to Superintendent of Documents, Government Printing Office, Washington, DC 20402.

Persons who make frequent purchases from the Superintendent of Documents may find a deposit account convenient. Deposits of \$25.00 or more are accepted against which orders may be placed without making individual remittances or first obtaining quotations. Order blanks are furnished for this purpose. After the handling of the order has been completed, it will be returned showing the publications supplied, explanations regarding those not sent, the amount of charge, and the balance on deposit.

No charge is made for postage on documents forwarded to points in United States and possessions, or to Canada, Cuba, Mexico, and certain Central and South American countries. To other countries the regular rate of postage is charged, and remittances must cover such postage. In computing foreign postage, add one-fourth of the price of the publication.

### 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

- |                            |                                                                                                                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A 93.37 : date_____        | Economic Research Service.<br>FDD field reports.                                                                                                                                       |
| C 56.244/3 : date/nos_____ | Census Bureau.<br>Census of manufactures : Special reports, MC—<br>(SR) series.<br><small>NOTE.—See, for earlier class, C 3.24/15 : (date/<br/>nos.).</small>                          |
| C 57.12 : date_____        | Domestic and International Business Administra-<br>tion.<br>Overseas trade promotions calendar.                                                                                        |
| C 57.111 : nos_____        | International Commerce Bureau.<br>Foreign economic trends and their implications<br>for United States.<br><small>NOTE.—See, for earlier class, C 42.30 : (nos.).</small>               |
| D 103.58 : date_____       | Engineers Corps.<br>List of Illinois River terminals, docks, mooring<br>locations, and warehouses.<br><small>NOTE.—Issued by St. Louis District, St. Louis,<br/>Mo.</small>            |
| D 103.58/2 : date_____     | List of Mississippi River terminals, docks,<br>mooring locations, and warehouses.                                                                                                      |
| EP 1.34/2 : nos_____       | Environmental Protection Agency<br>Life pass it on, PAO-(series).<br><small>NOTE.—Issued by the Rocky Mountain Prairie<br/>Region, Denver, Colorado.</small>                           |
| EP 1.39 : date_____        | Quarterly calendar of environmental meetings.                                                                                                                                          |
| EP 1.41 : date_____        | Inventory of interstate carrier water supply<br>systems.                                                                                                                               |
| GA 1.12/2 : date_____      | General Accounting Office.<br>Federal financial management directory (an-<br>nual).                                                                                                    |
| HE 1.211 : CT_____         | Aging Administration.<br>Patterns for progress in aging.<br><small>NOTE.—See, for earlier class, HE 17.313 : (CT).</small>                                                             |
| HE 5.92/4 : date_____      | Education Office.<br>Institutions of higher education, index, by<br>State and Congressional district.<br><small>NOTE.—See, for earlier class, HE 5.250 : 50060-<br/>71.</small>        |
| HE 5.92/5 : date_____      | Earned degrees conferred.<br><small>NOTE.—See, for earlier class, HE 5.254 : 54013-<br/>(nos.).</small>                                                                                |
| HE 5.93/8 : date_____      | Statistics of local public school systems, staff.<br><small>NOTE.—See, for earlier class, HE 5.220 : 20112-<br/>69.</small>                                                            |
| HE 5.98 : date_____        | Digest of educational statistics (annual).<br><small>NOTE.—See, for earlier class, HE 5.210 : 10024-<br/>(nos.).</small>                                                               |
| HE 5.99 : date_____        | Research and training opportunities abroad,<br>educational programs in foreign language<br>and area studies.<br><small>NOTE.—See, for earlier class, HE 5.214 : 14134-<br/>74.</small> |
| HE 20.3809 : CT_____       | National Institute of Mental Health.<br>Crime and delinquency issues, monograph<br>series.<br><small>NOTE.—See, for earlier class, HE 20.2420/2 :<br/>(CT).</small>                    |

- Center for Disease Control.  
 HE 20.7001: date----- Annual report.  
 NOTE.—See, for earlier class, HE 20.2301:  
 (date).
- HE 20.7002: CT----- General publications.  
 NOTE.—See, for earlier class, HE 20.2302:  
 (CT).
- Child Development Office.  
 HE 21.12: date----- Annual report of U.S. Department of Health,  
 Education, and Welfare to Congress of  
 United States on services provided to handi-  
 capped children in Project Head Start.
- Interior Department.  
 I 1.88/2: date----- Catalog of research projects.  
 NOTE.—Issued by Office of Saline Water.
- Indian Affairs Bureau.  
 I 20.51/2: CT----- Indians [various subjects].
- Reclamation Bureau.  
 I 27.62: CT----- Annual operating plans.
- Mines Bureau.  
 I 28.121: date----- Minor nonmetals, annual advance summary.  
 Occupational Safety and Health Administration.
- L 35.6/3-3: Reserved  
 L 35.6/3-4: date----- Occupational safety and health: v. 4, Other  
 regulations and procedures.
- Securities and Exchange Commission.  
 SE 1.11/2: date----- Index to Commission decisions.
- Smithsonian Institution.  
 SI 137: nos----- Research reports.
- Alcohol, Tobacco and Firearms Bureau.  
 T 70.6: CT----- Regulations, rules, and instructions.
- Aviation Advisory Commission.  
 Y 3.Av 5: 1/date----- Report.
- National Advisory Commission on Criminal Jus-  
 tice Standards and Goals.  
 Y 3.C 86: 1/date----- Report.
- General publications.  
 Y 3.C 86: 2 CT----- National Advisory Council on Extension and Con-  
 tinuing Education.
- Report.  
 Y 3.Ex 8: 1/date----- General publications.
- General publications.  
 Y 3.Ex 8: 2 CT----- Presidential Campaign Activities, Select Commit-  
 tee on, Senate.
- Publications.  
 Y 4.P 92/4: CT-----

#### Corrections for Previous Monthly Catalogs

- Mar. 1972. Entry 4059, Shore protection guidelines, part of National shoreline study. Correct class to read D 103.6/5: Sh 7.
- Dec. 1972. Entry 14275, Cottonseed quality, crop of 1971. Correct class to read A 88.11/15: 971.
- Mar. 1973. Entry 20487, Register, Department of Justice and courts of United States. Correct price to read \*Paper, \$7.00 a year; \$1.75 additional for foreign mailing.
- June 1973. Entry 25644, Briefs of aircraft accidents involving turbine powered aircraft, U.S. general aviation, 1970. Correct class to read TD 1.109/14: 72-6.
- Aug. 1973. Entry 27096, Studies in public welfare, paper 6. Change † to \* Paper, \$1.50.
- Entry 27343, Management of national resource lands. Correct class to read Y 4.In 8/13: L 23/15.
- Sept. 1973. Entry 28026, What's happened to food prices? Correct class to read A 21.2: F 73/5.
- Entry 28400, Tax exempt foundation and charitable trusts, hearings before Subcommittee on Domestic Finance. Correct class to read Y 4.B 22/1: T 19/9.
- Entry 28701, Flood plain information: Cedar Bayou, Houston metropolitan area, Tex. Correct class to read D 103.47: H 81.
- Oct. 1973. Page ix, L35.6/2: date. Change this number to read L 35.6/3-2: date.
- Entry 30604, Federal Prison Industries, Inc., Board of Directors annual report, 1972. Correct class to read J 16.51: 972.

## List of Government Authors

	Beginning entry
Action .....	30685
Advisory Commission on Intergovernmental Relations.....	30687
Agriculture Department.....	30696
Agricultural Marketing Service.....	30690
Agricultural Research Service.....	30693
Agricultural Stabilization and Conservation Service.....	30694
Animal and Plant Health Inspection Service.....	30738
Economic Research Service.....	31215
Farmer Cooperative Service.....	31312
Food and Nutrition Service.....	31346
Foreign Agricultural Service.....	31349
Forest Service.....	31352
Rural Electrification Administration.....	31790
Soil Conservation Service.....	31816
Statistical Reporting Service.....	31878
Appalachian Regional Commission.....	30742
Atomic Energy Commission.....	30766
Aviation Advisory Commission.....	30784
Central Intelligence Agency.....	30865
Civil Aeronautics Board.....	30870
Civil Service Commission.....	30873
Commerce Department.....	30892
Domestic and International Business Administration.....	31202
International Commerce Bureau.....	31501
Maritime Administration.....	31574
National Bureau of Standards.....	31673
National Oceanic and Atmospheric Administration.....	31718
Environmental Data Service.....	31265
National Marine Fisheries Service.....	31710
National Ocean Survey.....	31713
National Oceanographic Instrumentation Center.....	31727
National Weather Service.....	31748
Patent Office.....	31763
Social and Economic Statistics Administration	
Census Bureau.....	30789
Economic Analysis Bureau.....	31213
Congress .....	30897
Atomic Energy Joint Committee.....	30937
Economic Joint Committee.....	30938
House of Representatives.....	30941
Agriculture Committee.....	31007
Appropriations Committee.....	31008
Banking and Currency Committee.....	31013

## Congress—Continued

	Beginning entry
House of Representatives—Continued	
Committees, Select Committee on.....	31016
Education and Labor Committee.....	31017
Foreign Affairs Committee.....	31021
Government Operations Committee.....	31023
Interior and Insular Affairs Committee.....	31025
Interstate and Foreign Commerce Committee.....	31028
Merchant Marine and Fisheries Committee.....	31033
Post Office and Civil Service Committee.....	31034
Public Works Committee.....	31040
Science and Astronautics Committee.....	31041
Ways and Means Committee.....	31042
Reduction of Federal Expenditures Joint Committee.....	31043
Senate.....	31045
Aeronautical and Spaces Sciences Committee.....	31121
Aging, Special Committee on.....	31122
Agriculture and Forestry Committee.....	31123
Appropriations Committee.....	31124
Armed Services Committee.....	31132
Banking, Housing, and Urban Affairs Committee.....	31134
Commerce Committee.....	31137
Finance Committee.....	31140
Foreign Relations Committee.....	31141
Government Operations Committee.....	31142
Interior and Insular Affairs Committee.....	31143
Judiciary Committee.....	31148
Labor and Public Welfare Committee.....	31153
Nutrition and Human Needs, Select Committee on.....	31157
Post Office and Civil Service Committee.....	31158
Presidential Campaign Activities, Select Committee on.....	31159
Public Works Committee.....	31160
Small Business, Select Committee on.....	31165
Defense Department.....	31178
Air Force Department.....	30729
Army Department.....	30750
Army Medical Department.....	30765
Engineer Corps.....	31235
Defense Civil Preparedness Agency.....	31175
Defense Mapping Agency.....	31200
Information for Armed Forces, Office of.....	31493
Joint Chiefs of Staff	
Defense Communications Agency.....	31177
Navy Department.....	31761
Medicine and Surgery Bureau.....	31577
Naval Operations Office	
Naval Training Command.....	31759
Naval Personnel Bureau.....	31749
Naval Research Office.....	31750
Environmental Protection Agency.....	31266
Air and Water Programs Office.....	30720
Pesticides Programs Office.....	31764
Water Program Operations Office.....	31896

	Beginning entry
Federal Reserve System Board of Governors.....	31339
Federal Trade Commission.....	31340
General Accounting Office.....	31376
General Services Administration	
National Archives and Records Service.....	31666
Federal Register Office.....	31329
Health, Education, and Welfare Department.....	31407
Aging Administration.....	30689
Child Development Office.....	30866
Child Development Services Bureau.....	30868
Education Office.....	31219
National Institute of Education.....	31693
Public Health Service	
Center for Disease Control.....	30864
Food and Drug Administration.....	31342
Health Services and Mental Health Administration.....	31410
Community Health Service.....	30896
Health Maintenance Organization Service.....	31408
Maternal and Child Health Service.....	31575
National Center for Health Statistics.....	31682
National Institute for Occupational Safety and Health.....	31689
National Institutes of Health.....	31701
Health Manpower Education Bureau.....	31409
John E. Fogarty International Center for Advanced Study in the Health Sciences.....	31515
National Cancer Institute.....	31681
National Heart and Lung Institute.....	31688
National Institute of Allergy and Infectious Diseases.....	31690
National Institute of Child Health and Human Development.....	31691
National Institute of Environmental Health Sciences.....	31694
National Institute of Mental Health.....	31695
National Institute of Neurological Diseases and Stroke.....	31700
National Library of Medicine.....	31709
Social and Rehabilitation Service.....	31805
National Center for Social Statistics.....	31684
Rehabilitation Services Administration.....	31787
Social Security Administration.....	31807
Housing and Urban Development Department.....	31411
Federal Housing Administration.....	31328
Interior Department.....	31494
Fish and Wildlife Service	
Sport Fisheries and Wildlife Bureau.....	31826
Geographic Names Board.....	31391
Geological Survey.....	31393
Indian Affairs Bureau.....	31443
Land Management Bureau.....	31568
Mines Bureau.....	31583
National Park Service.....	31729
Reclamation Bureau.....	31774
Joint Publications Research Service.....	31516

	Beginning entry
Justice Department.....	31549
Federal Bureau of Investigation.....	31318
Immigration and Naturalization Service.....	31440
Narcotics and Dangerous Drugs Bureau.....	31598
Labor Department.....	31553
Employment Standards Administration	
Wage and Hour Division.....	31895
Labor Statistics Bureau.....	31556
Manpower Administration.....	31572
Occupational Safety and Health Administration.....	31762
Veterans Reemployment Rights Office.....	31894
Library of Congress.....	31569
Copyright Office.....	31167
National Advisory Commission on Criminal Justice Standards and Goals.....	31599
National Advisory Committee on Oceans and Atmosphere.....	31600
National Advisory Council on Extension and Continuing Education.....	31601
National Aeronautics and Space Administration.....	31602
National Commission on Materials Policy.....	31685
National Credit Union Administration.....	31686
National Foundation on the Arts and the Humanities	
National Endowment for the Humanities.....	31687
National Labor Relations Board.....	31704
National Science Foundation.....	31738
President of United States.....	31766
Executive Office of the President	
Cost of Living Council.....	31171
Council on Environmental Quality.....	31174
Securities and Exchange Commission.....	31792
Small Business Administration.....	31793
Smithsonian Institution.....	31797
National Air and Space Museum.....	31665
National Portrait Gallery.....	31737
State Department.....	31834
Supreme Court.....	31880
Tariff Commission.....	31881
Tennessee Valley Authority.....	31883
Transportation Department.....	31884
Coast Guard.....	30891
Federal Aviation Administration.....	31313
Air Traffic Service.....	30734
Aviation Medicine Office.....	30785
Flight Standards Service.....	31341
Federal Highway Administration.....	31319
Motor Carrier Safety Bureau.....	31596
Federal Railroad Administration	
Safety Office.....	31791
National Transportation Safety Board.....	31742
Treasury Department.....	31886
Alcohol, Tobacco and Firearms Bureau.....	30737
Internal Revenue Service.....	31500
U.S. Customs Service.....	31887
United States Postal Service.....	31888
Veterans Administration.....	31893



# Monthly Catalog

NO. 946 ● NOVEMBER 1973

## ACTION

806 Connecticut Avenue NW., Washington, DC 20525

NOTE.—ACTION was created as an independent agency within the executive branch of government under the provisions of Reorganization Plan 1 of 1971, effective July 1, 1971, and Executive Order 11603 of June 30, 1971.

- 30685 Bi-annual statistical summary, 10/PG, [Peace Corps] Volunteer records, June 30, 1973. [1973.] cover title, [1]+69 p. 4° † AA 1.12: 973 Pamphlet.
- 30686 4000.10. Directory of college student volunteer programs, academic year 1972-73. [June 1973.] [1]+III+252 p. † ● Item 30-A-2 AA 1.11: 4000.10

## ADVISORY COMMISSION ON INTERGOVERNMENTAL RELATIONS Washington, DC 20575

- 30687 14th annual report, striking a better balance, Federalism in 1972. Jan. 1973. cover title, vi+74 p. 4° (M-76.) [Includes lists of other ACIR publications.] † ● Item 1049-D Y 3.Ad 9/8: 1/973
- 30688 Regional governance promise and performance, substate regionalism and Federal system: v. 2, Case studies. May 1973. cover title, [1]+iv+356 p. il. 4° (A-41.) \* Paper, \$3.45 (S/N 5204-00044). ● Item 1049-D L.C. card 73-602810 Y 3.Ad 9/8: 2 R 26/v.2

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

- 30689 Patterns for progress in aging: Work study in social gerontology, demonstration project at University of Denver; by Edith M. Sherman, Margaret R. Brittan, edited by Ina Friedelson. [June 1973.] [1]+49 p. il. narrow 8° ([DHEW publication (SRS) 73-20190.]) \* Paper, 60c. (S/N 1762-00077). ● Item 447-A-1 HE 1.211: So 1

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

- 30690 Cottonseed quality, crop of 1972. Aug. 1973. cover title, 27 p. il. 4° [Table of contents on p. 2 of cover.] † Agricultural Marketing Service, Market News Section, Cotton Division, P.O. Box 17723, Memphis, Tenn. 38117 A 88.11/15: 972  
[Fresh fruit and vegetable unloads] FVUS (series). † ● Item 19-A A 88.12/31: (nos.)
- 30691 6. Fresh fruit and vegetable shipments, by States, commodities, counties, stations, calendar year 1972. July 1973. 59 p. 4° (Fruit and Vegetable Division, Market News Branch.)
- 30692 7. Fresh fruit and vegetable shipment totals by commodities, States, months, calendar year 1972. July 1973. 19 p. 4° (Fruit and Vegetable Division, Market News Branch.)

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

ARS (series).

- 30693 NC-6. Relative toxicity of chloropicrin, phosphine, EDC-CC1<sub>4</sub>, and CC1<sub>4</sub>-CS<sub>2</sub> to various life stages of Indian meal moth [with list of literature cited]; by C. L. Storey and L. I. Davidson. June 1973. [2]+8 p. 4° † A 77.15: NC-6

‡For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

Page 1

GOVERNMENT PUBLICATIONS

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

- 30694 Nitrogen, phosphate, potash; fertilizer supply 1972-73 [with bibliography]; [prepared by John N. Mahan]. Apr. 1973. [2]+24 p. 4<sup>o</sup> (Agricultural Stabilization and Conservation Service.) † A 82.77: 972-73
- 30695 Pesticide review, 1972 [report by Emergency Preparedness Division; prepared by D. Lee Fowler, John N. Mahan]. [June 1973.] vi+58 p. 4<sup>o</sup> † A 82.76: 972

AGRICULTURE DEPARTMENT  
Washington, DC 20250

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

- Agricultural economic reports. ● Item 42-C A 1.107: (nos.)
- 30696 242. Increasing impact of Federal estate and gift taxes on farm sector, present law and proposed changes; [by W. Fred Woods]. [July 1973.] iv+16 p. 4<sup>o</sup> (Economic Research Service.) \* Paper, 30c. (S/N 0119-00280).
- 30697 243. Effects of alternative marketing margins for beef and pork; [by Richard Crom and Lawrence Duewer]. [Aug. 1973.] v+21 p. il. 4<sup>o</sup> (Economic Research Service.) † A 1.9: (nos.)
- Farmers' bulletins. ● Item 9
- 30698 2171. How to control a gully; [by C. J. Barnes.] [Revised June 1973.] [1973.] 15 p. il. ([Soil Conservation Service.]) \* Paper, 25c. (S/N 0100-02824).
- 30699 2209. Slaughtering, cutting, and processing beef on farm; [by Richard L. Hiner.] [Issued July 1965, slightly rev. Aug. 1973.] [1973.] 32 p. il. ([Marketing Research Institute, Northeastern Region, Agricultural Research Service.]) [Supersedes Farmers' bulletin 1415, Beef on farm-slaughtering, cutting, curing.] \* Paper, 40c.
- Home and garden bulletins. ● Item 11 A 1.77: (nos.)
- 30700 5. Food for family with young children; [prepared by Consumer and Food Economics Institute Agricultural Research Service.] [Revised Apr. 1960, slightly revised Aug. 1973.] [1973.] 16 p. il. \* Paper, 25c. (S/N 0100-02944).
- 30701 74. Food and your weight; [by Louise Page and Nancy Raper.] [Revised July 1973.] [1973.] [2]+38 p. il. ([Consumer and Food Economics Institute, Agricultural Research Service.]) \* Paper, 35c. (S/N 0100-2603).
- 30702 137. Controlling chiggers; [prepared by Northeastern Region, Agricultural Research Service.] [Dec. 1967, slightly revised Aug. 1973.] [1973.] 12 p. il. [Supersedes Leaflet 403, Chiggers, how to fight them.] \* Paper, 25c. (S/N 0100-02949).
- 30703 159. Controlling Japanese beetle; [prepared by North Central Region, Agricultural Research Service.] [Issued 1969, Revised May 1973.] [1973.] 16 p. il. [Supersedes Farmers' bulletin 2151, Japanese beetle, how to control it. Some illustrations are colored.] \* Paper, 35c. (S/N 0100-02794).
- 30704 199. Growing lilacs [prepared by Plant Genetics and Germplasm Institute, Northeastern Region, Agricultural Research Service.]. [Aug. 1973.] ii+10 p. il. \* Paper, 20c. (S/N 0100-02791).
- 30705 204. Growing apricots for home use [prepared by John H. Weinberger]. [July 1973.] 8 p. il. (Western Region, Agricultural Research Service.) \* Paper, 20c. (S/N 0100-02765).
- 30706 206. Growing bonsai; [prepared by Henry M. Cathey]. [Aug. 1973.] 21 p. il. ([Agricultural Research Service.]) \* Paper, 30c. (S/N 0100-02772).
- Marketing research reports. † ● Item 13-B A 1.82: (nos.)
- 30707 1004. Structure of intraseasonal pricing mechanism for late summer onions, 1930-68 [with list of references; by Edward V. Jesse]. [July 1973.] vi+25 p. il. 4<sup>o</sup> (Economic Research Service.)
- 30708 1005. Selected terminal wholesale markets for flowers [with list of literature cited; by D. C. Goodrich, G. H. Sullivan, and J. V. Powell]. [July 1973.] vi+42 p. il. 4<sup>o</sup> (Economic Research Service.) [Prepared in cooperation with Cornell and Purdue Universities.]
- Miscellaneous publication.
- 30709 1273. Regional agricultural research, quarter century of achievement through cooperative endeavor 1947-72. May 1973. iv+40 p. il. 4<sup>o</sup> (Cooperative State Research Service.) [Prepared in cooperation with State Agricultural Experiment Stations. Some illustrations are colored.] \* Paper, 95c. (S/N 0100-02793). ● Item 13-A A 1.38: 1273

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Not Available for Sale or Distribution

NOVEMBER 1973

- PA [Program aid] (series). ● Item 14-A A 1.68:(nos.)
- 30710 920. Regulations governing occupancy and use of national forest recreation sites and areas. [Sept. 1969, slightly revised July 1973.] [6] p. il. narrow 8° (Forest Service.) †
- 30711 1010. Rural credit program, nonfarm enterprises. [June 1972; slightly revised June 1973.] [1973.] [6] p. il. narrow 8° (Farmers Home Administration.) [Supersedes Loans for nonfarm enterprises, PA-908.] †
- 30712 1037. National forest vacations. [June 1973.] [2]+54+[1] p. il. 4° (Forest Service.) [Supersedes FS-50.] \* Paper, 90c. (S/N 0100-02833). †
- 30713 1056. Going abroad? important message for U.S. citizens. [Aug. 1973.] [2] p. oblong, 48° (Animal and Plant Health Inspection Service.) [Supersedes PA-946, Going abroad? important message from Pestina.] †
- 30714 1057. It's good food, keep it safe; [by Evelyn Spindler]. [Aug. 1973.] [6] p. il. narrow 8° (Extension Service.) †
- Picture story.
- 30715 266. And wheat goes on. July 1973. [2] p. il. f° folded into oblong 8° size. (Agricultural Marketing Service.) † A 1.100:266
- Production research report.
- 30716 151. An analysis of beekeeping production costs and returns. [June 1973.] [2] +13 p. 4° (Agricultural Research Service.) \* Paper, 25c. (S/N 0100-02921). ● Item 13-C A 1.84:151
- Science study aid.
- 30717 8. Farming in classroom, teacher's guide [with bibliography]. [1973.] 15+[1] +14 p. il. 4° (Agricultural Research Service.) [Includes supplement 1 of Farming in classroom workbook, pt. 1-14.] \* Paper, 85c. ● Item 14-B A 1.104:8
- Statistical bulletin.
- 30718 524. Prices and price spreads for eggs, frying chickens, and turkeys in 12 major cities, 1966-71; [by Kenneth E. Blase, George M. Hickman and Sandra F. Lesene]. [Aug. 1973.] cover title, iv+232 p. il. (Economic Research Service.) † ● Item 15 A 1.34:524  
L.C. card 73-602808
- Technical bulletin.
- 30719 1482. Quarterly and shorter-term price forecasting models relating to cash and futures quotations for pork bellies [with list of literature cited; by Richard J. Foote, Robert R. Williams, jr. and John A. Craven]. [1973.] cover title, iv+71 p. 4° (Economic Research Service.) [Prepared under contract 12-19-01-5-9 by Texas Tech University for Commodity Exchange Authority and USDA. Abstract on p. 2 of cover.] † ● Item 16 A 1.36:1482

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

- Publication AP--(series). ● Item 483-E EP 4.9:(nos.)
- 30720 119. Air pollution aspects of emission sources; Primary aluminum production, bibliography with abstracts. June 1973. v+57 p. 4° (Office of Air Quality Planning and Standards; Air Pollution Technical Information Center.) \* Paper, 90c.
- 30721 126. Air pollution aspects of emission sources; Primary lead production, bibliography with abstracts. June 1973. v+29 p. 4° (Office of Air Quality Planning and Standards; Air Pollution Technical Information Center.) \* Paper, 65c.
- Publication APTD--(series). EP 4.9/2:(nos.)
- 30722 1352 b. Background information for proposed new source performance standards: Asphalt concrete plants, petroleum refineries, storage vessels, secondary lead smelters and refineries, brass or bronze ingot production plants, iron and steel plants, sewage treatment plants. (Office of Air Quality Planning and Standards.) v. 2. Appendix, summaries of tent data. June 1973. [3]+67 p. 4° φ(PPrice upon application).
- 30723 1465. Air quality data for organics, 1969-70, from national air surveillance networks. June 1973. [36] p. 4° (Office of Air Quality Planning and Standards.) [Issued with perforations.] φ(PPrice upon application).
- 30724 1466. Air quality data for nonmetallic inorganic ions, 1969-70, from national air surveillance networks. June 1973. [84] p. 4° (Office of Air Quality Planning and Standards.) [Issued with perforations.] φ(PPrice upon application).
- 30725 1467. Air quality data for metals 1968-69 from national air surveillance networks. June 1973. [205] p. 4° (Office of Air Quality Planning and Standards.) [Issued with perforations.] φ(PPrice upon application).

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

Page 3

## GOVERNMENT PUBLICATIONS

### Publication APTD—Continued

- 30726 1493. Exhaust emissions from uncontrolled vehicles and related equipment using internal combustion engines, final report: pt. 4. Small air-cooled spark ignition utility engines [with list of references]; by Charles T. Hare, Karl J. Springer, May 1973. [109] leaves, il. 4° [Prepared for Emission Characterization and Control Development Branch, Office of Mobile Source Air Pollution Control and National Air Data Branch, Office of Air Quality Planning and Standards under contract EHS 70-108 by Southwest Research Institutes, San Antonio, Tex.]  $\Phi$ (Price upon application).
- 30727 1523. Heavy duty vehicle driving pattern and use survey, final report: pt. 1, New York City; prepared by John C. Cosby, Wilbur Smith and Associates, Columbia, S.C. May 1973. [110] p. il. 4°  $\Phi$ (Price upon application).
- 30728 1553. Air pollution training institute curriculum, description and recommendations, final report: v. 2, Curriculum recommendations; [by] R. L. Dueker [and] P. A. Mullen. Apr. 20, 1973. v+215 p. 4° (Control Programs Development Division.)  $\Phi$ (Price upon application).

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

Air Force Human Resources Laboratory: [Technical report] AFHRL-TR  
(series). (Air Force Systems Command.) † D 301.45/27:(nos.)

- 30729 72-20. Automated apprenticeship training (AAT), systematized audio-visual approach to self-paced job training [with list of references]; by William J. Pleper [and others]. Apr. 1973. cover title, xi+226 p. il. 4° (Technical Training Division, Lowry Air Force Base, Colo.) [Contract F33615-70-C-1286; Project 0079; Task 007901. Brooks Air Force Base appears on cover.]
- 30730 72-57. Use of simulation models for decisions pertaining to best mix of aircraft, support personnel, spare parts and level of repair [with list of references] by Richard S. Luckew. Mar. 1973. ix+14+[2] p. il. 4° (Wright-Patterson Air Force Base, Ohio.) [Brooks Air Force Base, Tex. appears on cover.]
- 30731 73-14. Evaluation of item-by-item test administration [with one reference]; by Cecil J. Mullins, Iris H. Massey, May 1973. cover title, [2]+188-189 p. 4° (Personnel Research Division, Lackland Air Force Base, Tex.) [Brooks Air Force Base appears on cover.]

Air Force manual AFM (series).

- 30732 25-5. Management engineering: Management engineering policies and procedures. Aug. 8, 1973. [256] p. il. 4° [Supersedes AFM 25-5, June 7, 1968 and AFM 25-1 June 1968. Issued with perforations.] † ● Item 421  
D 301.7: 25-5/2

Air Force Systems Command pamphlet AFSCP (series).

- 30733 800-3. Acquisition management, guide for program management, May 14, 1971, Change 1. Feb. 15, 1972. [38] p. il. 4° [Issued with perforations.]  
\* Paper, 45c. D 301.35/3: 800-3/ch.1

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

- 30734 En route air traffic control handbook, Change 3. [June 27, 1973.] [80] p. 4° (7110.9 C.) [Effective date Oct. 1, 1973. Cancellation date Jan. 1, 1973. Issued with perforations.] \* Paper, \$8.00 (including basic handbook and supplementary material for an indefinite period); \$2.00 additional for foreign mailing. ● Item 431-D-1 TD 4.308: En 1/973/ch.3
- 30735 Flight services handbook, Change 3. [July 3, 1973.] [133] p. il. 1 pl. 4° (7110.10 B.) [Effective Oct. 1, 1973. Cancellation date Jan. 1, 1974. Issued with perforations.] \* Paper, \$9.00 (including basic handbook and supplementary material for an indefinite period); \$2.50 additional for foreign mailing. ● Item 431-D-1 TD 4.308: F 64/973/ch.3
- 30736 Special military operations handbook, Change 2. [Apr. 24, 1973.] [76] p. il. 4° [Effective Aug. 1, 1973. Cancellation date Feb. 1, 1974. Issued with perforations.] † ● Item 431-D-1 TD 4.308: M 59/2/ch.2

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Not Available for Sale or Distribution

NOVEMBER 1978

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

NOTE.—The Bureau of Alcohol, Tobacco and Firearms was established by Treasury Department Order No. 221, effective July 1, 1972, which transferred to the Bureau the functions, powers, and duties of the Internal Revenue Service arising under laws relating to alcohol, tobacco, firearms, and explosives.

- 30737 Regulations under Federal alcohol administration act, title 27, Code of Federal regulations. 1973. 73 p. (ATF publication 1 (Rev. 7-73).)  
\* Paper, 75c. ● Item 954 T 70.6: F 31

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

NOTE.—The Animal and Plant Health Service name changed to Animal and Plant Health Inspection Service April 1972.

- 30738 Plant quarantine import requirements of foreign countries for logs and lumber from United States, Oct. 1, 1969, Change. May 21, 1973. 1 p. (353-A; Plant Protection and Quarantine Programs.) [Supersedes TM for Logs and lumber dated Mar. 17, 1971. Issued with perforations.] †  
A 101.11: F 76/ch.
- 30739 [Plant quarantine import requirements of] Greece, Nov. 16, 1972, Change. May 21, 1973. 1 p. (353-A; Plant Protection and Quarantine Programs.) [Issued with perforations.] †  
A 101.11: G 81/972/ch.-3
- 30740 Plant quarantine import requirements of Iraq. June 29, 1973. 1 p. (Plant Protection and Quarantine Programs.) [Issued with perforations. Supersedes summary dated Nov. 1, 1962.] †  
A 101.11: Ir 1
- 30741 Veterinary services biologics: Notice 17, Biological products produced in licensed establishments during fiscal year 1973. Aug. 16, 1973. 7 p. 4° †  
A 101.14: 17

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

- 30742 Appalachian Regional Commission annual report, [fiscal year] 1968. [1968.] v+153 p. il. †  
Y 3.Ap 4/2: 1/968
- 30743 Appalachian Regional Commission annual report, [fiscal year] 1969. [1969.] vi+169 p. il. †  
Y 3.Ap 4/2: 1/969
- 30744 Appalachian Regional Commission annual report, [fiscal year] 1970. [1970.] viii+159 p. il. †  
Y 3.Ap 4/2: 1/970
- 30745 Appalachian Regional Commission annual report, [fiscal year] 1971. [1971.] 160 p. il. †  
Y 3.Ap 4/2: 1/971
- 30746 Appalachian Regional Commission annual report, [fiscal year] 1972. [1972.] iii+116 p. il. oblong, 12° [Correction booklet for Table 4, p. 16, sec. 302 of app. A, 8 leaves, issued also.] †  
Y 3.Ap 4/2: 1/972
- Research reports. Y 3.Ap 4/2: 10/(nos.)
- 30747 9, app. B. Strategy for development in central Appalachia: app. B, Spatial concentration of industry in Appalachia, analysis of potential for import substitution; by Robert J. Saunders with assistance of Edmund Rollo. [1973.] [1]+xii+95 p. il. 4° [Prepared by Regional Research Institute, West Virginia University, Morgantown, W. Va.] † Paper, \$2.50.
- 30748 9, app. C. Strategy for development in central Appalachia: app. C, Capital resources in central Appalachian region; prepared by Checchi and Company, Washington, D.C. [Aug. 1969.] [3]+143+A-41 p. il. 4° † Paper, \$2.50.
- 30749 14. Recreation potential in Appalachian highlands: Market analysis [1970-85]; by URS Research Company, San Mateo, Calif. Mar. 1971. vii +237+A-9 p. 4° [Reprint of report prepared for Appalachian Regional Commission.] † Paper, \$2.50.

♠For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

Page 5

GOVERNMENT PUBLICATIONS

ARMY DEPARTMENT, Defense Dept.  
Washington, DC 20310

AMC pamphlet. (Army Materiel Command.)

- 30750 310-2. Military publications, index of AMC-sponsored DA administrative publications and DOD publications [current as of May 7, 1973]. July 1973. cover title, [21] p. 4° [Issued with perforations.] † ● Item 322-A  
D 101.22/3: 310-2
- Field manual FM (series.) † ● Item 324 D 101.20: (nos.)
- 30751 1-50. Fixed wing flight [with list of references]. July 1973. cover title, [89] p. il. 4° [Supersedes TM 1-250, May 22, 1968, including all changes; Issued with perforations.]
- 30752 55-15. Transportation reference data, Feb. 23, 1968, Change 3. Aug. 30, 1973. [1]+92 p. il. 4°
- Pamphlets. ● Item 327 (Rev. 1969) D 101.22: (nos.)
- 30753 105-2. Communications-electronics management of electromagnetic spectrum [with bibliography]. July 1973. cover title, [63] p. il. 4° [Issued with perforations.] †
- 30754 550-85. Area handbook for Libya [with bibliography]; by Richard F. Nyrop [and others]. 2d edition. 1973. xv+317 p. il. [Prepared by Foreign Area Studies, American University. Research was completed Sept. 1972. Supersedes DA Pam 550-85, Sept. 1969.] \* Cloth, \$3.60. L.C. card 72-600386
- 30755 Research in progress during calendar year 1972. [1973.] xxiii+395 p. 4° (Army Research Office, Durham, N.C.) [Research programs sponsored by Office, Chief of Research and Development, DA, Army Materiel Command, DA, Advanced Research Projects Agency, OSD, Defense Nuclear Agency, OSD.] † D 101.52/5: 972
- Technical manual TM (series).
- 30756 55-200. Railway operating and safety rules [with list of references]. Sept. 1973. cover title, 263+[3] p. (Air Force Dept. TO 45-1-5.) [Supersedes TM 55-200, Apr. 22, 1964, including all changes and DA Pamphlet 55-176, Dec. 1962.] † ● Item 329 D 101.11: 55-200/2
- 30757 Today's Army want to join you. [Aug. 1973.] cover title, [32] p. il. 4° [Text on p. 3 of cover. Illustrations are colored.] † ● Item 325  
D 101.2: Ar 5/13/973
- USAAMBDL technical reports. (Eustis Directorate, U.S. Army Air Mobility Research and Development Laboratory, Fort Eustis, Va.) †  
D 117.812: (nos.)
- 30758 72-61. Crashworthy landing gear study [with list of literature cited]; by Norman S. Phillips, Richard W. Carr and Richard S. Seranton. Apr. 1973. [1]+xvi+193+[1] p. il. 4° [Project 1F162203A529, contract DAAJ02-70-C-0055; prepared by Beta Industries, Inc. Dayton, Ohio.]
- 30759 72-72. Experimental program for development of improved helicopter structural crashworthiness analytical and design techniques [with lists of literature cited]; by G. Wittlin and M. A. Gammon. May 1973. [Task 1F162203A52902, contract DAAJ02-71-C-0066; prepared by Lockheed-California Company, Burbank, Calif.]
- v. 1. Computerized unsymmetrical mathematical simulation and experimental verification for heli copter crashworthiness in which multidirectional impact forces are present. [1]+xxi+206+[1] p. il. 4° +206+[1] p. il. 4°
- v. 2. Test data and description of unsymmetrical crash analysis computer program, including user's guide and sample case. [1]+x x+231+[2] p. 4°
- 30760 73-2. Investigation of suction system and boundary-layer characteristics on high-lift, BLC L-19 test aircraft [with list of literature cited]; by L. J. Mertaugh [and] S. Burt. May 1973. [1]+x+46+[2] p. il. 4° [Task 1F162204A14234, contract DAAJ02-67-C-0016. Prepared by Department of Aerophysics and Aerospace Engineering, Mississippi State University, State College, Miss.]
- 30761 73-6. Investigation of aircraft gas turbine combustor having low mass emissions, final report [with list of literature cited]; by D. L. Troth, A. J. Verdouw [and] F. J. Verkamp. Apr. 1973. [1]+1v+675+[2] p. il. 4° [Task 1G162207AA7102, contract DAAJ02-72-C-0005; prepared by Detroit Diesel Allison, Division of General Motors Corporations, Indianapolis, Ind.]
- 30762 73-11. Vibration effects on helicopter reliability and maintainability [with list of literature cited]; by Angelo C. Veca. Apr. 1973. xiii+127+[3] p. il. 4° [Project 1F163204DB33, contract DAAJ02-71-C-0037; prepared by Sikorsky Aircraft Division, United Aircraft Corporation, Stratford, Conn.]

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

## NOVEMBER 1973

- 30763 73-12. Hydrofluidic servoactuator development; by Holger C. Kent [and] J. Robert Sjolund. May 1973. [1]+x+47+[2] p. il. 4° [Prepared by Honeywell Inc., Government and Aeronautical Products Division, Minneapolis, Minn. under contract DAAJ02-72-C-0017.]
- 30764 Vietnam studies: Medical support of U.S. Army in Vietnam, 1965-1970; by Spurgeon Neel. 1973. xv+196 p. il. map \* Cloth, \$3.35 (S/N 0829-00088). ● Item 322-F  
L.C. card 72-600264 D 101.74: M 46/965-70

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

- 30765 Academy of Health Sciences, United States Army, Walter Reed Army Institute of Nursing, educational opportunity for students in field of nursing. [Aug. 1973.] [4] p. 4° † ● Item 351-A D 104.2: W 17/5

### ATOMIC ENERGY COMMISSION Washington, DC 20545

- AEC research and development reports. Y 3 At 7: 22/ (letters-nos.)
- 30766 ARCO-3057-12. Radioisotope powered cardiac pacemaker program, quarterly progress report, Feb. 1-Apr. 30, 1973. Aug. 1973. cover title, iv+45+22 p. il. 4° [Prepared by ARCO Nuclear Co., Leechburg, Pa. under contract AT (11-1)-3057.] Φ Paper, \$5.45.
- 30767 ARMS-73.6.1. Aerial radiological measuring system, aerial radiological measuring survey of area surrounding Shippingport Atomic Power Station, Shippingport, Pa. Feb. 1973. cover title, vi+15 p. il. 4° [Prepared by EG&G Inc. Las Vegas, Nev.] Φ Paper, \$4.00.
- 30768 CONF-720505. Radionuclide carcinogenesis, proceedings of 12th annual Hanford Biology Symposium at Richland, Wash., May 10-12, 1973 sponsored by Battelle Memorial Institute, Pacific Northwest Laboratories, and Atomic Energy Commission [with lists of references]; editors, C. L. Sanders [and others]. June 1973. viii+500 p. il. (AEC symposium series 29; Office of Information Services.) Φ Paper, \$13.60.  
L.C. card 73-600127
- 30769 CONF-730301. International Conference on Photonuclear Reactions and Applications, Mar. 26-30, 1973, Asilomar Conference Grounds, Pacific Grove, Calif., proceedings; [edited by Barry L. Berman]. 1973. [Compiled and published by Ernest O. Lawrence Livermore Laboratory, University of California, Livermore, Calif.] Φ Paper, \$27.20 per set (2 vols.) [v. 1.] cover title, xxxvi+[2]+1-714 p. il. 4° [v. 2.] cover title, iv+715-1392 p. il. 4°
- 30770 CONF-730402. Proceedings of 10th rare earth research conference, Apr. 30-May 3, 1973, Carefree, Ariz. [1973.] Φ Paper, \$27.20 per set (2 vols.)  
v. 1. Sessions A-J. cover title, xxi+1-570 p. il.  
v. 2. Sessions K-V. cover title, xxi+571-6361+637-767a+768-1187 p. il.
- 30771 COO-2173-1. First report of study to forecast nuclear power plant effects on coastal zones [with list of references]; by Chung Sung Ahn and Paul Ferris Smith. Dec. 1972. 392 p. il. 4° (UG-12.) [EG & G, Environmental Services, Waltham, Mass. Work carried out under cooperative funding by Atomic Energy Commission, Contract AT(11-1)-2173, New England Power Company, P.O. no. 121310, and Municipal Electric Power Pool, Contract letter of July 28, 1971.] \* Paper, \$3.70. ● Item 1051-C
- 30772 GU-5294. Topical report, fast reactor mixed carbide fuel element development program, high power and heat flux irradiation of uranium-plutonium carbides [with list of references; by M. H. Montgomery and others]. Apr. 1973. cover title, iv+60 p. il. 4° [Prepared by Gulf United Nuclear Fuels Corporation, Elmsford, N.Y. under contract AT (11-1)-3059.] Φ Paper, \$5.45.
- 30773 HASL-274. Health and Safety Laboratory, fallout program, quarterly summary report [Mar. 1-June 1, 1973; prepared by Edward P. Hardy, Jr.] July 1, 1973. cover title, [196] p. il. 4° Φ Paper, \$3.00.
- 30774 HASL-274 app. Health and Safety Laboratory fallout program, quarterly summary report [Mar. 1-June 1, 1973] appendix. July 1, 1973. cover title, [443] p. il. 4° Φ Paper, \$10.00.

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

●Sent to Depository Libraries

Page 7

## GOVERNMENT PUBLICATIONS

### AEC research and development reports—Continued

- 30775 SAN-857-1. Evaluation of practicability of radioisotope thermal converter for artificial heart device, phase 1 final report [with list of references; by] Ian R. Jones, Malcolm G. Ridgway, and D. R. Snoke.] Apr. 1972. cover title, 325 p. il. 4° [Prepared by TRW Systems Group, Redondo Beach, Calif.]  $\Phi$  Paper, \$7.60.
- 30776 TID-26300. Issuances of Atomic Energy Commission and Atomic Safety and Licensing Boards, July-Dec. 1972. July 1973. v+[2]+255 p. 4°  $\Phi$  Paper, \$7.60.
- 30777 WASH-1202(73). Plan for the management of AEC generated radioactive wastes. July 1973. cover title, [1]+III+48 p. il. 4° (Division of Waste Management and Transportation.) \* Paper, 80c.  $\bullet$  Item 1051-C
- 30778 WASH-1222. Evaluation of molten salt breeder reactor [with list of references]. Sept. 1972. cover title, [4]+54+5 p. il. 4° (Division of Reactor Development and Technology.) [Prepared for Federal Council on Science and Technology R&D Goals Study.] \* Paper, 85c.  $\bullet$  Item 1051-C
- 30779 WASH-1223. Evaluation of gas cooled fast reactor [with list of references]. Sept. 1972. cover title, [2]+II+46 p. il. 4° (Division of Reactor Development and Technology.) [Prepared for Federal Council on Science and Technology R&D Goals Study.] \* Paper, 75c.  $\bullet$  Item 1051-C
- 30780 WASH-1242. Nuclear fuel supply. May 1973. iv+11 p. il. 4° (Division of Production and Materials Management, Office of Assistant Director for Raw Materials.) \* Paper, 40c.  $\bullet$  Item 1051-C
- 30781 WASH-1245-1. Standard for fire protection of AEC electronic computer/data processing systems [with list of references and bibliography]; prepared by Arnold A. Weintraub [and] Thomas P. O'Connor. July 1973. [1]+III leaves+38 p. il. 4° (Division of Operational Safety.) \* Paper, 75c.  $\bullet$  Item 1051-C
- 30782 WASH-1254. Recommendations for shape of earthquake response spectra [with list of references]; prepared by John A. Blume & Associates, engineers, for Directorate of Licensing. Feb. 1973. [120] p. il. 4° (Contract AT (49-5)-3011.) \* Paper, \$3.60.  $\bullet$  Item 1051-C
- 30783 WASH-1263. At research frontier: Goals and achievements in high energy physics. June 1973. cover title, [3]+24 p. il. (Division of Physical Research.) \* Paper, 35c.  $\bullet$  Item 1051-C

### AVIATION ADVISORY COMMISSION 1016 16th Street, NW, Washington, DC 20005

NOTE.—The Aviation Advisory Commission was established pursuant to Public Law 91-258, approved May 21, 1970.

- 30784 Long range needs of aviation, report of Aviation Advisory Commission, Jan. 1973. Jan. 1973. xvi+105 p. il. 4° \* Paper, \$2.00 (S/N 5200-00003).  
 $\bullet$  Item 1089  
 L.C. card 73-601215 Y 3Av 5:1/973

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

- TD 4.210: (nos.)
- FAA AM (series).  $\Phi$  Paper, \$5.00 each
- 30785 73-1. Application of commercial aircraft accident investigation techniques to railroad derailment [with list of references; by] Gale Braden, William Reed and John J. Swearingen. Jan. 1973. [7]+33+[1] p. il. 4°
- 30786 73-3. Subtle changes in brain functions produced by single doses of mevinphos (phosdrin) [with list of references; by] Alvin M. Revzin. Feb. 1973. cover title, [3]+6+[2] p. il. 4° [Performed under Task AM-B-73-TOX-15 by FAA Civil Aeromedical Institute, Oklahoma City, Okla.]
- 30787 73-4. Transient blindness due to combined effects of mevinphos and atropine [with list of references; by] Alvin M. Revzin. Feb. 1973. cover title, [3]+3+[2] p. 4° [Performed under Task AM-B-73-TOX-15 by FAA Civil Aeromedical Institute, Oklahoma City, Okla.]
- 30788 73-6. Frequency of anti-collision observing responses by solo pilots as function of traffic density, ATC traffic warnings, and competing behavior [with list of references; by] Mark F. Lewis. Apr. 1973. cover title, [5]+4+[2] p. il. 4° [Research performed under Tasks AM-A-72-PSY-26 and AM-A-73-PSY-26 by FAA Civil Aeromedical Institute, Oklahoma City, Okla.]

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



NOVEMBER 1973

CENSUS BUREAU, Commerce Dept.  
Suitland, MD 20233

1969 census of agriculture: v.2, General reports. ([Agricultural Division.]  
● Item 152 C 56.227/3: 969/v.2/chap. (nos.)

L.C. card 72-600847

- 30789 chap. 2. Farms, number, use of land, size of farm. June 1973. iii+140 p. il. 4°  
\* Paper, \$2.10.  
30790 chap. 3. Farm management, farm operators. Aug. 1973. iii+237 p. 4° \* Paper,  
\$2.85.  
30791 chap. 4. Equipment, labor, expenditures, chemicals. July 1973. 198 p. il. 4°  
\* Paper, \$2.60.  
30792 chap. 7. Value of products, economic class, contracts. July 1973. iii+107 p. 4°  
\* Paper, \$1.25.  
30793 chap. 8. Type of farm. June 1973. iii+287 p. il. 4° \* Paper, \$3.20.  
30794 chap. 9. Irrigation and drainage on farms. July 1973. iii+105 p. il. 4° \* Paper,  
\$1.25.

1970 census of housing: Components of inventory change HC(4) (series).  
([Housing Division.]) ● Item 155

L.C. card 72-600057

C 3.224/6: 970/(nos.)

- 30795 8. Houston, Tex., standard metropolitan statistical area. [June 1973.] cover  
title, iv+74+32 p. il. 4° \* Paper, \$1.25.  
30796 15. Seattle-Everett, Wash., standard metropolitan statistical area. [June 1973.]  
cover title, iv+74+32 p. il. 4° \* Paper, \$1.25.  
30797 16. Washington, D.C.-MD.-VA., standard metropolitan statistical area. [June  
1973.] cover title, iv+74+32 p. il. 4° \* Paper, \$1.25.

1972 census of housing: Subject reports HC(7)-(series). ([Housing Divi-  
sion.])

- 30798 9. Housing of selected racial groups. June 1973. xii+132+20 p. il. 4° \* Paper,  
\$2.35. ● Item 155  
L.C. card 72-600057 C 3.224/10: 970/9

1972 census of manufactures: Special report series MC 72 (SR). (Industry  
Division.)

- 30799 6. Fuels and electric energy consumer. July 1973. iv+88+A5 p. il. 4° \* Paper,  
\$1.25. ● Item 135 C 56.244/3: 972/6

1970 census of population: v. 1, Characteristics of population. ([Popula-  
tion Division.]) [Table finding guide on lining papers.]

L.C. card 72-600036

C 3.223/9: 970/v.1/pt. (nos.)

- 30800 pt. 4. Arizona, Feb. 1973. vi+807+62 p. il. 4° \* Cloth, \$8.25. ● Item  
159-A-4  
30801 pt. 23. Massachusetts, Feb. 1973. vi+1243+62 p. il. 4° \* Cloth, \$11.00. ● Item  
159-A-23  
30802 pt. 27. Missouri, Mar. 1973. vi+1071+62 p. il. 4° \* Cloth, \$10.00. ● Item  
159-A-27  
30803 pt. 44. Tennessee, Feb. 1973. vi+1164+62 p. il. 4° \* Cloth, \$10.25. ● Item  
159-A-45  
30804 pt. 51. Wisconsin, Mar. 1973. vi+1072+62 p. il. 4° \* Cloth, \$10.00. ● Item  
159-A-52

1970 census of population: Subject reports, PC(2)-(series). ([Population  
Division.]) ● Item 159

L.C. card 72-600036

C 3.223/10: 970/v.2/nos.

- 30805 1D. Persons of Spanish surname. June 1973. vii+122+24 p. il. 4° \* Paper,  
\$2.35.  
30806 1F. American Indians. June 1973. cover title, xvi+192+24 p. il. 4° \* Paper,  
\$2.60.  
30807 1G. Japanese, Chinese, and Filipinos in United States. [July 1973.] xi+181 p.  
il. 4° \* Paper, \$2.60.  
30808 6A. Employment status and work experience. Apr. 1973. xi+421+21 p. 4°  
\* Paper, \$4.55.  
30809 6E. Veterans. June 1973. ix+199+24 p. il. 4° \* Paper, \$2.60.  
30810 7B. Industrial characteristics. June 1973. xiv+376+21 p. il. 4° \* Paper, \$3.95.

1970 census of population: Supplementary report PC(S1)-(series).

- 30811 54. Household income in 1969 for States, SMSA's, cities, and counties, 1970.  
[1973.] 57 p. 4° \* Paper, 75c. (S/N 0301-03693). ● Item 154  
C 3.223/12: 970/54

1972 census of transportation, National travel survey, TC 72-N (series).  
([Transportation Division.])

- 30812 2. Summer travel. July 1973. xii+75+A4+B4 p. il. 4° \* Paper, \$1.25. ● Item  
160-D C 56.246/2: TC 72-N 2

☛For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

Page 9

GOVERNMENT PUBLICATIONS

1972 census of transportation, Truck inventory and use survey, TC 72-T (series). ([Transportation Division.]) ● Item 160-D  
C 56.246/2: TC 72-T(nos.)

- 30813 2. Alaska. July 1973. [23] p. il. 4° \* Paper, 35c.  
30814 21. Maryland. July 1973. [23] p. il. 4° \* Paper, 35c.  
30815 37. Oklahoma. July 1973. [23] p. 4° \* Paper, 35c.

Construction reports C 40 (series). \* Paper, \$17.50 a year; (including monthly and annual issues); \$4.50 additional for foreign mailing; single copy (monthly) \$1.25; (annual) \$4.50.

- 30816 C 40-72-13. Housing authorized by building permits and public contracts, 1972. [July 1973.] cover title, [2]+390 p. il. 4° (Construction Statistics Division.) ● Item 140-A (Rev.)  
L.C. card A63-7410 C 56.211/4: C 40-72-13

- 30817 County and city data book 1972, counties, cities, metropolitan areas, urbanized areas, unincorporated places, regions, divisions, States; prepared under direction of William Lerner, chief, Statistical Compendia Staff, Data User Service Office. [1973.] 1vi+1020 p. il. 4° [Statistical abstract supplement. Also issued as H.doc. 93, 93d Cong., 1st sess.] \* Cloth, \$12.50 (S/N 0324-00121). ● Item 151  
L.C. card 52-4576 C 56.243/2: C 83/972

County business patterns, 1972, CBP (series). ([Economic Statistics and Surveys Division.]) [Prepared with assistance of Social Security Administration.] ● Item 133-A  
L.C. card 49-45747 C 56.233: (nos.)

- 30818 72-9. Delaware. [July 1973.] cover title, [2]+31 p. il. 4° \* Paper, 85c.  
30819 72-11. Florida. [July 1973.] cover title, [2]+131 p. il. 4° \* Paper, \$2.10.  
30820 72-16. Indiana. [July 1973.] cover title, [2]+145 p. il. 4° \* Paper, \$2.25.  
30821 72-19. Kentucky. [July 1973.] cover title, [2]+107 p. il. 4° \* Paper, \$1.80.  
30822 72-20. Louisiana. [July 1973.] cover title, [2]+94 p. il. 4° \* Paper, \$1.65.  
30823 72-22. Maryland. [July 1973.] cover title, [2]+77 p. il. 4° \* Paper, \$1.45.  
30824 72-24. Michigan. [July 1973.] cover title, [2]+147 p. il. 4° \* Paper, \$2.25.  
30825 72-26. Mississippi. [July 1973.] cover title, [2]+87 p. il. 4° \* Paper, \$1.55.  
30826 72-27. Missouri. [July 1973.] cover title, [2]+127 p. il. 4° \* Paper, \$2.00.  
30827 72-31. New Hampshire. [July 1973.] cover title, [2]+41 p. il. 4° \* Paper, \$1.00.  
30828 72-32. New Jersey. [July 1973.] cover title, [2]+123 p. il. 4° \* Paper, \$2.00.  
30829 72-34. New York. [July 1973.] cover title, [2]+202 p. il. 4° \* Paper, \$3.05.  
30830 72-35. North Carolina. [July 1973.] cover title, [2]+159 p. il. 4° \* Paper, \$2.40.  
30831 72-37. Ohio. [July 1973.] cover title, [2]+198 p. il. 4° \* Paper, \$2.95.  
30832 72-39. Oregon. [July 1973.] cover title, [2]+71 p. il. 4° \* Paper, \$1.35.  
30833 72-40. Pennsylvania. [July 1973.] cover title, [2]+201 p. il. 4° \* Paper, \$3.05.  
30834 72-45. Texas. [July 1973.] cover title, [2]+246 p. il. 4° \* Paper, \$3.50.  
30835 72-53. Puerto Rico, American Samoa, Guam, and Virgin Islands. [July 1973.] cover title, [4]+80 p. il. 4° \* Paper, \$1.55.

- 30836 County business patterns 1972 [publications order form]. [June 1973.] [8] p. narrow 8° ([Form BC-109.]) †  
C 56.233: 972/ann.

- 30837 Current industrial report: Air-conditioning and refrigeration equipment, 1972; [prepared in Industry Division]. Aug. 1973. [2]+12 p. 4° (Series MA 35M(72)-1.) † Paper, 25c. ● Item 142-A  
C 56.216: MA-35 M (72)-1

- 30838 — Broadwoven fabrics finished, 1972; [prepared in Industry Division]. July 1973. 5 p. 4° (Series MA-22S(72)-1.) † Paper, 25c. ● Item 142-A  
C 56.216: MA-22 S (72)-1

- 30839 — Clay construction products, summary for 1972; [prepared in Industry Division]. Aug. 1973. 7 p. il. 4° (Series M32D(72)-13.) † Paper, 15c. ● Item 142-A  
C 56.216: M 32 D (72)-13

- 30840 — Closures for containers, summary for 1972; [prepared in Industry Division]. Aug. 1973. 8 p. 4° (Series M34H(72)-13.) † Paper, 15c. ● Item 142-A  
C 56.216: M 34 H (72)-13

- 30841 — Fluorescent lamp ballasts, summary for 1972, Change sheet; [prepared in Industry Division]. Aug. 1973. 2 p. 4° (Series MQ-36C(72)-5.) † ● Item 142-A  
C 56.216: MQ-36 C (72)-5/ch.

- 30842 — Internal combustion engines, 1972; [prepared in Industry Division]. Aug. 1973. [2]+11 p. 4° (Series MA-35 L (72)-1.) † Paper, 25c. ● Item 142-A  
C 56.216: MA-35 L (72)-1

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Not Available for Sale or Distribution

NOVEMBER 1973

- 30843 — Mattresses, bedsprings, and other sleep furniture, summary for 1972; [prepared in Industry Division]. Aug. 1973. 4 p. 4° (Series M 25 E (72)-13.) † Paper, 15c. ● Item 142-A  
C 56.216 : M 25 E (72)-13
- 30844 — Nonwoven fabrics, 1972; [prepared in Industry Division]. July 1973. 3 p. 4° (Series MA-22H(72)-1.) † Paper, 25c. ● Item 142-A  
C 56.216 : MA-22 H (72)-1
- 30845 — Office computing, and accounting machines, 1972; [prepared in Industry Division]. [1973.] 8 p. 4° (Series MA-35R(72)-1.) † Paper, 15c. ● Item 142-A  
C 56.216 : MA-35 R (72)-1
- 30846 — Salad dressing, mayonnaise, and related products, 1972; [prepared in Industry Division]. July 1973. 4 p. 4° (Series MA-20F(72)-1.) [Prepared in cooperation with Bureau of Competitive Assessment and Business Policy.] † Paper, 25c. ● Item 142-A  
C 56.216 : MA-20 F (72)-1
- 30847 — Selected industrial air pollution control equipment, 1972; [prepared by Industry Division]. Aug. 1973. 5 p. 4° (Series MA-35J(72)-1.) † Paper, 25c. ● Item 142-A  
C 56.216 : MA-35 J (72)-1
- 30848 — Spun yarn production 1972; [prepared in Industry Division]. Aug. 1973. 12 p. 4° (Series MA-22F.2(72)-1.) † Paper, 25c. ● Item 142-A  
C 56.216 : MA-22 F.2 (72)-1
- 30849 — Steel mill products, 1972; [prepared in Industry Division]. Aug. 1973. [2]+27 p. 4° (Series MA-33B(72)-1.) † Paper, 25c. ● Item 142-A  
C 56.216 : MA-33 B(72)-1
- 30850 — Stocks of wool and related fibers, 1972; [prepared by Industry Division]. July 1973. 4 p. 4° (Series MA-22M(72)-1.) † Paper, 25c. ● Item 142-A  
C 56.216 : MA-22 M(72)-1
- 30851 — Woven fabrics, production stocks, and unfilled orders, 1970-72, suppl. 3; [prepared in Industry Division]. Aug. 1973. [2]+6 p. 4° (Series M22A.) † Paper, 15c. ● Item 142-A  
C 56.216 : M 22 A/supp.3
- Current population reports: Series P-23, Special studies. \* Paper, \$30.50 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$7.75 additional for foreign mailing; single copies, prices vary.
- 30852 45. Persons in engineering, scientific, and technical occupations, 1970 and 1972. July 1973. cover title, 1+28 p. 4° [Issued with perforations.] \* Paper, 55c. ● Item 142-C  
C 56.218 : P-23/45
- Current population reports: Series P-26, Federal-State cooperative program for population estimates. \* Paper, \$30.50 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$7.75 additional for foreign mailing; single copy, prices vary. ● Item 142-C  
C 56.218 : P-26/(nos.)
- 30853 45. Estimates of population of Missouri counties, July 1, 1971 and July 1, 1972. July 1973. 5 p. 4° \* Paper, 25c.
- 30854 46. Estimates of population of Florida counties, July 1, 1971 and July 1, 1972. July 1973. 4 p. 4° \* Paper, 25c.
- 30855 U.S. foreign trade: FT 455-72, Exports, world area by commodity groupings, annual 1972, world area and country, Schedule B groupings, method of transportation. [June 1973.] xiv+677 p. 4° ([Foreign Trade Division.] [Statistics revised through Dec. 1972.] \* Paper, \$6.90. ● Item 144  
L.C. card 68-62860  
C 56.210 : 455-72
- 30856 — Schedule C, Classification of country designations for United States foreign trade statistics, Jan. 1, 1972 edition, changes, effective July 1, 1973. July 1973. 1 p. 4° (Public bulletin C-3.) † ● Item 148  
C 3.150 : C/972/ch.3
- 30857 — Schedule D, Classification of U.S. customs districts and ports for U.S. foreign trade statistics, Jan. 1, 1972 edition, changes. July 1973. 1 p. 4° (Public bulletin D-3.) † ● Item 148  
C 3.150 : D 972/ch.3

☛For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

Page 11

## GOVERNMENT PUBLICATIONS

- We the Americans (series). ([Public Information Office.]) [Reports from 1970 census.] ● Item 146-H C 56.234:(nos.)
- 30858 6. We, Americans, Mexican Americans, Puerto Ricans, Cuban Americans, Americans from Central America, Americans from South America. [June 1973.] 19 p. il. 4° [Spanish and English.] \* Paper, 45c. (S/N 0324-00043).
- 30859 8. Our education. [June 1973.] 15 p. il. 4° \* Paper, 40c. (S/N 0324-00043).
- 30860 9. We the Americans, the work we do. [June 1973.] 14+[1] p. il. 4° \* Paper, 40c. (S/N 0324-00043)
- 30861 10. We the American elderly. [June 1973.] 15 p. il. 4° \* Paper, 40c.
- 30862 12. We, the first Americans. [June 1973.] 18+[1] p. il. 4° \* Paper, 45c. (S/N 0324-00043).
- 30863 15. We the American foreign born. [June 1973.] 15 p. il. 4° \* Paper, 40c. (S/N 0324-00043).

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

- 30864 Adult use of tobacco, 1970; [prepared by Program Research Branch, National Clearinghouse for Smoking and Health]. June 1973. [154] p. 4° ([DHEW publication (HSM) 73-8727.]) [Statistics in incidence of adult use of tobacco, particularly smoking of cigarettes, attitudes toward use of tobacco, and other related variables.] † ● Item 504  
HE 20.7002: T 55/970

### CENTRAL INTELLIGENCE AGENCY Washington, DC 20505

- 30865 Singapore; [colored map]. Scale 1: 345,000, 1.8 in.=10 mi. [Mar. 1973.] 8 x 16 in. [Includes illustration showing Economic activity. Issued in envelope for mailing.] \* Paper, 60c. (S/N 4115-00038). ● Item 856-A-1  
PrEx 3.10/4: Si 6

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

- 30866 Abstracts of State day care licensing requirements: pt. 1, Family day care homes and group day care homes. [1973.] [232] p. 4° (DHEW publication (OCD) 73-21.) [Joint endeavor with Office of Economic Opportunity.] \* Paper, \$2.60 (S/N 1792-00011). ● Item 454-C-1  
HE 21.2: D 33/pt.1
- 30867 Head Start services to handicapped children, 1st annual report to Congress on services provided to handicapped children in Project Head Start. Mar. 1973. [5]+18 p. il. 4° † ● Item 454-C-5  
HE 21.12: 973

### CHILD DEVELOPMENT SERVICES BUREAU, Health, Education and Welfare Dept., Washington, DC 20201

NOTE.—The names of Head Start and Child Development Bureau and Head Start Project have been changed to Child Development Services Bureau.

- 30868 Bibliography: Home-based child development program resources. Mar. 1973. [3]+27 p. 4° † ● Item 445-N-4  
HE 21.211: H 75
- 30869 Day care licensing study, summary report on phase 1, State and local day care licensing requirements; [prepared by Social and Administrative Services and Systems Association in conjunction with Consulting Services Corporation]. [1973.] [87] p. il. 4° (DHEW publication (OCD) 73-1066.) [Joint endeavor of Office of Child Development and Office of Economic Opportunity.] \* Paper, \$1.75 (S/N 1791-00186). ● Item 445-N-2  
L.C. card 73-602398  
HE 21.202: D 33

### CIVIL AERONAUTICS BOARD Washington, DC 20428

- 30870 Civil Aeronautics Board reports: v. 46, Economic and safety enforcement cases of Civil Aeronautics Board, Dec. 1966-June 1967. [1973.] xviii +1127 p. il. \* Cloth, \$6.80 (S/N 0306-0032). ● Item 179 C 31.211: 46

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

NOVEMBER 1973

30871 Local service air carriers' unit costs, v. 1, Unit costs, summary, year ended Mar. 31, 1973. [1973.] [5]+26 p. 4° [Semiannual. Issued pursuant to Rule 1109 of Rules of practice in economic proceedings.] †(Price upon application). C 31.253: 973/v.1

30872 Remarks by Secor D. Browne, Chairman, Civil Aeronautics Board, before New York Society of Security Analysts, December 19, 1972. [1972.] 5 p. 4° † C 31.215: B 81/36

CIVIL SERVICE COMMISSION  
Washington, DC 20415

30873 Amendment to announcement 411, Junior Federal assistant. Aug. 7, 1973. 1 p. 4° [Amendment effective through Nov. 15, 1973 cancels and supersedes all previous amendments.] † CS 1.26: 967/411/rev.-3/amdt.

30874 Amendment to announcement 421, Professional careers in biological and agricultural sciences. Aug. 7, 1973. [2] p. 4° [Amendment effective through Nov. 15, 1973 cancels and supersedes all previous amendments.] † CS 1.26: 969/421/amdt.-10

30875 Amendment to announcement 424, Engineering, physical sciences, and related positions. Aug. 7, 1973. [2] p. 4° [Amendment effective through Nov. 15, 1973 cancels and supersedes all previous amendments.] † CS 1.26: 970/424/rev.-2/amdt.

30876 Amendment to announcement 425, Accountants, auditors, IRS agents, GS-5 through GS-12. Aug. 7, 1973. [2] p. 4° [Amendment effective through Nov. 15, 1973 cancels and supersedes all previous amendments.] † CS 1.26: 970/425/amdt.5

30877 Executive manpower in Federal service. Mar. 1973. cover title, v+31 p. (Bureau of Executive Manpower.) † ● Item 295 CS 1.2: Ex 3/10/973

FED facts. ● Item 293-A CS 1.59: (nos.)

30878 1. On incentive awards program. [May 1973.] [6] p. il. narrow 8° \* Paper, 20c. (S/N 0600-00711).

30879 12. On displaced employee program. [June 1973.] [6] p. il. narrow 8° \* Paper, 20c. (S/N 0600-00708).

Federal personnel manual FPM supplement.

30880 512-1. Job grading system for trades and labor occupations, transmittal sheet 23. May 1973. [44] p. (Bureau of Policies and Standards.) [Transmits job grading standards for Machinist WG-3414, Machine tool operator WG-3431 Instrument maker WG-4712, and Model maker, WG-4714. Issued with perforations.] \* Paper, \$13.00 transmittals for an indefinite period; \$5.00 additional for foreign mailing. ● Item 294 CS 1.41/4: 512-1/trans.23

30881 Improving opportunities for employment of disadvantaged in State and local governments, guide for effective action. June 1973. cover title, [3] +27 p. il. oblong 8° (BIPP 152-26; Bureau of Intergovernmental Personnel Programs.) \* Paper, 75c. (S/N 0600-00717). ● Item 296-B CS 1.7/4: Ac 8

30882 Jobs as agricultural and biological technicians, biological laboratory technicians, grade GS-5 through GS-9, agricultural research technicians, grade GS-5, announcement WA-8-07. Issued July 30, 1968, Revised June 1973. [1973.] [2]+6 p. 4° † ● Item 292 CS 1.26/4: 968/WA 8-07/rev.

30883 Job grading standard for instrument maker, WG-4712. May 1973. cover title, 10 p. (Bureau of Policies and Standards.) [From Federal personnel manual, FPM supplement 512-1, TS 23. Issued with perforations.] \* Paper, 25c. (S/N 0600-00699). CS 1.41/4: 512-1/trans.23/WG-4712

30884 Job grading standard for machine tool operator, WG-3431. May 1973. cover title, 6 p. (Bureau of Policies and Standards.) [From Federal personnel manual, FPM supplement 512-1, TS 23. Issued with perforations.] \* Paper, 25c. (S/N 0600-00697). CS 1.41/4: 512-1/trans.23/WG-3431

☛For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

## GOVERNMENT PUBLICATIONS

- 30885 Job grading standard for machinist, WG-3414. May 1973. cover title, 10 p. (Bureau of Policies and Standards.) [From Federal personnel manual, FPM supplement 512-1, TS 23. Issued with perforations.] \* Paper, 25c. (S/N 0600-00696). CS 1.41/4: 512-1/trans.23/WG-3414
- 30886 Job grading standard for model maker, WG-4714. May 1973. cover title, 10 p. (Bureau of Policies and Standards.) [From Federal personnel manual, FPM supplement 512-1, TS 23. Issued with perforations.] \* Paper, 25c. (S/N 0600-00700). CS 1.41/4: 512-1/trans.23/WG-4714
- Pamphlets. ● Item 299 CS 1.48: (letters-nos.)
- 30887 BRE-48. Opportunities in Federal service for veterans. July 1973. [8] p. narrow 8° (Bureau of Recruiting and Examining.) \* Paper, 20c. (S/N 0600-00713).
- 30888 T-7. Employee training in Federal service, fiscal year 1972. [1973.] cover title, [3]+ii+107 p. il. 4° (Bureau of Training.) \* Paper, \$1.30.
- 30889 Supervisor's guide to labor relations in Federal Government. 5th edition. Aug. 1972. cover title, [1]+i+24 p. il. 4° (CST 26-9404 (8-72); RN-59; Bureau of Training, Labor Relations Training Center.) \* Paper, 65c. ● Item 296-B CS 1.7/4: L 11
- 30890 Union recognition in Federal Government, statistical report and listing by agency of exclusive recognitions and agreements under Executive order 11491, as of Nov. 1972. [1973.] 442 p. oblong 12° (Office of Labor-Management Relations.) [Includes 3 printed dividers.] \* Paper, \$4.70 (S/N 0600-00709). ● Item 295 CS 1.2: Un 3/2/972

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

#### Oceanographic report.

- 30891 56. Oceanographic of Grand Banks region of Newfoundland and Labrador Sea in 1970, Apr.-Oct. 1970 [with list of references; by] Robert Erwin Eittle [and] Thomas Wolford. June 1972. viii+280 p. il. 4° (CG 373-56; [Coast Guard Oceanographic Unit].) † ● Item 940-B TD 5.18: 56

### 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.

- 30892 Address by Secretary of Commerce, Frederick B. Dent, prepared for delivery before New York Chamber of Commerce and Industry, New York, N.Y., Aug. 9, 1973. 1973. 12 p. 4° † C 1.18: D 43-19
- 30893 Address by Under Secretary of Commerce, John K. Tabor, prepared for delivery before Oceans and National Development Conference, Seattle, Wash., July 18, 1973. [1973.] 17 p. 4° † C 1.18: T 11
- 30894 Minority business enterprise, bibliography. July 1973. [3]+iii+231 p. 4° (Public Information Division. Office of Minority Business Enterprise.) † ● Item 126-A C 1.54: M 66  
L.C. card 73-602647
- OT report. (Office of Telecommunications.)
- 30895 73-12. Analysis and representation of daily departures of foF2 from monthly median [with list of references; by] William B. Jones [and others]. June 1973. v+76+[1] p. il. 4° [Supported by U.S. Information Agency under contracts IA-14761-23 and IA-15566-23.] \* Paper, \$1.15. ● Item 126-D-3 C 1.60/3: 73-12

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

- 30896 Medical record manual for ambulatory health centers. Apr. 1972 [published 1973.] [6]+vii+341 p. il. 4° (Publication HSM 73-6206.) [Prepared by Evaluation Unit, Department of Community Health, Albert Einstein College of Medicine pursuant to contract HSM 110-70-367 with assistance from Office of Health Affairs, Office of Economic Opportunity.] † ● Item 512-E-2 HE 20.2558: Am 1

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

CONGRESS

Congressional record, proceedings and debates of 92d Congress, 2d session, v. 118. [Permanent edition.] 1972. ● Item 993  
L.C. card 12-36438

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

30897 pt. 2. Jan. 28-Feb. 2, 1972. [1] + 1241-2440 p. 4° \* Cloth, \$12.95

X.92/2 : 118/pt.2

*Congressional serial set*

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

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

House documents:

- 30898 nos. 33, 36, 41, 97, 91st Congress, 1st session, 1969, House miscellaneous documents IV [Serial 12850-4]. ● Item 995-G  
30899 no. 88, 93d Congress, 1st session, 74th Encampment, United Spanish War Veterans, 1972 [Serial 13031-6]. ● Item 995-K

*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.

- 30900 14. H.R. 5446, act to extend Solid waste disposal act, as amended, for one year. Approved Apr. 9, 1973. 1 p. \* Paper, 10c.  
30901 15. H.R. 5445, act to extend Clean air act, as amended, for 1 year. Approved Apr. 9, 1973. 1 p. \* Paper, 10c.  
30902 16. H.J. Res. 5, joint resolution requesting the President to issue proclamation designating week of April 23, 1973 as Nicolaus Copernicus Week marking quingecentennial of his birth. Approved Apr. 9, 1973. 1 p. \* Paper, 10c.  
30903 17. H.R. 3577, act to provide extension of interest equalization tax, and for other purposes. [Approved Apr. 10, 1973.] 10 p. \* Paper, 15c.  
30904 18. H.J. Res. 437, joint resolution to authorize the President to designate period beginning Apr. 15, 1973, as National Clean Water Week. Approved Apr. 14, 1973. 1 p. \* Paper, 10c.  
30905 19. S.J. Res. 73, joint resolution to authorize the President to proclaim Apr. 16, 1973, as Jim Thorpe Day. Approved Apr. 16, 1973. 1 p. \* Paper, 10c.  
30906 30. S.J. Res. 51, joint resolution to authorize and request the President to issue proclamation designating calendar week beginning May 6, 1973, as National Historic Preservation Week. Approved May 5, 1973. 1 p. \* Paper, 10c.  
30907 31. S. 1494, act to amend sec. 236 of Central Intelligence Agency retirement act of 1964 for certain employees to limit number of employees that may be retired under such act during specified periods. Approved May 8, 1973. 1 p. \* Paper, 10c.  
30908 32. S. 394, act to amend Rural electrification act of 1936, as amended, to establish rural electrification and telephone revolving fund to provide adequate funds for rural electric and telephone systems through insured and guaranteed loans at interest rates which will allow them to achieve objectives of the act, and for other purposes. [Approved May 11, 1973.] 6 p. \* Paper, 15c.  
30909 33. H.R. 3841, act to provide for striking of medals in commemoration of Roberto Walker Clemente. Approved May 14, 1973. 1 p. \* Paper, 10c.  
30910 34. S.J. Res. 93, joint resolution to provide temporary extension of authorization for the President's National Commission on Productivity. Approved May 14, 1973. 1 p. \* Paper, 10c.  
30911 35. H.J. Res. 393, joint resolution to amend education amendments of 1972 to extend authorization of National Commission on Financing of Postsecondary Education and period within which it must make its final report. Approved May 16, 1973. 1 p. \* Paper, 10c.  
30912 36. S. 1379, act to authorize further appropriations for Office of Environmental Quality, and for other purposes. Approved May 18, 1973. 1 p. \* Paper, 10c.  
30913 37. S. 721, act to authorize appropriations for Indian Claims Commission for fiscal year 1974, and for other purposes. Approved May 24, 1973. 1 p. \* Paper, 10c.  
30914 38. S.J. Res. 112, joint resolution to amend sec. 1319 of Housing and urban development act of 1968 to increase limitation on face amount of flood insurance coverage authorized to be outstanding. Approved June 5, 1973. 1 p. \* Paper, 10c.  
30915 39. H.R. 6077, act to permit immediate retirement of certain Federal employees. Approved June 12, 1973. 1 p. \* Paper, 10c.

♣For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

## GOVERNMENT PUBLICATIONS

- 30916 40. S. 1235, act to amend Public law 90-553 authorizing additional appropriation for International Center for Foreign Chanceries. Approved June 12, 1973. 1 p. \* Paper, 10c.
- 30917 41. H.J. Res. 533, joint resolution authorizing the President to proclaim June 17, 1973, as day of commemoration of opening of upper Mississippi River by Jacques Marquette and Louis Jolliet in 1673. Approved June 14, 1973. 1 p. \* Paper, 10c.
- 30918 42. H.J. Res. 296, joint resolution to authorize the President to proclaim last week of June 1973 as National Autistic Children's Week. Approved June 15, 1973. 1 p. \* Paper, 10c.
- 30919 46. H.R. 2246, act to amend Public works and economic development act of 1965 to extend authorizations for one-year period. [Approved June 18, 1973.] 2 p. \* Paper, 10c.
- 30920 47. H.R. 5610, act to amend Foreign Service buildings act, 1926, to authorize additional appropriations, and for other purposes. [Approved June 22, 1973.] 2 p. \* Paper, 10c.
- 30921 48. H.R. 4882, act to provide for immediate disposal of certain abaca and sisal cordage fiber now held in national stockpile. Approved June 22, 1973. 1 p. \* Paper, 10c.
- 30922 49. H.R. 5293, act to authorize additional appropriations to carry out Peace Corps act, and for other purposes. Approved June 25, 1973. 1 p. \* Paper, 10c.
- 30923 51. S. 1386, act to authorize appropriations for saline water program for fiscal year 1974 and for other purposes. Approved July 1, 1973. 2 p. \* Paper, 10c.
- 30924 52. H.J. Res. 636, joint resolution making continuing appropriations for fiscal year 1974, and for other purposes. [Approved July 1, 1973.] 4 p. \* Paper, 15c.
- 30925 54. S. 1201, act to amend of Oct. 15, 1966 (80 Stat. 915), as amended, establishing program for preservation of additional historic properties throughout nation, and for other purposes. Approved July 1, 1973. 1 p. \* Paper, 10c.
- 30926 55. S. 1501, act to amend Water resources planning act to provide for continuing authorization for appropriations. Approved July 1, 1973. 1 p. \* Paper, 10c.
- 30927 56. H.J. Res. 499, joint resolution providing for extension of term of Commission on Bankruptcy Laws of United States, and for other purposes. Approved July 1, 1973. 1 p. \* Paper, 10c.
- 30928 57. H.R. 5157, act to amend Service contract act of 1965 to extend its geographical coverage to contracts performed on Canton Island. Approved July 6, 1973. 1 p. \* Paper, 10c.
- 30929 58. H.R. 7357, act to amend sec. 3(e) and 5(1)(1) of Railroad retirement act of 1937 to simplify administration of act; and to amend sec. 226(e) of Social security act to extend kidney disease medicare coverage to railroad employees, their spouses, and their dependent children; and for other purposes. Approved July 6, 1973. 2 p. \* Paper, 10c.
- 30930 59. S. 1972, act to further amend United States information and educational exchange act of 1948. Approved July 6, 1973. 1 p. \* Paper, 10c.
- 30931 60. S. 1994, act to authorize appropriations to Atomic Energy Commission in accordance with sec. 261 of Atomic energy act of 1954, as amended, and for other purposes. [Approved July 6, 1973.] 3 p. \* Paper, 15c.
- 30932 61. S. 1808, act to apportion funds for national system of interstate and defense highways and to authorize funds in accordance with title 23, United States Code, for fiscal year 1974, and for other purposes. Approved July 6, 1973. 1 p. \* Paper, 10c.
- 30933 62. H.R. 5857, act to amend National Visitor Center facilities act of 1968, and for other purposes. [Approved July 6, 1973.] 2 p. \* Paper, 10c.
- 30934 63. S.J. Res. 128, joint resolution to provide for extension of certain laws relating to payment of interest on time and savings deposits. Approved July 6, 1973. 1 p. \* Paper, 10c.
- 30935 66. H.R. 7445, act to extend Renegotiation act of 1951 for one year and for other purposes. [Approved July 9, 1973.] 10 p. \* Paper, 15c.
- 30936 67. S. 1759, act authorizing further appropriations to Secretary of Interior for services necessary to nonperforming arts functions of John F. Kennedy Center for Performing Arts, and for other purposes. Approved July 10, 1973. 1 p. \* Paper, 10c.

### ATOMIC ENERGY JOINT COMMITTEE Washington, DC 20515

- 30937 Understanding national energy dilemma, prepared by Staff. 1973. iii + 21 p. 16 pl. (Joint committee print, 93d Congress, 1st session.) \* Paper, \$1.55 (S/N 5370-01947).  
L.C. card 73-602724 Y 4.At 7/2 : En 2/2

### ECONOMIC JOINT COMMITTEE Washington, DC 20510

- 30938 How well are fluctuating exchange rates working? report of Subcommittee on International Economics; Aug. 14, 1973. 1973. v + 10 p. (Joint committee print, 93d Congress, 1st session.) \* Paper, 25c. (S/N 5270-01938).  
L.C. card 73-602698 Y 4.Ec 7 : Bk 2

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



NOVEMBER 1973

Studies in public welfare, prepared for use of Subcommittee on Fiscal Policy. 1973. (Joint committee print, 93d Congress, 1st session.) [Includes list of recent publications of Subcommittee on Fiscal Policy.]  
 ● Item 1000 Y 4.Ec 7: W 45/paper (nos.)

- 30939 paper 6. Additional material for paper 6, How public welfare benefits are distributed in low-income areas; Aug. 6, 1973. vii+114 p. il. 4° \* Paper, \$1.25 (S/N 5270-01907).  
 L.C. card 73-602435
- 30940 paper 9 (pt. 1). Concepts in welfare program design [3 studies by Benjamin A. Okner, Robert H. Haveman, and Arnold H. Packer]: Aug. 20, 1973. v+128 p. il. \* Paper, 80c. (S/N 5270-01937).  
 L.C. card 73-602707

HOUSE OF REPRESENTATIVES  
 Washington, DC 20515

- 30941 Journal of House of Representatives, 92d Congress, 2d session, begun and held at city of Washington, Jan. 18, 1972-[Oct. 18, 1972]. 1973. [1]+2145 p. 4° † ● Item 1030 XJH: 92-2

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, 80th Congress.

- 30942 790. Foreign relations of United States, 1947: v. 1, General: United Nations. 1973. xxiii+1096 p. ([Publication 8674, Historical Office, Bureau of Public Affairs.]) [Errata 1 p. issued also.] \* (Available in departmental edition, Cloth, \$6.80, S 1.1:947/v.1 and sent to depositories in that form. See entry no. 31844.)

House documents, 81st Congress.

- 30943 381. Foreign relations of United States, 1948: v. 2, Germany and Austria. 1973. xxx+1575 p. ([Publication 8660, Historical Office, Bureau of Public Affairs.]) \* (Available in departmental edition, Cloth, \$8.75, S 1.1:048/v.2 and sent to depositories in that form. See Entry no. 31845.)

House documents, 92d Congress.

- 30944 376. Our flag. [1973.] [2]+iv+32+[1] p. il. 12° [Includes reproductions of 50 State flags. Most illustrations are colored.] \* Paper, 70c. (S/N 5271-00328). (To be sent to depository libraries in serial set binding)

House documents, 93d Congress.

- 30945 53. U.S. participation in UN, report by President to Congress for year, 1972. [Sept. 1973.] xi+[1] 232+[1] p. il. ([Publication 8731; Bureau of International Organization Affairs.]) \* (Available in departmental edition, \$1.75, S 1.70:108 and sent to depositories in that form. See Entry no. 31847.)
- 30946 60. Federal system of criminal justice, message from President of United States transmitting 6th in series of reports on state of the Union; Mar. 14, 1973. 1973. [1]+11 p. \* Paper, 20c. (S/N 5271-00335). ● Item 996
- 30947 70. Supplemental appropriations, fiscal year 1973, communication from President of United States transmitting proposed supplemental appropriations; Mar. 28, 1973. [1973.] 28 p. † ● Item 996
- 30948 89. Proposed supplemental appropriation to pay claims and judgments against United States, communication from President of United States transmitting proposed supplemental appropriation; Apr. 30, 1973. [1973.] 18 p. † ● Item 996
- 30949 90. Amendments in legislative and judicial branch appropriations, fiscal year 1974, communication from President of United States transmitting requests for amendments; Apr. 30, 1973. [1973.] 3 p. † ● Item 996
- 30950 91. Proposed supplemental appropriation for legislative branch, fiscal year 1973, communication from President of United States transmitting proposed supplemental appropriations; Apr. 30, 1973. [1973.] 2 p. † ● Item 996
- 30951 92. Texts of International Labor Organization recommendations 137 and 139, communication from Acting Assistant Secretary of State for Congressional Relations transmitting texts [adopted by International Labor Conference at its 55th session, Geneva, Oct. 28 and 29, 1970]; Apr. 30, 1973. 1973. ix+12 p. [Corrected print.] † ● Item 996
- 30951A 93. County and city data book 1972, counties, cities, metropolitan areas, urbanized areas, unincorporated places, regions, divisions, States; prepared under direction of William Lerner, chief, Statistical Compendia Staff, Data User Services Office. [1973.] lvi+1020 p. il. 4° [Statistical abstract supplement.] \* (Available in departmental edition, Cloth, \$12.50, C 56.243/2:C 83/92, and sent to depositories in that form. See Entry no. 30817.)

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

## GOVERNMENT PUBLICATIONS

### House documents, 93d Congress—Continued

- 30952 98. Draft of proposed legislation providing for disaster assistance, and for other purposes, message from President of United States transmitting draft; May 9, 1973. 1973. v+17 p. † ● Item 996
- 30953 101. Ediz Hook, Port Angeles, Wash., letter from chief of engineers, Army, submitting report; May 15, 1973. 1973. xix+178 p. ll. 3 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 31245.] † ● Item 996
- 30954 104. Amendments to budget, fiscal year 1974, communication from President of United States transmitting proposed amendments; May 23, 1973. [1973.] 3 p. † ● Item 996
- 30955 105. Proposed supplemental appropriation for legislative branch, fiscal year 1973, communication from President of United States transmitting proposed supplemental appropriations; May 29, 1973. [1973.] 2 p. † ● Item 996
- 30956 113. Examination of financial statements of student loan insurance fund for fiscal years 1971 and 1972, letter from Comptroller General of United States transmitting report; June 11, 1973. 1973. vi+36 p. 4° † ● Item 996
- 30957 115. Audit of Overseas Private Investment Corporation for fiscal year 1972, letter from Comptroller General transmitting report; June 14, 1973. 1973. vi+36 p. † ● Item 996
- 30958 117. Compilation of social security laws, including Social Security act, as amended and related enactments through Jan. 1, 1973. 1973. (To be sent to depository libraries in serial set binding.)  
v. 1. ix+1-680+xl p. \* Paper, \$3.45 (S/N 5271-00350).  
v. 2. ix+681-1269+xl p. \* Paper, \$3.20 (S/N 5271-00351).
- 30959 124. Proposal to consider amendments to request for appropriations, communication from President of United States transmitting proposal; July 10, 1973. [1973.] 6 p. † ● Item 996
- 30960 125. 2d supplemental appropriation act of 1973, message from President of United States returning without approval H.R. 7447; June 27, 1973. 1973. iii 33 p. † ● Item 996
- 30961 135. Texts of International Labor Organization convention 135 [and recommendation 143], communication from Assistant Secretary of State for Congressional Relations transmitting texts [adopted at 56th session of International Labor Conference, Geneva, June 23, 1971]; July 30, 1973. +33 p. † ● Item 996
- 30962 138. Program for reform of our financial system, message from President of United States transmitting program; Aug. 3, 1973. 1973. [1]+3 p. † ● Item 996

### House reports

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

House reports on public bills, 93d Congress. † House Document Room, Capitol. ● Item 1008-A

- 30963 236. Providing for consideration of H.R. 6458. Report from Committee on Rules to accompany H. Res. 415. May 30, 1973. 1 p.
- 30964 237. Providing for consideration of H.R. 7357. Report from Committee on Rules to accompany H. Res. 416. May 30, 1973. 1 p.
- 30965 238. Providing for consideration of H.R. 7724. Report from Committee on Rules to accompany H. Res. 417. May 30, 1973. 1 p.
- 30966 271. Providing for consideration of H.R. 5094. Report from Committee on Rules to accompany H. Res. 433. June 12, 1973. 1 p.
- 30967 272. Providing for consideration of H.R. 5464. Report from Committee on Rules to accompany H. Res. 434. June 12, 1973. 1 p.
- 30968 273. Providing for consideration of H.R. 7824. Report from Committee on Rules to accompany H. Res. 435. June 12, 1973. 1 p.
- 30969 274. Providing for consideration of H.R. 8152. Report from Committee on Rules to accompany H. Res. 436. June 12, 1973. 1 p.
- 30970 276. Providing for consideration of H.R. 8410. Report from Committee on Rules to accompany H. Res. 437. June 12, 1973. 1 p.
- 30971 277. Providing for consideration of H.R. 2990. Report from Committee on Rules to accompany H. Res. 438. June 12, 1973. 1 p.
- 30972 278. District of Columbia appropriation bill, 1974. Report together with additional views from Committee on Appropriations to accompany H.R. 8658. June 13, 1973. 33 p.
- 30973 279. Extension of service contract act to Canton Island. Report from Committee on Education and Labor to accompany H.R. 5157. June 14, 1973. 3 p.
- 30974 280. Authorizing appropriations for Atomic Energy Commission for fiscal year 1974. Report together with separate views by Joint Committee on Atomic Energy to accompany H.R. 8662; June 14, 1973. 1973. ii+52 p.
- 30875 281. Control of certain overseas memorials. Report from Committee on Veterans' Affairs to accompany H.R. 3733. June 14, 1973. 8 p.
- 30976 283. Authorizing the President to appoint Vice Adm. Hyman G. Rickover, U.S. Navy, Retired, to grade of Admiral on retired list. Report from Committee on Armed Services to accompany H.R. 1717. June 14, 1973. 6 p.
- 30977 285. Department of Transportation and related agencies appropriation bill, 1974. Report from Committee on Appropriations to accompany H.R. 8760. June 15, 1973. 47 p.
- 30978 287. War powers resolution of 1973. Report together with minority and supplemental views from Committee on Foreign Affairs to accompany H.J. Res. 542. June 15, 1973. 20 p.

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

## NOVEMBER 1973

- 30979 289. Exempting Delta Queen from certain vessel laws. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 5649. June 19, 1973. 9 p.
- 30980 298. Tax treatment of survivor benefit plans of unformed services. Report from Committee on Ways and Means to accompany H.R. 4200. June 20, 1973. 7 p.
- 30981 299. Federal Financing Bank act of 1973. Report from Committee on Ways and Means to accompany H.R. 5874. June 20, 1973. 10 p.
- 30982 300. Providing for increasing amount of interest paid on permanent fund of United States Soldiers' and Airmen's Home. Report from Committee on Armed Services to accompany H.R. 8528. June 20, 1973. 8 p.
- 30983 305. Departments of Labor, and Health, Education, and Welfare, and related agencies appropriation bill, 1974. Report from Committee on Appropriations to accompany H.R. 8377. June 21, 1973. 89 p.
- 30984 306. Extension of existing suspension of duty on certain Istle. Report from Committee on Ways and Means to accompany H.R. 2261. June 21, 1973. 3 p.
- 30985 307. Suspension of duties on certain forms of copper. Report from Committee on Ways and Means to accompany H.R. 2323. June 21, 1973. 5 p.
- 30986 308. Extension of existing suspension of duty on metal scrap. Report from Committee on Ways and Means to accompany H.R. 2324. June 21, 1973. 3 p.
- 30987 310. Suspension of duty on caprolactam monomer. Report from Committee on Ways and Means to accompany H.R. 6394. June 21, 1973. 3 p.
- 30988 312. Extension of existing suspension of duty on certain copying shoe lathes. Report from Committee on Ways and Means to accompany H.R. 8215. June 21, 1973. 3 p.
- 30989 327. Public works for water and power development and Atomic Energy Commission appropriation bill, 1974. Report together with supplemental views from Committee on Appropriations to accompany H.R. 8947. June 25, 1973. 81 p.
- 30990 328. Continuing appropriations, 1974. Report from Committee on Appropriations to accompany H.J. Res. 636. June 25, 1973. 3 p.
- 30991 336. Impoundment control and 1974 expenditure ceiling. Report from Committee on Rules together with minority views and separate views to accompany H.R. 8480. June 27, 1973. 23 p.
- 30992 348. Flexible GI interest rate authority in VA. Report from Committee on Veterans' Affairs to accompany H.R. 8949. June 28, 1973. 5 p.
- 30993 353. NASA authorization of appropriations for fiscal year 1974. Conference report to accompany H.R. 7528. June 28, 1973. 12 p. [Corrected print.]
- 30994 367. Department of State appropriations authorization act of 1973. Conference report to accompany H.R. 7645. July 10, 1973. 16 p.
- 30995 368. Veterans health care expansion act of 1973. Report from Committee on Veterans' Affairs to accompany H.R. 9048. July 10, 1973. 69 p.
- 30996 369. Educational and cultural postal amendments of 1973. Report together with minority views from Committee on Post Office and Civil Service to accompany H.R. 8929. July 10, 1973. 45 p.
- 30997 371. Providing for consideration of H.R. 8547. Report from Committee on Rules to accompany H. Res. 484. July 11, 1973. 1 p.
- 30998 372. Providing for consideration of H.R. 8606. Report from Committee on Rules to accompany H. Res. 485. July 11, 1973. 1 p.
- 30999 389. Amending International economic policy act of 1972. Conference report to accompany S. 1636. July 23, 1973. 4 p. [Corrected print.]
- 31000 414. Amending sec. 28 of Mineral leasing act of 1920 and authorizing trans-Alaska oil and gas pipeline, and for other purposes. Report together with dissenting, separate and additional views from Committee on Interior and Insular Affairs to accompany H.R. 9130. July 28, 1973. 87 p. [Corrected print.]
- 31001 415. Amendments to Rail passenger service act of 1970. Report by Committee on Interstate and Foreign Commerce to accompany H.R. 8351: July 30, 1973. lii+36 p.
- 31002 416. Making appropriations for District of Columbia government for fiscal year ending June 30, 1974. Conference report to accompany H.R. 8658. July 30, 1973. 9 p.
- 31003 418. Flexible interest rates. Conference report to accompany H.R. 6370. July 31, 1973. 12 p.
- 31004 426. Department of Transportation and related agencies appropriations, 1974. Conference report to accompany H.R. 8760. July 31, 1973. 11 p. [Corrected print.]
- 31005 427. Agriculture and consumer protection act of 1973. Conference report to accompany S. 1888. July 31, 1973. 45 p.
- 31006 428. Amending Small business act. Conference report to accompany S. 1672. Aug. 1, 1973. 6 p.

### *Agriculture Committee, House* Washington, DC 20515

[Committee publication] serial, 93d Congress.

- 31007 M. Amend tobacco marketing quota provisions, hearing before Subcommittee on Tobacco, 93d Congress, 1st session, on H.R. 6485 and H.R. 6799. Apr. 12, 1973. 1973. iii-79 p. † ● Item 1010  
L.C. card 73-602701 Y 4.Ag 8/1: T 55/38

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

Page 19

GOVERNMENT PUBLICATIONS

*Appropriations Committee, House*  
Washington, DC 20515

- 31008 Department of Defense appropriations for 1974, hearings before subcommittee, 93d Congress, 1st session. † ● Item 1011  
Y 4.Ap 6/1 : D 36/5/974/pt. (nos.)
- pt. 1. Secretary of Defense, Chairman, Joint Chiefs of Staff, Secretary of Army and Chief of Staff, Reprogrammings, fiscal year 1973. 1973. ii+793+viil p. ii.
- pt. 2. Secretary of Air Force and Chief of Staff, Secretary of Navy and Chief of Naval Operations, financial overview of fy 1974 budget. 1973. ii+803+ix p. ii.
- 31009 Departments of Labor and Health, Education, and Welfare appropriations for 1974, hearings before Subcommittee on Departments of Labor and Health, Education, and Welfare Appropriations, 93d Congress, 1st session.  
L.C. card 73-601752 Y 4.Ap 6/1 : L 11/974/pt.5
- pt. 5. Department of Health, Education, and Welfare: Special Institutions, Social and Rehabilitation Service, Social Security Administration, Office of Child Development, Office of Secretary 1973. ii+1087+x p. † ● Item 1011
- 31010 Disposition of real property assets at Aberdeen Proving Ground and Edgewood Arsenal, Md., Contractor bidding procedures, hearings before subcommittee, 92d Congress, 2d session [Sept. 27–Oct. 3, 1972]. 1973. ii+103+1 p. † ● Item 1011  
L.C. card 73-602648 Y 4.Ap 6/1 : R 22
- 31011 HUD-space-science-veterans appropriations for 1974, hearings before Subcommittee on HUD-Space-Science-Veterans, 93d Congress, 1st session.  
Y 4.Ap 6/1 : H 81/2/974/pt.4
- pt. 4. Federal Home Loan Bank Board, Securities and Exchange Commission, testimony of Members of Congress and interested individuals and organizations. 1973. ii+664+iv p. ii. † ● Item 1011
- 31012 Treasury, postal service, and general government appropriations for fiscal year 1974, hearings before subcommittee, 93d Congress, 1st session. 1973.  
† ● Item 1011 Y 4.Ap 6/1 : T 71/974/pt. (nos.)
- L.C. card 73-602549
- pt. 1. Department of Treasury, testimony of Members of Congress and other interested individuals and organizations. ii+979+ix p. ii.
- pt. 3. Executive Office of the President. ii+714+v p.

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

- 31013 Increasing outstanding loan ceiling of Small Business Administration, hearing before Subcommittee on Small Business, 93d Congress, 1st session, on H.R. 4272, H.R. 5427 and H.R. 8470, and S. 1672, June 5, 1973. 1973. iii+75 p. † ● Item 1013  
L.C. card 73-602204 Y 4.B 22/1 : Sm 1/15/973
- 31014 Oversight hearings on HUD new communities program, hearings before Subcommittee on Housing, 93d Congress, 1st session, May 30–31, 1973. 1973. iv+236 p. † ● Item 1013 Y 4.B 22/1 : H 81/57
- 31015 Tax-exempt foundations and charitable trusts, their impact on our economy, 8th installment, staff report for Subcommittee on Domestic Finance, 92d Congress, 2d session; Aug. 1972. 1972. v+167 p. oblong 8" (Committee print.) \* Paper, \$1.50.  
L.C. card 72-603277 Y 4.B 22/1 : T 19/10/8th inst.

*Committees, Select Committee on, House*  
Washington, DC 20515

NOTE.—The Select Committee on Committees was established by H. Res. 132, 93d Congress, 1st session.

- 31016 Committee organization in House, hearings, 93d Congress, 1st session, May 2–June 8, 1973.  
v. 1, pt. 2. May 23–June 8, 1973, (v. 1 of 3, pt. 2 of 2). 1973. iv+341-663 p. † ● Item 1009 Y 4.C 73/6 : Or 3/v.1/pt.2

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

## NOVEMBER 1973

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

- 31017 Comprehensive youth opportunities act of 1973, hearing before Subcommittee on Equal Opportunities, 93d Congress, 1st session, on H.R. 7807, May 17, 1973. 1973. iii+47 p. † ● Item 1015  
L.C. card 73-602597 Y 4.Ed 8/1 : Y 8/8
- 31018 Extension of NLRA to nonprofit hospital employees, hearings before Special Subcommittee on Labor, 93d Congress, 1st session on H.R. 1236, Apr. 12 and 19, 1973. 1973. iv+182 p. † ● Item 1015  
L.C. card 73-602608 Y 4.Ed 8/1 : N 21/7
- 31019 To amend National school lunch act, hearing before General Subcommittee on Education, 93d Congress, 1st session on H.R. 4278, Feb. 26, 1973. 1973. iii+44 p. † ● Item 1015  
L.C. card 73-602209 Y 4.Ed 8/1 : N 21s/2/973
- 31020 Welfare and pension plan legislation, hearings before General Subcommittee on Labor, 93d Congress, 1st session, on H.R. 2 and H.R. 462, Feb. 20-Mar. 20, 1973. 1973. vii+826 p. il. † ● Item 1015  
L.C. card 73-602592 Y 4.Ed 8/1 : W 45/10/973

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

- 31021 Drought crisis in African Sahel, hearing before Subcommittee on Africa, 93d Congress, 1st session, July 16, 1973. 1973. iv+224 p. il. † ● Item 1017  
L.C. card 73-602594 Y 4.F 76/1 : Af 8/14
- 31022 Mutual development and cooperation act of 1973, hearings, 93d Congress, 1st session, May 15-June 13, 1973. 1973. vi+670 p. il. † ● Item 1017  
L.C. card 73-602651 Y 4.F 76/1 : M 98/19

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

- 31023 Federal information systems and plans, Federal use and development of advanced information technology, hearings, before subcommittee, 93d Congress, 1st session.  
L.C. card 73-602605 Y 4.G 74/7 : In 3/15/pt.1  
pt. 1. Apr. 10 and 17, 1973. 1973. iii+217 p. il. \* Paper, \$1.85 (S/N 5270-01934). ● Item 1016
- 31024 Federal real and personal property, inventory report as of June 30, 1972 (employing revised format), 93d Congress, 1st session; Aug. 1973. 1973. xi+380 p. (Committee print.) \* Paper, \$2.60 (S/N 5270-01942).  
Y 4.G 74/7 : P 94/972

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

[Committee publications] serial, 93d Congress. † ● Item 1023

- Y 4.In 8/14 : 93-(nos.)
- 31025 11. Regulation of surface mining, pt. 2, hearings before Subcommittee on Environment and Subcommittee on Mines and Mining, 93d Congress, 1st session on H.R. 3 and related bills, Apr. 9-May 15, 1973. 1973. xiii+865-1700 p.
- 31026 12. Oil and natural gas pipeline rights-of-way, hearings before Subcommittee on Public Lands, 93d Congress, 1st session, on H.R. 9130.  
L.C. card 73-602699  
pt. 2. May 17-June 7, 1973. 1973. vii+579-1180 p. il. \* Paper, \$3.45 (S/N 5270-01932).  
pt. 3. June 15 and 18, 1973. 1973. vii+1181-1740 p. il. 28 maps in pocket. \* Paper, \$5.95 (S/N 5270-01933).
- 31027 24. Vacancies in legislature of Virgin Islands, hearings before Subcommittee on Territorial and Insular Affairs, 93d Congress, 1st session, on H.R. 7699, July 10, 1973. 1973. iii+14 p.  
L.C. card 73-602702

♠For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

## GOVERNMENT PUBLICATIONS

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

- [Committee publications] serial, 93d Congress. † ● Item 1019  
Y 4.In 8/4: 93-(nos.)
- 31028 20. Public Health Service hospitals, oversight, hearing before Subcommittee on Public Health and Environment, 93d Congress, 1st session, May 30, 1973. 1973. iii+25 p.  
L.C. card 73-602474
- 31029 21. Clean air act extension, hearing before Subcommittee on Public Health and Environment, 93d Congress, 1st session, on H.R. 4291, H.R. 4673, and S. 493, Feb. 28, 1973. 1973. iii+87 p. ll.  
L.C. card 73-602467
- 31030 24. Public broadcasting, 1973, hearings before Subcommittee on Communications and Power, 93d Congress, 1st session, on H.R. 4560, H.R. 6872, H.R. 8538, and S. 1080, June 11-13, 1973. 1973. v+212 p.  
L.C. card 73-602591
- 31031 26. Health maintenance organizations, 1973, hearings before Subcommittee on Public Health and Environment, 93d Congress, 1st session on H.R. 51 and H.R. 4871, Mar. 6-7, 1973. 1973. v+368 p. ll.  
L.C. card 73-602663
- 31032 27. Regional medical programs, overweight, hearing before Subcommittee on Public Health and Environment, 93d Congress, 1st session, May 8, 1973. 1973. iv+249 p. ll.  
L.C. card 73-602656

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

- [Committee publication] serial, 93d Congress.
- 31033 10. Public Health Service hospitals, hearings, 93d Congress, 1st session, on administration's proposal to dismantle major portion of Public Health Service hospital system, Apr. 16-May 15, 1973. 1973. v+297 p. ll. † ● Item 1021  
L.C. card 72-602739 Y 4.M 53: 93-10

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

- [Committee publication] serial, 93d Congress. † ● Item 1022  
Y 4.P 84/10: 93-(nos.)
- 31034 9. Amend Federal salary act of 1967 relating to Executive, Legislative, and Judicial Salary Commission, hearing, 93d Congress, 1st session, on S. 1989, July 17, 1973. 1973. iii+55 p.  
L.C. card 73-602473
- 31035 10. Employees of Selective Service System, hearing before Subcommittee on Manpower and Civil Service, 93d Congress, 1st session, on H.R. 6334, June 26, 1973. 1973. vi+24 p.  
L.C. card 73-602501
- 31036 11. Annuity increases for certain retirees and reduced rate of employee deductions, hearings before Subcommittee on Retirement, Insurance, and Health Benefits, 93d Congress, 1st session, on H.R. 1262 [and] H.R. 8817, Apr. 11, June 23, 1973. 1973. iii+34 p.  
L.C. card 73-602469
- 31037 12. Increase in Government's contribution under Federal employees health benefits program, hearing before Subcommittee on Retirement and Employee Benefits, 93d Congress, 1st session, on H.R. 3025, July 10, 1973. 1973. iii+50 p.  
L.C. card 73-602703
- 31038 15. Increase annuities for Federal law enforcement and firefighting personnel, hearings before Subcommittee on Retirement and Employee Benefits, 93d Congress, 1st session on H.R. 2654, May 29 [and] 30, 1973. 1973. iii+84 p. ll.
- 31039 19. 1974 census of agriculture, hearings before Subcommittee on Census and Statistics, 93d Congress, 1st session on H.J. Res. 580 and related bills, June 27-July 11, 1973. 1973. iv+167 p.  
L.C. card 73-602672

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

- [Committee publication] serial, 93d Congress.
- 31040 9. Additional seating, Robert F. Kennedy Stadium, Washington, D.C., lease prospectus for Veterans Administration regional office and General Services Administration regional office, San Francisco, Calif., International center for foreign chanceries, National Visitor Center facilities act amendments, hearing before Subcommittee on Public Buildings and Grounds, 93d Congress, 1st session, Apr. 12, 1973. 1973. vi+59 p. † ● Item 1024  
L.C. card 72-602206 Y 4.P 96/11: 93-9

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

## NOVEMBER 1973

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

[Paper], 93d Congress.

- 31041 4. Testimony from Skylab astronauts, see Aeronautical and Space Sciences Committee, Senate.

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

- 31042 Trade reform, hearings, 93d Congress, 1st session, on H.R. 6767, May 9-June 15, 1973. 1973. • Item 1028  
L.C. card 73-602382 Y 4.W 36: T 67/27/pt. (nos.)
- pt. 2. May 10-11, 1973. xxv+341-605 p. ll. \* Paper, \$2.10 (S/N 5270-01909).  
pt. 3. May 14, 15, 1973. xxv+607-1091 p. ll. \* Paper, \$2.95 (S/N 5270-01910).  
pt. 5. May 18, 1973. xxv+1373-1680 p. \* Paper, \$2.10 (S/N 5710-01912).  
pt. 10. May 30, 1973. xxv+3111-3314 p. ll. \* Paper, \$1.85 (S/N 5270-01917).  
pt. 11. May 31-June 1, 1973. xxv+3315-3612b+3613-3750 p. ll. \* Paper, \$2.60 (S/N 5270-01918).  
pt. 12. June 6, 7, 1973. xxv+3751-4160 p. ll. \* Paper, \$2.60 (S/N 5270-01919).  
pt. 13. June 8, 11, 1973. xxv+4161-4697 p. ll. \* Paper, \$2.95 (S/N 5270-01920).  
pt. 14. June 12-15, 1973. xxv+4699-5169 p. ll. \* Paper, \$2.60 (S/N 5270-01921).  
pt. 15. Summary of testimony. xxv+5171-5316B+5317 p. \* Paper, \$1.50 S/N 5270-01922).

### REDUCTION OF FEDERAL EXPENDITURES JOINT COMMITTEE Washington, DC 20510

- 31043 1974 budget scorekeeping report (staff report no. 5) showing status of 1974 fiscal year Federal budget, cumulative to July 28, 1973 with scorekeeping highlights on page 1. 1973. iii+38 p. 4° (Joint Committee print, 93d Congress, 1st session.) ‡ Y 4.R 24/4: B 85/2/974/no.5
- 31044 1974 budget scorekeeping report (staff report no. 6) showing status of 1974 fiscal year Federal budget, cumulative through Aug. 3, 1973 with scorekeeping highlights. 1973. iv+39 p. 4° (Joint committee print, 93d Congress, 1st session.) ‡ Y 4.R 24/4: B 85/2/974/no.6

### SENATE Washington, DC 20510

#### Senate executive documents

Senate executive documents, 93d Congress, 1st session. ‡

Y 1.93/1: (letters)

- 31045 I. Six amendments to convention for safety of life at sea, 1960, message from President of United States transmitting amendments, adopted at London, Oct. 12, 1971, by Assembly of Inter-governmental Maritime Consultative Organization (IMCO); May 9, 1973. 1973. [1]+11 p.
- 31046 J. Agreement with Canada for promotion of safety on Great Lakes by means of radio, 1973, message from President of United States transmitting agreement, signed, Ottawa, Feb. 28, 1973; May 14, 1973. 1973. vi+13 p.
- 31047 O. International coffee agreement 1968 as extended, message from the President transmitting international coffee agreement 1968 as extended, which was adopted by International Coffee Council in its resolution no. 264 of Apr. 14, 1973; July 23, 1973. 1973. vii+27 p.
- 31048 P. Customs convention on international transit of goods, message from President transmitting customs convention on international transit of goods (ITI convention) opened for signature at Vienna June 7, 1971; July 23, 1973. 1973. v+27 p.

#### Senate executive reports

Senate executive reports, 93d Congress, 1st session. ‡ Y 1.93/1: rp. (nos.)

- 31049 11. Amendments to international convention on load lines, 1966. Report from Committee on Foreign Relations to accompany Ex. D, 93-1. Aug. 1, 1973. 2 p.
- 31050 12. Six amendments to convention for safety of life at sea, 1960. Report from Committee on Foreign Relations to accompany Ex. I, 93-1. Aug. 1, 1973. 8 p.
- 31051 13. Convention on prevention of marine pollution. Report from Committee on Foreign Relations to accompany Ex. C, 93-1. Aug. 1, 1973. 5 p.
- 31052 14. Convention on endangered species. Report from Committee on Foreign Relations to accompany Ex. H, 93-1. Aug. 1, 1973. 4 p.

‡For Sale by National Technical Information Service,  
Springfield, VA 22151

•Sent to Depository Libraries

Page 23

# GOVERNMENT PUBLICATIONS

## *Senate documents*

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

### Senate documents, 93d Congress.

- 31053 15. Proposed supplemental appropriations for fiscal year 1973. May 11, 1973. 9 p. † ● Item 996
- 31054 16. Office of Management and Budget, veto message, message from President of United States returning without approval bill S. 518. May 21, 1973. [1] +4 p. † ● Item 996
- 31055 22. Budget amendment for fiscal year 1974 requested by National Commission on Water Quality. July 9, 1973. 2 p. † ● Item 996
- 31056 23. Proposed supplemental appropriations for Department of Commerce and Department of Agriculture. July 9, 1973. 3 p. † ● Item 996
- 31057 24. Supplemental appropriation Commission on Organization of Government for Conduct of Foreign Policy. July 9, 1973. 2 p. † ● Item 996
- 31058 27. Budget amendments, 1974, legislative branch. July 26, 1973. 5 p. † ● Item 996 93-1; S.doc.
- 31059 28. Budget amendments, 1974, Department of Interior. July 26, 1973. 2 p. † ● Item 996
- 31060 30. Budget amendments, 1974, Department of Commerce, communication from the President. Aug. 1, 1973. 3 p. † ● Item 996
- 31061 31. Emergency medical services systems act of 1973, veto message, message from President returning without approval bill S. 504; Aug. 1, 1973. 1973. iii +12 p. † ● Item 996
- 31062 33. Semiannual report of Architect of Capitol, Jan. 1-June 30, 1973, pursuant to sec. 105(b), Public law 454, 88th Congress; Aug. 27, 1973. 1973. iii +175 p. † ● Item 996

## *Senate reports*

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

Senate reports on public bills, 93d Congress. † Senate Documents Room, Capitol. (No. 383 is sold by the Superintendent of Documents.) ● Item 1008-A

- 31063 191. Runaway youth act. Report from Committee on Judiciary together with additional views to accompany S. 645. June 4, 1973. 12 p.
- 31064 203. Providing for immediate disposal of certain abaca and sisal cordage fiber now held in national stockpile. Report from Committee on Armed Services to accompany H.R. 4682. June 11, 1973. 6 p.
- 31065 210. Authorizing printing as House document of eulogies and encomiums to late President of United States, Harry S. Truman. Report from Committee on Rules and Administration to accompany H. Con. Res. 110. June 13, 1973. 1 p.
- 31066 213. Authorizing printing of revised edition of The Capitol as House document. Report from Committee on Rules and Administration to accompany H. Con. Res. 132. June 13, 1973. 1 p.
- 31067 215. Amendments to Railroad retirement act. Report from Committee on Labor and Public Welfare to accompany H.R. 7357. June 13, 1973. 13 p.
- 31068 218. Amending International economic policy act of 1972. Report from Committee on Finance to accompany S. 1636. June 14, 1973. 2 p.
- 31069 219. Providing for District of Columbia elected mayor and city council, and for other purposes. Report from Committee on District of Columbia to accompany S. 1435. June 14, 1973. 28 p.
- 31070 220. War powers. Report together with supplemental views from Committee on Foreign Relations to accompany S. 440. June 14, 1973. 38 p.
- 31071 221. Railroad retirement temporary benefit increase extension and Interstate Commerce Commission rate increase procedures revisions. Report from Committee on Commerce to accompany H.R. 7200. June 14, 1973. 9 p.
- 31072 222. Authorizing appropriations for saline water program for fiscal year 1974, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany S. 1386. June 15, 1973. 23 p.
- 31073 223. Authorizing replacement of existing American Falls Dam. Report from Committee on Interior and Insular Affairs to accompany S. 1529. June 15, 1973. 16 p.
- 31074 227. Arkansas River basin compact, Arkansas-Oklahoma. Report from Committee on Judiciary to accompany S. 11. June 19, 1973. 6 p.
- 31075 228. Amending National Visitor Center facilities act of 1968. Report from Committee on Public Works to accompany H.R. 5857. June 19, 1973. 10 p.
- 31076 234. Amending sec. 8 of Public buildings act of 1959. Report from Committee on District of Columbia to accompany H.R. 6330. June 20, 1973. 3 p.
- 31077 238. Education of handicapped amendments of 1973. Report from Committee on Labor and Public Welfare to accompany S. 896. June 21, 1973. 35 p.
- 31078 241. Nonperforming functions of John F. Kennedy Center for Performing Arts. Report from Committee on Public Works together with minority views to accompany S. 1759. June 25, 1973. 13 p.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Not Available for Sale or Distribution



## NOVEMBER 1973

- 31079 246. Temporary extension of certain housing and urban development laws and authorities, report of Committee on Banking, Housing and Urban Affairs to accompany H.J. Res. 512, together with individual views, June 25, 1973. 1973. III+12 p.
- 31080 254. Toxic substances control act of 1973. Report of Senate Committee on Commerce together with additional views on S. 426; June 26, 1973. 1973. III+64 p.
- 31081 257. West coast corridor feasibility study act of 1973. Report from Committee on Commerce to accompany S. 1328. June 27, 1973. 7 p.
- 31082 299. Research on aging act, 1973. Report from Committee on Labor and Public Welfare to accompany S. 775. June 30, 1973. 12 p.
- 31083 310. Federal elections campaign act of 1973, report of Senate Committee on Rules and Administration (together with individual and additional views) on S. 372, July 11, 1973. 1973. III+48 p.
- 31084 312. Federal outdoor recreation user fees. Report from Committee on Interior and Insular Affairs to accompany H.R. 6717. July 11, 1973. 4 p.
- 31085 329. Wool products labeling act amendments. Report from Committee on Commerce to accompany S. 1816. July 19, 1973. 5 p.
- 31086 330. Authorizing supplemental expenditures by Committee on Government Operations for inquiry and investigation relating to Government procurement practices. Report from Committee on Rules and Administration to accompany S. Res. 131. July 19, 1973. 6 p.
- 31087 331. Authorizing printing of inaugural addresses from President George Washington to President Richard M. Nixon as House document. Report from Committee on Rules and Administration to accompany H. Con. Res. 185. July 19, 1973. 1 p.
- 31088 332. Authorizing printing of additional copies of House report 92-1637, entitled Federal civilian employee loyalty program. Report from Committee on Rules and Administration to accompany H. Con. Res. 219. July 19, 1973. 1 p.
- 31089 333. Authorizing printing of additional copies of House hearings on various bills to establish National Institute of Education. Report from Committee on Rules and Administration to accompany H. Con. Res. 233. July 19, 1973. 1 p.
- 31090 334. Authorizing printing of revised edition of House document entitled Our American Government, what is it, how does it work? as House document. Report from Committee on Rules and Administration to accompany H. Con. Res. 256. July 19, 1973. 1 p.
- 31091 335. Authorizing printing of additional copies of House report entitled Street crime, reduction through positive criminal justice responses. Report from Committee on Rules and Administration to accompany H. Con. Res. 257. July 19, 1973. 1 p.
- 31092 337. Forest Service personnel level. Report from Committee on Agriculture and Forestry to accompany S.J. Res. 134. July 19, 1973. 5 p.
- 31093 341. Amendment to sec. 5 of EURATOM cooperation act of 1958, as amended, report by Joint Committee on Atomic Energy to accompany S. 1993; July 24, 1973. 1973. II+13 p.
- 31094 345. Hobby protection act. Report from Committee on Commerce to accompany S. 1880. July 25, 1973. 5 p.
- 31095 347. TV blackout, professional sports. Report from Committee on Commerce to accompany S. 1841. July 26, 1973. 10 p. [Corrected print.]
- 31096 348. Indian financing act of 1973. Report from Committee on Interior and Insular Affairs to accompany S. 1341. July 26, 1973. 26 p.
- 31097 350. Providing for appointment of alternates for Governors of International Monetary Fund and of International Bank for Reconstruction and Development. Report from Committee on Foreign Relations to accompany S. 1887. July 26, 1973. 3 p.
- 31098 351. Survivor annuities of civil service retirees. Report from Committee on Post Office and Civil Service to accompany S. 628. July 27, 1973. 4 p.
- 31099 352. National Guard technicians' retirement. Report from Committee on Post Office and Civil Service to accompany S. 871. July 27, 1973. 6 p.
- 31100 353. Civil service retirement annuities. Report from Committee on Post Office and Civil Service to accompany S. 1866. July 27, 1973. 7 p.
- 31101 354. Opium stockpile disposal bill. Report from Committee on Armed Services to accompany S. 2166. July 27, 1973. 3 p.
- 31102 355. Federal-aid highway act of 1973. Conference report to accompany S. 502. July 27, 1973. 104 p.
- 31103 356. Radio Free Europe and Radio Liberty. Report together with supplemental views from Committee on Foreign Relations to accompany S. 1914. July 27, 1973. 9 p.
- 31104 357. 23d annual report of Select Committee on Small Business, Senate, for 92d Congress, 2d session; July 27, 1973. 1973. IV+410 p. II. † (To be sent to depository libraries in Serial set binding.)
- 31105 358. Fair labor standards amendments of 1973. Conference report to accompany H.R. 7935. July 28, 1973. 35 p.
- 31106 359. Securities processing act of 1973. Report of Committee on Banking, Housing and Urban Affairs to accompany S. 2058; July 30, 1973. [2]+22 p.
- 31107 361. Emergency commuter relief act. Report together with additional and supplemental views from Committee on Banking, Housing, and Urban Affairs to accompany S. 386. July 31, 1973. 9 p.
- 31108 363. Amending Small business act. Conference report to accompany S. 1672. Aug. 1, 1973. 6 p.

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

●Sent to Depository Libraries

## GOVERNMENT PUBLICATIONS

### Senate reports on public bills, 93d Congress.—Continued

- 31109 367. Authorizing additional expenditures by Committee on Finance for routine purposes. Report from Committee on Rules and Administration to accompany S. Res. 148. Aug. 1, 1973. 2 p.
- 31110 368. Authorizing printing of compilation entitled Majority and minority leaders of Senate as Senate document. Report from Committee on Rules and Administration to accompany S. Res. 151. Aug. 1, 1973. 1 p.
- 31111 370. District of Columbia insurance act. Report from Committee on District of Columbia to accompany H.R. 4083. Aug. 1, 1973. 11 p.
- 31112 372. Authorizing certain programs and activities of Government of District of Columbia, and for other purposes. Report from Committee on District of Columbia to accompany H.R. 8250. Aug. 1, 1973. 13 p.
- 31113 373. Liberalization of disability and death pensions for veterans and survivors. Report of Committee on Veterans' Affairs to accompany S. 275. Aug. 1, 1973. ii+40 p.
- 31114 375. Exempting steamboat Delta Queen from certain vessel laws. Report from Committee on Commerce to accompany S. 1625. Aug. 2, 1973. 5 p.
- 31115 376. Exempting steamboat Delta Queen from certain vessel laws. Report from Committee on Commerce to accompany H.R. 5649. Aug. 2, 1973. 1 p.
- 31116 377. Foreign assistance act of 1973. Report of Committee on Foreign Relations together with additional views on S. 2335, Aug. 2, 1973. 1973. iii+66 p.
- 31117 378. Treasury, Postal Service, and general Government appropriation bill, 1974. Report from Committee on Appropriations to accompany H.R. 9590. Aug. 3, 1973. 45 p.
- 31118 379. Designating New Hope Dam and Lake, N.C., as B. Everett Jordan Dam and Lake. Report from Committee on Public Works to accompany S. 2282. Aug. 3, 1973. 2 p.
- 31119 382. National no-fault motor vehicle insurance act, report of Senate Committee on Commerce on S. 354, together with minority and separate views, Aug. 15, 1973. 1973. iii+133 p.
- 31120 383. Private pension plan reform. Report together with additional and supplemental views of Committee on Finance on S. 1179; Aug. 21, 1973. 1973. vii+157 p. \* Paper, \$1.25.

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

- 31121 Testimony from Skylab astronauts, joint hearing before Committee on Aeronautical and Space Sciences and Committee on Science and Astronautics, House, [paper] 4, 93d Congress, 1st session, July 17, 1973. 1973. ii+17 p. † ● Item 1032-A & 1025-A  
L.C. card 73-602740 Y 4Ae 8: Sk 9/2

### *Aging, Special Committee on, Senate* Washington, DC 20510

- 31122 Barriers to health care for older Americans, hearings before Subcommittee on Health of the Elderly, 93d Congress, 1st session. Y 4Ag 4: H 34/14/pt.1  
pt. 1. Mar. 5, 1973. 1973. iii+122 p. \* Paper, 75c. (S/N 5270-01927). ● Item 1009  
L.C. card 73-602498

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

- 31123 Tobacco marketing quotas, hearings before Subcommittee on Agricultural Production, Marketing and Stabilization of Prices, 93d Congress, 1st session on H.R. 6485 and S. 1533, Apr. 13, 1973. 1973. iii+57 p. †  
● Item 1032  
L.C. card 73-602335 Y 4Ag 8/2: T55/11

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

- 31124 Department of Housing and Urban Development, space, science, veterans, and certain other independent agencies appropriations for fiscal year 1974, hearings before subcommittee, 93d Congress, 1st session. Y 4Ap 6/2: H 81/2/974/pt.1  
pt. 1. National Aeronautics and Space Administration, Veterans' Administration; [with lists of references]. 1973. ii+908+xxviii p. ii. † ● Item 1033

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

## NOVEMBER 1978

- 31125 Department of Housing and Urban Development, space, science, veterans, and certain other independent agencies appropriations, fiscal year 1974, hearings before subcommittee, 93d Congress, 1st session, on H.R. 8825, Space shuttle and alternate programs, GAO analysis of cost estimates. 1973. ii+28+i p. † ● Item 1033 Y 4.Ap 6/2: H 81/2/974-2
- 31126 Department of Interior and related agencies appropriations for fiscal year 1974, hearings before subcommittee, 93d Congress, 1st session on H.R. 8917. 1973. † ● Item 1033 Y 4.Ap 6/2: In 8/974/pt. (nos.)
- pt. 1. Department of Interior, Bureau of Land Management, Bureau of Mines, Geological Survey, Secretary of Interior, Commission of Fine Arts, Indian Claims Commission, National Capital Planning Commission, National Council on Indian Opportunity, National Gallery of Art, National resources budget overview, Pennsylvania Avenue Development Corporation, Smithsonian Institution, Woodrow Wilson International Center for Scholars. ii+1032+clx p. ii.
- pt. 2. Department of Interior: Bureau of Outdoor Recreation, Bureau of Sport Fisheries and Wildlife, National Park Service, Office of Coal Research, Office of Oil and Gas, Office of Saline Water, Office of Secretary, Office of Solicitor, Office of Water Resources Research; Department of Health, Education, and Welfare: Indian Health Services. ii+1033-2078+clx p. ii.
- pt. 3. Department of Agriculture, Forest Service, Department of Interior, Office of Territorial Affairs, Federal Metal and Nonmetallic Mine Safety Board of Review, Joint Federal-State Land Use Planning Commission for Alaska, National Foundation on Arts and Humanities, National Endowment for Arts, National Endowment for Humanities, nondepartmental witnesses. ii+2079-3102+clx p. ii.
- pt. 4. Department of Interior, Bureau of Indian Affairs, Office of Secretary, nondepartmental witnesses. ii+3103-4182+clx p. ii.
- 31127 Departments of State, Justice, and Commerce, judiciary, and related agencies appropriations for fiscal year 1974, hearings before subcommittee, 93d Congress, 1st session on H.R. 8916. Y 4.Ap 6/2: St 2/974/pt.2
- pt. 2. Commission on Organization of Government for Conduct of Foreign Policy, Department of Commerce, Department of Justice, Department of State, nondepartmental witnesses, U.S. Arms Control and Disarmament Agency. 1973. ii+1243-2538+xxviii p. † ● Item 1033
- 31128 District of Columbia appropriations, fiscal year 1974, hearings before subcommittee, 93d Congress, 1st session, on H.R. 8658. Y 4.Ap 6/2: D 63/974/pt.1
- pt. 1. 1973. ii+1120+xi p. ii. † ● Item 1033
- 31129 Legislative branch appropriations for fiscal year 1974, hearings before subcommittee, 93d Congress, 1st session, on H.R. 6691. 1973. ii+1104+xiv p. ii. † ● Item 1033 Y 4.Ap 6/2: L 52/974
- 31130 Public works for water and power development and Atomic Energy Commission appropriations for fiscal year 1974, hearings before subcommittee, 93d Congress, 1st session. 1973. † ● Item 1033 L.C. card 93-602550 Y 4.Ap 6/2: P 96/3/974/pt. (nos.)
- pt. 1. Corps of Engineers, construction and planning, general investigations, Missouri River Division, New England Division, North Atlantic Division, Ohio River Division, Operation and Maintenance, South Atlantic Divisions, Delaware River Basin Commission, ii+1031+xxxv p. ii.
- pt. 2. Corps of Engineers, Lower Mississippi Valley Division, North Central Division, North Pacific Division, Pacific Ocean Division, remaining items, South Pacific Division, Southwestern Division, Susquehanna River Basin Commission, U.S. Army Memorial Affairs Agency. ii+1033-2327+xxxv p.
- 31131 Treasury, Postal Service, and general government appropriations, fiscal year 1974, hearings before subcommittee, 93d Congress, 1st session, on H.R. 9590. Y 4.Ap 6/2: T 71/974/pt.2
- pt. 2. Department of Housing and Urban Development: Federal Disaster Assistance Administration; Department of Treasury: Bureau of Customs, Civil Service Commission; Executive Office of the President: Council on International Economic Policy, Economic Stabilization Activities, Executive residence, National Commission on Productivity, National Security Council, Office of Emergency Preparedness, Office of Management and Budget, Office of Telecommunications Policy, Special Action Office for Drug Abuse; General Services Administration; nondepartmental witnesses; U.S. Postal Service. 1973. ii+1067-2151+xxiii p. ii. † ● Item 1033

⊕For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

Page 27

## GOVERNMENT PUBLICATIONS

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

- 31132 Fiscal year 1974 authorization for military procurement, research and development, construction authorization for SAFEGUARD ABM and active duty and selected reserve strengths, hearings, 93d Congress, 1st session on S. 1263. 1973. † ● Item 1034  
L.C. card 73-602186 Y 4.Ar 5/3 : P 94/6/974/pt. (nos.)  
pt. 3. Authorizations, May 8-June 8, 1973. [2] + 1329-1859 p. II.  
pt. 4. Research and development, Feb. 8-Apr. 3, 1973. II + 1861-2775 p. II.  
pt. 5. Research and development, Apr. 6-May 29, 1973. II + 2777-4051 p. II.  
pt. 7. Tactical air power and F-14, Mar. 21-June 26, 1973. II + 4749-5178 p. II.
- 31133 Nomination of Middendorf and Brehm, hearing before Committee on Armed Services, Senate, 93d Congress, 1st session on nomination of J. William Middendorf II, to be Under Secretary of Navy [and] William Keith Brehm to be Assistant Secretary of Defense, July 26 [and] Aug. 2, 1973. 1973. III + 14 p. † ● Item 1034  
L.C. card 73-602638 Y 4.Ar 5/3 : N 72/9/973-4

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

- 31134 Defense production act amendments, hearing before Subcommittee on Production and Stabilization, 93d Congress, 1st session, on S. 1980, June 28, 1973. 1973. III + 11 p. † ● Item 1035  
L.C. card 73-602475 Y 4.B 22/3 : D 36/3/973
- 31135 Nomination of Gary L. SeEVERS, hearing, 93d Congress, 1st session on nomination of Gary L. SeEVERS to be member of Council of Economic Advisers, July 10, 1973. 1973. II + 20 p. † ● Item 1035 Y 4.B 22/3 : Se 3
- 31136 Nominations of Sheldon B. Lubar, George A. LeMaistre, Alberto F. Trevino, jr., and Mitchell P. Kobelinski, hearing, 93d Congress, 1st session, on nominations of Sheldon B. Lubar to be Assistant Secretary of Department of Housing and Urban Development, George A. LeMaistre to be Director of Federal Deposit Insurance Corporation, Alberto F. Trevino, jr., to be General Manager of Community Development Corporation, and Mitchell P. Kobelinski to be Member of Board of Directors of Export-Import Bank of United States, June 29, 1973. 1973. III + 17 p. † ● Item 1035  
L.C. card 73-602482 Y 4.B 22/3 : N 53/5

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

- [Committee publications] serial, 93d Congress. † ● Item 1041  
Y 4.C 73/2 : 93-(nos.)
- 31137 4. Federal election campaign act of 1973, hearings before Subcommittee on Communications, 93d Congress, 1st session, Mar. 7-13, 1973 Appendix A. 1973. III + 257 p.  
L.C. card 73-601529
- 31138 19. Environmental protection act of 1973, hearings before Subcommittee on the Environment, 93d Congress, 1st session on S. 1104, Apr. 2 and 5, 1973. 1973. III + 342 p. II.  
L.C. card 73-602436
- 31139 Initiatives in energy conservation, staff report. 1973. v + 43 p. (Committee print, 93d Congress, 1st session.) \* Paper, 50c. (S/N 5270-01960).  
L.C. card 73-602697 Y 4.C 73/2 : En 2

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

- 31140 Private pension plan reform, hearings before Subcommittee on Private Pension Plans, 93d Congress, 1st session, May 21-June 12, 1973. 1973.  
● Item 1038  
pt. 2. May 31-June 12, 1973. IX + 619-1287 p. \* Paper, \$4.20 (S/N 5270-01957).  
L.C. card 73-602353 Y 4.F 49 : P 38/7/pt.2

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

NOVEMBER 1973

*Foreign Relations Committee, Senate*  
Washington, DC 20510

- 31141 Multinational corporations and United States foreign policy, hearings before Subcommittee on Multinational Corporations, 93d Congress, 1973.  
● Item 1039 Y 4.F 76/2: M 91/pt. (nos.)  
pt. 1. International Telephone and Telegraph Company and Chile, 1970-71, Mar. 20-Apr. 2, 1973. iv+1-515+iv p. \* Paper, \$2.95 (S/N 5270-01929).  
pt. 2. International Telephone and Telegraph Company and Chile, 1970-71, Mar. 20-Apr. 2, 1973, (appendixes to pt. 1). iv+517-1092 p. \* Paper, \$2.95 (S/N 5270-01930).

*Government Operations Committee, Senate*  
Washington, DC 20510

- 31142 Nomination of Arthur F. Sampson, hearing, 93d Congress, 1st session on nomination of Arthur F. Sampson to be Administrator of General Services Administration, June 18, 1973. 1973. iii+52 p. † ● Item 1037  
L.C. card 73-602671 Y 4.G 74/6: Sa 4

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

- 31143 Eastern wilderness areas, hearings before Subcommittee on Public Lands, 93d Congress, 1st session on S. 316 [and] S. 988, 1973.  
L.C. card 73-601641 Y 4.In 8/13: W 64/7/pt.2  
pt. 2. May 7, 1973. v+323-548 p. il. [Hearings held in Concord, N.H.] †  
● Item 1040
- 31144 Financing economic development of Indians and Indian organizations, hearing before Subcommittee on Indian Affairs, 93d Congress, 1st session, on S. 1341 and related bills, May 31, 1973. 1973. iii+149 p. †  
● Item 1040  
L.C. card 73-602606 Y 4.In 8/13: In 2/23
- 31145 Grand Canyon National Park, hearing before Subcommittee on Parks and Recreation, 93d Congress, 1st session on S. 1296, June 20, 1973. 1973. v+233 p. il. † ● Item 1040  
L.C. card 73-602662 Y 4.In 8+13: G 76/3
- 31146 Rights-of-way across Federal lands, hearings, 93d Congress, 1st session on S. 970, S. 993 [and] S. 1565.  
L.C. card 73-601643 Y 4.In 8/13: R 44/pt.4  
pt. 4. Transportation of Alaska's north slope oil, May 8, 1973. 1973. iv+671 p. il. † ● Item 1040
- 31147 Saline water program, hearing before Subcommittee on Water and Power Resources, 93d Congress, 1st session, on S. 1386, June 5, 1973. 1973. iii+140 p. il. † ● Item 1040  
L.C. card 73-602596 Y 4.In 8/13: Sa 3/7/973

*Judiciary Committee, Senate*  
Washington, DC 20510

- 31148 Legacy of Alexander Orlov, prepared by Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, Aug. 1973. 1973. iii+150+xi p. (Committee print, 93d Congress, 1st session.) \* Paper, \$1.25 (S/N 5270-01946).  
L.C. card 73-602759 Y 4.J 89/2: Or 5/2
- 31149 Methaqualine (quaalude, sopor) traffic, abuse and regulation, hearings before Subcommittee to Investigate Juvenile Delinquency, 93d Congress, 1st session, pursuant to S. Res. 56, sec. 12, Mar. 28-Apr. 6, 1973. 1973. viii+468 p. il. † ● Item 1042  
L.C. card 73-602497 Y 4.J 89/2: M 56/2
- 31150 Nomination of Clarence M. Kelley to be Director of Federal Bureau of Investigation, hearings, 93d Congress, 1st session, on nomination of Clarence M. Kelley, of Missouri, to be Director of Federal Bureau of Investigation, June 19-25, 1973. 1973. iv+192 p. † ● Item 1042  
L.C. card 73-602621 Y 4.J 89/2: K 28

⊕For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

## GOVERNMENT PUBLICATIONS

- 31151 21-year index, combined cumulative index 1951-71, to published hearings, studies, and reports of Subcommittee to Investigate, Administration of Internal Security Act and Other Internal Security Laws. 1972.  
L.C. card 72-602689 Y 4.J 89/2: In 2/3/951-71/v.1  
v. 1. A-K. Aug. 1972. ii+854 p. \* Paper, \$3.50 (S/N 5270-1529).
- 31152 World drug traffic and its impact on U.S. security, hearings before Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, 93d Congress, 1st session.  
L.C. card 72-603143 Y 4.J 89/2: D 84/4/pt.7  
pt. 7. Testimony of Robert W. Baird, Mar. 19, 198. 1973. ii+305-319+iii p. \* Paper, 25c. (S/N 5270-01941). ● Item 1042

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

- 31153 Emergency medical services systems development act of 1973, hearings before Subcommittee on Health, 93d Congress, 1st session, on S. 504 [and] S. 654, Jan. 31, and Feb. 1, 1973, Washington, D.C., Mar. 9, 1973, San Francisco, Calif., Mar. 12, 1973, Los Angeles, Calif. 1973. viii+1007 p. il. † ● Item 1043  
L.C. card 73-602752 Y 4.L 11/2: M 46/16
- 31154 Guaranteed student loans, hearing before Subcommittee on Education, 93d Congress, 1st session, June 22, 1973. 1973. iv+121 p. † ● Item 1043  
L.C. card 73-602434 Y 4.L 11/2: St 9/7
- 31155 Legislative history of Equal employment opportunity act of 1972 (H.R. 1746, P.L. 92-261), amending title 7 of Civil rights act of 1964; prepared by Subcommittee on Labor, Nov. 1972. 1972. xxii+2067 p. (Committee print, 93d Congress, 2d session.) \* Paper, \$11.25 (S/N 5270-01629).  
L.C. card 72-603494 Y 4.L 11/2: Em 7/21
- 31156 Nomination, hearing, 93d Congress, 1st session, Alvin J. Arnett, of Maryland, to be Director of Office of Economic Opportunity, July 20, 1973. 1973. iv+253 p. † ● Item 1043  
L.C. card 73-602738 Y 4.L 11/2: N 72/5/973-4

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

- 31157 Federal food programs, 1973, hearings, 93d Congress, 1st session.  
L.C. card 73-602183 Y 4.N 95: F 73/2/pt.2  
pt. 2. Hunger in 1973, June 4, 1973. 1973. iv+185-292 p. (Series 73/FFP2.)  
\* Paper, \$1.00 (S/N 5270-01951). ● Item 1009

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

- 31158 Reappointment and nomination, hearing, 93d Congress, 1st session on reappointment of Robert E. Hampton to be U.S. Civil Service Commissioner and nomination of Vincent P. Barabba to be Director, Bureau of Census, June 20, 1973. 1973. iii+128 p. † ● Item 1044  
L.C. card 73-602593 Y 4.P 84/11: N 72/973

### *Presidential Campaign Activities, Select Committee on, Senate* Washington, DC 20510

NOTE.—The Select Committee on Presidential Campaign Activities was established by S. Res. 60, 93d Congress, 1st session, adopted February 7, 1973.

- 31159 Presidential campaign activities of 1972, Senate Res. 60, hearings, 93d Congress, 1st session, Watergate and related activities. ● Item 1009-A  
L.C. card 73-602551 Y 4.P 92/4: P 92/phase 1/bk. (nos.)  
Phase 1, bk. 1. Watergate investigation, May 17-24, 1973. 1973. v+456 p. il.  
\* Paper, \$3.00 (S/N 5270-01843).  
Phase 1, bk. 2. Watergate investigation, June 5-14, 1973. 1973. v+457-910 p. il.  
\* Paper, \$3.00 (S/N 5270-01962).

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

NOVEMBER 1973

*Public Works Committee, Senate*  
Washington, DC 20510

- [Committee publications] serial, 93d Congress. Y 4.P 96/10: 93-(nos.)
- 31160 S. Report on aircraft-airport noise, report of Administrator of Environmental Protection Agency [in compliance with Noise control act of 1972, Public Law 72-574]; Aug. 1973. 1973. ii + [5] + 116 p. 4° (Committee print, 93d Congress, 1st session.) \* Paper, \$1.25 (S/N 5270-01936).
- 31161 H 9. Decision of Administrator of Environmental Protection Agency regarding suspension of 1975 auto emission standards, hearings before Subcommittee on Air and Water Pollution, 93d Congress, 1st session. 1973. ● Item 1045  
L.C. card 73-601792  
pt. 2. May 14-21, 1973. iv + 463-1019 + [15] p. il. \* Paper, \$4.65 (S/N 5270-01842).  
pt. 3. May 23-31, 1973. iv + 1021-1687 p. il. \* Paper, \$3.70 (S/N 5270-01940).
- 31162 H 12. Nomination of Norbert T. Tiemann, hearing, 93d Congress, 1st session, on nomination of Norbert T. Tiemann to be Federal Highway Administrator, May 15, 1973. 1973. ii + 12 p. † ● Item 1045  
L.C. card 73-602478
- 31163 H 14. Corps of Engineers and Soil Conservation Service projects, hearing before Subcommittee on Water Resources, 93d Congress, 1st session, June 8, 1973. 1973. iv + 80 p. il. † ● Item 1045  
L.C. card 72-602472
- 31164 H 17. Nomination of Russell E. Train, hearing, 93d Congress, 1st session on nomination of Russell E. Train to be Administrator of Environmental Protection Agency, Aug. 1, 1973. 1973. ii + 69 p. † ● Item 1045  
L.C. card 73-602674

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

- 31165 Criminal redistribution [(fencing)] systems and their economic impact on small business, hearings, 93d Congress, 1st session. 1973.  
L.C. card 73-602639 Y 4.Sm 1/2: C 86/6/pt.1  
pt. 1. May 1 and 2, 1973. iv + 264 p. il. \* Paper, \$1.95. ● Item 1049
- 31166 Role of giant corporations, hearings before Subcommittee on Monopoly, 92d Congress, 1st and 2d sessions, on role of giant corporations in American and world economics. Y 4.Sm 1/2: C 81/pt.3B  
pt. 3B. Appendixes, corporate secrecy, agribusiness, Nov. 23, 1971-Mar. 2, 1972. 1973. xiii + 4649-3292 p. il. \* Paper, \$4.05 (S/N 5270-01928). ● Item 1049

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

- Catalog of copyright entries, 3rd series, v. 26. \* Paper, \$50.00 a yr. (including semiannual issues of pts. 1-13); \$12.50 additional for foreign mailing.  
L.C. card 6-35347 LC 3.6/5: v.26/pt. (nos.)/no. (nos.)
- 31167 pts. 3-4. Dramas and works prepared for oral delivery, no. 2, July-Dec. 1972. 1973. x + 127-242 p. 4° ● Item 794  
NOTE.—Parts 3-4 also sold separately on subscription. \* Paper, \$5.00 a yr., \$1.25 additional for foreign mailing; semiannual issues, \$2.50.
- 31168 pt. 7-11A. Works of art, reproductions of works of art; scientific and technical drawings; photographic works; prints and pictorial illustrations, no. 2; July-Dec. 1972. 1973. x + 257-493 p. 4° ● Item 798  
NOTE.—Parts 7-11A also sold separately on subscription. \* Paper, \$5.00 a yr., \$1.25 additional for foreign mailing; semiannual issues, \$2.50.
- Circular.
- 31169 51. Recording rights in musical compositions. [Sept. 1973.] [2] p. 4° † ● Item 802-A LC 3.4/2: 51
- 31170 75th annual report of Register of Copyrights for fiscal year 1972. 1973. [4] + 17 p. 4° [Reprinted from Annual report of Librarian of Congress.] †  
L.C. card 10-35017 LC 3.1: 972

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

- Economic stabilization program. ● Item 857-L1
- 31171 Phase 4, food regulations. Aug. 22, 1973. 12 p. 4° \* Paper, 25c. (S/N 4114-00021). PrEx 17.10: F 73

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

## GOVERNMENT PUBLICATIONS

### Economic stabilization program—Continued

- 31172 Phase 4, oil regulations. Aug. 17, 1973. 17 p. 4° ° Paper, 30c. (S/N 4114-00020).  
L.C. card 73-602646 PrEx 17.10 : 015
- 31173 Phase 4, regulations and questions and answers. Aug. 1973. cover title, iii+ [1]  
+165 p. 4° ([No.]2.) ° Paper, \$1.75 PrEx 17.10 : P 49/2/no. 2  
L.C. card 73-602569

### COUNCIL ON ENVIRONMENTAL QUALITY, Executive Office of the President, 722 Jackson Pl. N.W. Washington, DC 20036

- 31174 Taking issue, analysis of constitutional limits of land use control; [by  
Fred Bosselman, David Callies [and] John Banta]. [1973.] cover title,  
[3]+xxiii+329 p. ° Paper, \$2.35. ● Item 856-E PrEx 14.2 : T 13  
L.C. card 73-602495

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

NOTE.—The Defense Civil Preparedness Agency was established by direction of  
the Secretary of Defense and began operations May 5, 1972.

- 31175 Civil preparedness, new dual mission, annual report 1972. [1973.] vi+[2]  
+65 p. il. 4° \* Paper, 95c. (S/N 0830-00011). ● Item 320-B-4  
D 14.1 : 972

[Miscellaneous publication] MP (series).

- 31176 39. Catalog of courses and conferences, 1973-74. [1973.] [2]+iii+20 p. il. 4°  
[Supersedes MP-39, May 1972. Issued with perforations.] † ● Item  
857-D-11 D 14.10 : 39/2

### DEFENSE COMMUNICATIONS AGENCY, Defense Dept. Arlington, VA 22204

- 31177 [National Military Command System information processing 360 formatted  
file system (NIPS 360 FFS) : User's manual.] (National Military Com-  
mand System Support Center, [Computer system manual] CSM UM  
15B-68.) [Issued with perforations.]  
v. 3. File maintenance (FM), July 1, 1971, Change 2. Feb. 1, 1973. [66] p. 4°  
\* Paper, 85c. (S/N 0805-00045). ● Item 315-D-1 D 5.109 : Us 2/v.3/ch.2

### DEFENSE DEPARTMENT Washington, DC 20301

- 31178 Acquisition management systems list, A.M.S.L. Mar. 1971. cover title,  
[126] p. il. 4° (DoD manual 7000.6-M. [Issued with perforations.  
Superseded Authorized management control systems list, July 1970.]  
\* Paper, \$1.50. D 1.6/2 : M 31/2/971
- 31179 — Sept. 1972. cover title, [107] p. il. 4° (DoD manual 7000.6-M.)  
[Supersedes Acquisition management systems list, Mar. 1971. Issued  
with perforations.] \* Paper, \$1.50. D 1.6/2 : M 31/2/972
- 31180 Federal item identification guide : Aircraft launching, landing, and ground  
handling equipment, Apr. 2, 1971, Change 2. Aug. 10, 1973. [69] p. 4°  
(INTERIM FIIG T244; Defense Supply Agency, Defense Logistics Serv-  
ices Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper,  
\$1.00. ● Item 314-A D 7.6/4 : A1 7/2/ch.2
- 31181 — Chemicals, May 21, 1971, Change 2. May 29, 1973. [3] p. 4° (FIIG  
A108; Defense Supply Agency, Defense Logistics Service Center, Battle  
Creek, Mich.) [Issued with perforations.] \* Paper, 20c. ● Item 314-A  
D 7.6/4 : C 42/4/ch.2
- 31182 — Cloth, Apr. 3, 1970, Change 3. June 21, 1973. [5] p. 4° (FIIG A216;  
Defense Supply Agency, Defense Logistics Services Center, Battle Creek,  
Mich.) [Issued with perforations.] \* Paper, 20c. ● Item 314-A  
D 7.6/4 : C 62/ch.3

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



NOVEMBER 1973

- 31183 — Counters, rotating and reciprocating, Apr. 23, 1971, Change 2. Aug. 24, 1973. 4 p. 4° (FIIG A236; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 25c. ● Item 314-A  
D 7.6/4: C 83/4/ch.2
- 31184 — Fans and impellers, Nov. 7, 1969, Change 2. Aug. 13, 1973. [55] p. il. 4° (FIIG A087; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 90c. ● Item 314-A  
D 7.6/4: F 21/ch.2
- 31185 — Fuels, liquid and solid, Change 3. Aug. 31, 1973. 52 p. 4° (FIIG T095; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 65c. ● Item 314-A  
D 7.6/4: F 95/ch.3
- 31186 — Jumpers, sweaters, and undershirts, Apr. 9, 1971, Change 2. June 15, 1973. [8] p. 4° (INTERIM FIIG T161; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 20c. ● Item 314-A  
D 7.6/4: J 95/2/ch.2
- 31187 — Lights, June 13, 1969, Change 3. June 27, 1973. [24] p. 4° (FIIG A065; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 30c. ● Item 314-A  
D 7.6/4: L 62/ch.3
- 31188 — Miscellaneous electrical power and distribution equipment, Nov. 27, 1970, Change 1. June 18, 1973. 68 p. il. 4° (INTERIM FIIG T255, Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 85c. ● Item 314-A  
D 7.6/4: E1 2/8/ch.1
- 31189 — Nuts, Aug. 30, 1968, Change 4. [1973.] [56] p. 4° (FIIG A021; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 90c. ● Item 314-A  
D 7.6/4: N 95/ch.4
- 31190 — Propellers and test clubs, Apr. 23, 1971, Change 1. June 29, 1973. [51] p. 4° (FIIG A307; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 70c. ● Item 314-A  
D 7.6/4: P 94/4/ch.1
- 31191 — Terminal boards. Aug. 17, 1973. cover title, [132] p. il. 4° (FIIG A011A; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.45. ● Item 314-A  
D 7.6/4: T 27/973
- 31192 — Visible record equipment, Nov. 27, 1970, Change 1. June 19, 1973. [53] p. 4° (INTERIM FIIG T300; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 80c. ● Item 314-A  
D 7.6/4: R 24/2/ch.1
- Military standard MIL-STD (series). [Issued with perforations.]
- 31193 1132. Switches and associated hardware, selection and use of, notice 7. May 31, 1973. [1973.] [37] p. il. 4° (FSC 5930.) † ● Item 314-J  
D 7.10: 1132/notice 7
- 31194 [MILSTRIP] military standard requisitioning & issue procedures Oct. 1, 1971, Change 2. Aug. 1, 1973. [111] p.+4° (DoD 4140.17-M; Defense Supply Agency.) [Issued with perforations. Supersedes interim changes 4-72, 5-72 and 1-73 through 6-73.] \* Paper, \$1.35. ● Item 314-A  
D 7.6/4: M 59/971/ch.2
- 31195 MILSTRIP, supp. 1, Routing identifier codes; July 1973. [1973.] iii+210 p. 4° (DoD 4140.17-M; Office of Assistant Secretary of Defense (Installations and Logistics).) [Issued with perforations. Supersedes DoD 4140.17-M, supp. 1, Nov. 15, 1971 and interim changes.] \* Paper, \$2.50. ● Item 314-A  
D 7.64: M 59/supp.1/rev.-3

☛For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

Page 33

## GOVERNMENT PUBLICATIONS

- 31196 [MILSTRIP], supp. 2, Military assistance program address directory, Sept. 1, 1972, Change 10. July 1, 1973. [49] p. 4° (DoD 4140.17-M; Defense Supply Agency.) [Issued in looseleaf form.] \* Paper, 70c.  
● Item 314-A D 7.6/4: M 59/supp.2/rev.-6/ch.10
- 31197 Personal property traffic management regulation, May 1, 1971, Change 6. July 16, 1973. [144] p. 4° (DoD 4500.34-R; Military Traffic Management and Terminal Service.) [Issued with perforations.] \* Paper, \$1.50  
● Item 309 D 1.6: P 43/ch.6
- Plastics Technical Evaluation Center, Picatinny Arsenal, Dover, N.J.:  
- PLASTEC note.
- 31198 6 C. Government specifications and standards for plastics covering defense engineering materials and applications, (revised, final); by Norman E. Beach. May 1973. iv+7+[2] p. 4° [Supersedes PLASTEC note 6B, June 1969.] † D 4.11/2: 6C
- 31199 USAFI bulletin, v. 1, no. 1. July 1973. cover title, 12 p. 4° †  
D 1.10/3: 973/no.1

### DEFENSE MAPPING AGENCY, Defense Dept. Washington, DC 20305

NOTE.—The Defense Mapping Agency was established as an agency of the Department of Defense on Jan. 1, 1972, under the provisions of National Security Act of 1947, as amended.

- Publications. (Hydrographic Center.) ● Item 378 (Rev. 1957).
- 31200 50. Change 1, July 7, 1973. Loose leaf change pages for correcting sailing directions for southwest coast of Africa, 5th edition, 1969. [1973.] [218] p. il. 4° [Includes list of effective pages. Issued with perforations.] D 203.22: 50/969/ch.1  
† Paper, \$1.75.
- 31201 152. Change 1, Aug. 4, 1973. Loose leaf change pages for correcting sailing directions for North Pacific Ocean, 1st edition, 1972. [1973.] [42] p. il. 4° [Includes list of effective pages. Issued with perforations.] † Paper, \$1.75. D 5.317: 152/ch.1

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

NOTE.—The Domestic and International Business Administration was established within the Department of Commerce by Dept. Organization Order 40-1, effective Nov. 17, 1972.

- 31202 Export mailing list and FTI data tap services. May 1973. 19 p. (Trade list program; Office of Export Development.) † ● Item 231-B-1  
C 57.2: Ex 7
- Overseas business reports OBR (series). [Issued irregularly.] \* Paper, \$28.50 a yr., \$7.25 additional for foreign mailing; single copy, 30c. 1-3 yr. subs.). ● Item 231-B C 57.11: (nos.)
- 31203 73-18. International economic indicators, quarterly report; [prepared by International Trade Analysis Division, Bureau of International Commerce]. May 1973. 42 p. il. 4° [Issued with perforations.]
- 31204 73-23. Investing in Yugoslavia [with bibliography]; prepared by Donald Crafts. June 1973. 6 p. 4° [Issued with perforations.]
- 31205 73-28. Selling in Spain [with bibliography]; prepared by Ann Corro. July 1973. 21 p. 4° [Issued with perforations. Supersedes OBR 69-12 and OBR 70-63.]
- 31206 73-29A. Five-year plan summary: Hungary; prepared by Mona Friedlander. July 1973. 3 p. 4° [Issued with perforations.]
- 31207 73-29B. Five-year plan summary: Poland; prepared by Mona Friedlander. July 1973. 4 p. 4° [Issued with perforations.]
- 31208 73-30. Selling in Greece [with bibliography]; prepared by Mara Yachnin. July 1973. 22 p. 4° [Issued with perforations.]
- 31209 73-34. Foreign trade regulations of Malaysia; prepared by J. Lee Barnes. July 1973. 8 p. 4° [Issued with perforations. Supersedes OBR 67-35.]
- 31210 73-35. Foreign trade regulations of Sweden; prepared by William Nagel. July 1973. 8 p. 4° [Issued with perforations. Supersedes OBR 69-74.]
- 31211 Overseas trade promotions calendar, July 1973. [1973.] 38 p. † ● Item 231-B-2 C 57.12: 973
- 31212 U.S. trade promotion facilities abroad. Aug. 1973. 35 p. il. 4° † ● Item 231-B-1 C 57.2: T 67  
L.C. card 73-602831

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

NOVEMBER 1973

ECONOMIC ANALYSIS BUREAU, Commerce Dept.  
Washington, DC 20230

NOTE.—The Economic Analysis Bureau was established within the Social and Economic Statistics Administration of the Commerce Department by the merging of the office of Business Economic and Census Bureau. Effective Jan. 1, 1972.

Staff paper BEA-SP (series). † ● Item 142-G C 56.113 : (nos.)

- 31213 21. Size distribution of family personal income: Methodology and estimates for 1964; by Edward C. Budd, Daniel B. Radner, John C. Hinrichs. June 1973. [4] + 128 p. il. 4°
- 31214 22. BEA quarterly econometric model [with list of references]; by Albert A. Hirsch, Maurice Liebenberg, George R. Green. July 1973. [6] + 113 p. il. 5 pl. 4°

ECONOMIC RESEARCH SERVICE, Agriculture Dept.  
Washington, DC 20250

- 31215 Agricultural finance review, v. 34, July 1973; [compiled by Edward I. Reinsel]. [1973.] cover title, ii+44 p. il. 4° (Farm Production Economics Division.) [Text and table of contents on p. 2 of cover.] † ● Item 18-A A 93.9/10: 34

EES-(series).

- 31216 524. Economic impact of discontinuing farm use of lindane and BHC; [by Herman W. Delvo, Robert P. Jenkins, and Austin S. Fox]. [1973.] vi+16 p. il. 4° (National Economic Analysis Division.) † ● Item 42-I A 93.21: 524

- 31217 Farm income situation. July 1973. 75 p. il. 4° (FIS-222). † ● Item 21-C A 93.9: 222

FDD field report.

- 31218 32. Agriculture in Vietnam economy, system for economic analysis; by Rex F. Daly [and others]. [June 1973.] xv+321 p. il. 4° [Prepared in cooperation with Vietnam Ministry of Land Reform, Agriculture, Fishery, and Animal Husbandry Development and Office of Food and Agriculture. U.S. Agency for International Development.] † ● Special offer. L.C. card 73-602706 A 93.37: 32

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

- 31219 Beyond melting pot, [address] by S. P. Marland jr., Assistant Secretary for Education, Department of Health, Education, and Welfare, before Bishop College's 92d annual summer baccalaureate and commencement convocation, Dallas, Tex. Aug. 5, 1973. [1973.] 18 leaves, 4° † HE 5.8: M 34/61

- 31220 Broadcast and production statistics of public television licensees, fiscal year 1971; by S. Young Lee and Ronald J. Pedone with assistance of Robert E. L. Tolbert and Brian Kalmus. [1973.] xii+89 p. il. 4° (DHEW publication (OE) 73-11000; National Center for Educational Statistics.) [At head of title on cover: Educational technology. Prepared in cooperation with Corporation for Public Broadcasting. Text on p. 2 of cover.] \* Paper, \$1.25. ● Item 461 (Rev. 1965) HE 5.2: B 78/2/971

- 31221 Digest of educational statistics, 1972; by Kenneth A. Simon and W. Vance Grant. [1973.] xi+171 p. il. 4° (DHEW Publication (OE) 73-1103. National Center for Educational Statistics.) \* Paper, \$2.35 (S/N 1780-01139). ● Item 460-A-10 HE 5.98: 972

- 31222 Earned degrees conferred, 1970-71; [by Mary Evans Hooper]. [1973.] xiii+771 p. 4° (DHEW publication (OE) 73-11412; National Center for Educational Statistics.) [At head of title on cover: Higher education.] \* Paper, \$7.00 (S/N 1780-01212). ● Item 460-A-54 HE 5.92/5: 970-71

- 31223 Index of institutions of higher education by State and congressional district, June 1973; [by Carolyn R. Smith]. [1973.] iii+50 p. 4° (DHEW publication (OE) 11417, National Center for Educational Statistics.) [At head of title on cover Higher education.] \* Paper, 85c. ● Item 460-A-50 HE 5.92/4: 973

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

Page 35

## GOVERNMENT PUBLICATIONS

- 31224 Indicators of educational outcome, fall 1972; compiled by Morris Cobern, Claude Salem, and Selma Mushkin. [1973.] [2]+v+69 p. 4° (DHEW publication (OE) 73-11110; National Center for Educational Statistics.) \* Paper, 95c. ● Item 461 (Rev. 1965)  
L.C. card 73-602406 HE 5.2: In 2
- 31225 National assessment and social indicators, Jan. 1973 [with list of references]; by Selma J. Muchkin and Stephen Stageberg. [1973.] vi+53 p. il. 4° (DHEW publication (OE) 73-11111; National Center for Educational Statistics.) \* Paper, 85c. ● Item 461 (Rev. 1965)  
HE 5.2: As 7/2/973
- National assessment of educational progress, project of Education Commission of States: Reports. ● Item 461 (Rev. 1965.)  
L.C. card 72-601536 HE 5.2: As 7/rp. (nos.)
- 31226 02-R-06. Main ideas and organizations: theme 6, Reading. July 1973. xviii+139 p. il. 4° \* Paper, \$1.60.
- 31227 02-R-08. Critical reading: theme 8, Reading. May 1973. xviii+169 p. \* Paper, \$2.35.
- 31228 Research and training opportunities abroad, 1974-75, educational programs in foreign language and area studies. [1973.] iv+32 p. (DHEW publication (OE) 73-19500, Institute of International Studies.) \* Paper, 35c. ● Item 460-A-14 HE 5.99: 974-75
- 31229 Statistics of local school systems, fall 1970, staff; by Warren A. Hughes. [1973.] v+226 p. il. 4° (DHEW publication (OE) 73-11415; National Center for Educational Statistics.) [At head of title on cover: Elementary and secondary education.] \* Paper, \$2.60. ● Item 460-A-20  
HE 5.93/8: 970
- 31230 Statistics of public elementary and secondary day schools, fall 1972, pupils instructional and noninstructional staff, expenditures and salaries; by Betty J. Foster. [1973.] viii+35 p. 4° (DHEW publication (OE) 73-11402; National Center for Educational Statistics.) [At head of title on cover: Elementary and secondary education.] \* Paper, 75c. ● Item 460-A-20 HE 5.93: 972
- 31231 Study of achievement of our nation's students [with list of works cited]; by George W. Mayeske [and others], with foreword by Alexander M. Mood. [1973.] xv+175 p. il. 4° (DHEW publication (OE) 72-131; Office of Program Planning and Evaluation.) \* Paper, \$2.85 (S/N 1780-1055). ● Item 461 (Rev. 1965) HE 5.2: St 9/3
- Suggested two-year post-high school curriculum. [Printed and disseminated pursuant to grant OEG-O-72-4684 by Illinois Curriculum Management Center, Division of Vocational and Technical Education, Board of Vocational Education and Rehabilitation, Springfield, Ill.]
- 31232 Library technical assistant [with bibliographies]. [1973.] vi+142 p. il. 4° [Developed pursuant to contract OEC-0-70-4955 by University of Toledo.] \* Paper, \$1.55. ● Item 461-A (Rev. 1965)  
L.C. card 73-602612 HE 5.6/2: L 61/4
- 31233 Summary statistics of CPB-qualified public radio stations: fiscal year 1971; by S. Young Lee [and others]. [1973.] xi+88 p. il. 4° (DHEW publication (OE) 73-11003; National Center for Educational Statistics.) [At head of title on cover: Educational Technology. Prepared with assistance of Corporation for Public Broadcasting.] \* Paper, \$1.25. ● Item 461 (Rev. 1965) HE 5.2: R 11/4/971
- 31234 This Administration's education record [address] by S. P. Marland, jr., Assistant Secretary for Education, Department of Health, Education, and Welfare, before annual Harvard Summer Conference, Harvard University, Cambridge, Mass., July 19, 1973. [1973.] 14 leaves, 4° †  
HE 5.8: M 34/60

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Not Available for Sale or Distribution

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, Publications Depot, 890 Pickett Street, Alexandria, VA 22304.

Cold Regions Research and Engineering Laboratory: Research report.

- 31235 308. Effect of salinity on optical extinction of sea ice at 6328 Å [with list of literature cited; by] Hurley Davis and Richard H. Munis. [1973.] iii+15 p. il. 4° [Prepared for Naval Ordnance Laboratory.] †  
D 103.33/3: 308

— Special reports. † D 103.33/2: (nos.)

- 31236 188. Soluble particulates in ice from site 2, Greenland [with list of literature cited; by] George O. Linkletter. July 1973. iii+19 p. il. 4° [Prepared in cooperation with National Science Foundation grant 104.]  
31237 189. Transmission of 2.0 to 3.4 micro infrared radiation in ice fog [with list of literature cited; by] Harold W. O'Brien and Motoi Kumai. July 1973. iii+9 p. il. 4° [DA project 1T061102B52A.]

- 31238 Compendium on survival of fish passing through spillways and conduits [with list of literature cited], by Milo C. Bell [and] Allen C. DeLacy; special section on Stilling basin hydraulics and downstream fish migration [with list of references]; by Howard D. Copp. Jan. 1972. [157] p. il. 4° [Prepared for Fisheries Engineering Research Program, Army Engineers Division, North Pacific, Portland, Oreg.] †  
L.C. card 72-602577 D 103.2: F 52

Construction Engineering Research Laboratory: Preliminary reports.  
D 103.53/3: (letters-nos.)

- 31239 D-5. Dining facility user-attitudes and environmental design research at Travis AFB, Calif. [with list of references]; by W. Gibbs, jr., R. W. Cramer. June 1973. vii+77+ [3] p. 4° [Some illustration are colored.]  
Φ (Price upon application)  
31240 S-19. Aircraft-pavement interaction studies phase 1; Finite-element model of jointed concrete pavement on non-linear viscous subgrade [with list of references]; by Arthur C. Eberhardt. June 1973. v+23+ [1] p. il. 4°  
Φ (Price upon application)

— Technical reports. Φ (Price upon application) D 103.53: (letters-nos.)

- 31241 D-8. Initial quality and life-cycle costs in military family housing [with list of references]; by D. Gordon Bagby. June 1973. vi+16+ [1] p. il. 4°  
31242 E-14. Plastic pipe for interior and exterior cold water distribution systems [with list of cited and uncited references]; by Walter J. Mikucki. May 1973. vi+24+ [3] p. 4°  
31243 M-49. Effects of stress history on resilient response of soils [with list of references]; by John J. Allen. June 1973. [1]+xv+206+ [3] p. 4°  
31244 S-11. Stabilization for pavements [with list of references]; by J. L. Rice. May 1973. vi+32+ [5] p. il. 4°  
31245 Ediz Hook, Port Angeles, Wash., letter from chief of engineers, Army, submitting report; May 15, 1973. 1973. xix+178 p. il. 3 pl. 4° [Also issued as H. doc. 101, 93d Cong., 1st sess.] † ● Item 334-A  
D 103.22: Ed 4/2

Engineer manual EM (series).

- 31246 1110-2-3504. Engineering and design: Chemical grouting [with bibliographies]. May 31, 1973. cover title, [84] p. il. 4° † ● Item 338-A  
D 103.6/3: 1110-2-3504  
31247 Fisheries handbook of engineering requirements and biological criteria [with list of references]; by Milo C. Bell. Feb. 1973. [540] p. il. 4° (Fisheries-Engineering Research Program, Corps of Engineers, North Pacific Division, Portland, Oreg.) [Contract DACW57-68-C-0086. Issued with perforations.] †  
D 103.6/5: F 53  
31248 Flood plain information: Aliso Creek, Orange County, Calif. Mar. 1973. cover title, [3]+i+35 p. il. 42 pl. 4° [Prepared for Orange County Flood Control District by Corps of Engineers, U.S. Army, Los Angeles District Calif.] †  
D 103.47: Or 1/7

Φ For Sale by National Technical Information Service,  
Springfield, VA 22151

● Sent to Depository Libraries

## GOVERNMENT PUBLICATIONS

- 31249 Flood plain information: Coody Creek, Muskogee, Okla. Feb. 1973. cover title, iv+27 p. il. 15 pl. 4° [Prepared for City of Muskogee by Dept. of Army, Tulsa District, Corps of Engineers, Tulsa, Okla.] †  
D 103.47 : M 97/3
- 31250 — Dry Creek and tributaries, Roseville, Calif. May 1973. cover title, [3] +ii+40 p. il. 19 pl. 4° [Prepared for City of Roseville, by Dept. of Army, Sacramento District Corps of Engineers, Sacramento, Calif.] †  
D 103.47 : R 72
- 31251 — Hobble Creek, Springfield, Utah. June 1973. cover title, [3] +ii+28 p. il. 10 pl. 4° [Prepared for City of Springville, by Dept. of Army, Sacramento District Corps of Engineers, Sacramento, Calif.] †  
D 103.47 : Sp 8/3
- 31252 — Logan River, Logan, Utah. June 1973. cover title, [1] +ii+26 p. il. 9 pl. 4° [Prepared for City of Logan and Cache County, by Department of the Army, Sacramento District, Corps of Engineers, Sacramento, Calif.] †  
D 103.47 : L 82
- 31253 — Ohio and Beaver Rivers Beaver County, Penn. Mar. 1973. cover title, [4] +i+48 p. il. 20 pl. 4° [Prepared for Beaver County Planning Commission and State of Pennsylvania, Dept. of Environmental Resources, by Corps of Engineers, U.S. Army, Pittsburgh District, Pittsburgh, Pa.] †  
D 103.47 : B 38
- 31254 List of Illinois River terminals, docks, mooring locations, and warehouses [71. 7 R, Meredosia, Ill.—20.7 R, Hardin, Ill.]. Dec. 1, 1972. 2 p. oblong 8° (St. Louis District.) † St. Louis District, Corps of Engineers, 210 North 12th St., St. Louis, MO 63101  
D 103.58 : 972
- 31255 List of Mississippi River terminals, docks, mooring locations, and warehouses [AHP 570 R, Cypress Bend—361 L, Natchez, Miss.]. Dec. 1, 1972. 8 p. oblong 8° (Vicksburg District.) † Vicksburg District, Corps of Engineers, Vicksburg, MS 39180  
D 103.58/2 : 972-2
- 31256 List of Mississippi River terminals, docks, mooring locations and warehouses [AHP 977 R, Cairo, Ill.—609 L, Hurricane Pt., Miss.]. Dec. 1, 1972. [1] +10 p. oblong 8° † Army Dept., 668 Clifford Davis Federal Bldg., Memphis, TN 38103.  
D 103.58/2 : 972-3
- 31257 List of Mississippi River terminals, docks, mooring locations, and warehouses [AOR 281.9 R, Louisiana, Mo.—2.1 R Birds Point, Mo.]. Dec. 1, 1972. 12 p. oblong 8° (St. Louis District.) † St. Louis District, Corps of Engineers, 210 North 12th St., St. Louis, MO 63101  
D 103.58/2 : 972

### 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).

### — Miscellaneous papers.

D 103.24/4 : (letters—nos.)

- 31258 M-73-8. Characterizing vegetation from existing source material for predicting munition height of burst in inaccessible areas [with list of literature cited]; by H. H. Allen, J. G. Collins. June 1973. [52] p. il. 4° [Sponsored by Army Materiel Command, Program Manager for Selected Ammunition Degradation Effects Program.]
- 31259 S-71-12. Fragment and projectile penetration resistance of soils: report 2, High-velocity fragment penetration into laboratory-prepared soil targets [with list of literature cited]; by B. Rohani. Army-MRC Vicksburg, Miss., June 1973. ix+82+[2] p. il. 7 tab. 4° [Sponsored by Office, Chief of Engineers, Project 4A062112A859, task 05, Soils and Pavements Laboratory.]
- 31260 S-73-56. Lateral distribution of aircraft traffic [with list of literature cited]; by D. N. Brown, O. O. Thompson. Army-MRC Vicksburg, Miss. July 1973. xi+38+[2] p. il. 5 tab., 11 p. of pl. 4° [Sponsored by Office, Chief of Engineers, U.S. Army.]
- 31261 S-73-57. Radiographic, petrographic, and SEM (scanning electron microscopy) evaluation of ballistically loaded clay [with list of literature cited]; by D. M. Patrick. Army-MRC Vicksburg, Miss., June 1973. xi+78+[4] p. il. 4° [Sponsored by Directorate of Military Engineering and Topography.]

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Not Available for Sale or Distribution

NOVEMBER 1973

— Technical reports.

D 103.24/2: (nos.)

- 31262 3-652. Measuring soil properties in vehicle mobility research: report 5, Resistance of fine-grained soils to high-speed penetration [with list of literature cited]; by G. W. Turnage. Army-MRC Vicksburg, Miss. June 1973. xii+47+[11] p. il. 11 pl. 4° [Sponsored by Assistant Secretary of the Army (R&D), Department of the Army. Project 4A061101A91D.]
- 31263 6-553. Investigation of performance of concrete and concreting materials exposed to natural weathering: v. 1. Active investigations, June 1960, Supplements, corrections, and revisions, distribution 11. Jan. 1973. [101] p. 4° [Issued with perforations.]
- 31264 H-73-8. Study of beach widening by perched beach concept Santa Monica Bay, Calif., hydraulic model investigation [with list of literature cited]; by C. E. Chatham, jr., D. D. Davidson, R. W. Whalin. June 1973. xiv+47+[76] p. il. 4° [Sponsored by U.S. Army Engineer District, Los Angeles.]

ENVIRONMENTAL DATA SERVICE, Commerce Dept.  
Washington, DC 20235

World Data Center A for Solar-Terrestrial Physics: Report UAG (series). † Paper, \$9.00 a yr.; \$2.50 additional for foreign mailing; single copies vary in price (National Climatic Center, Federal Bldg., Asheville, NC 28801, Attn: Publications).

- 31265 27. High speed streams in solar wind; by D. S. Intriligator. June 1973. [1]+10 p. 4° † Paper, 15c. C 55.220: 27

ENVIRONMENTAL PROTECTION AGENCY  
Washington, DC 20460

- 31266 Cost effectiveness in water quality programs, discussion. [1972.] [1]+ii +66 p. il. 4° EP 1.2: W 29/8

Ecological research series, EPA. (Office of Research and Development.)

- 31267 660/3-73-001. Weed harvest and lake nutrient dynamics [with list of references]; by Joe K. Neel, Spencer A. Peterson, Winfred L. Smith. July 1973. viii+91+[1] p. il. 4° [Project 16010 DEI sponsored by Water Quality Office.] \* Paper, \$1.25. ● Item 431-I-11 EP 1.23: 660/3-73-001

Ecological research series EPA-R3. (Office of Research and Monitoring.) ● Item 431-I-11 EP 1.23: (nos.)

- 31268 73-024. Phosphorus release from lake sediments [with list of references] by R. E. Wildung [and] R. L. Schmidt. Apr. 1973. xvi+185+[1] p. il. 4° [Project 16010 DUA.] \* Paper, \$2.35.
- 31269 73-037. Effect of silt and silt removal in prairie lake [with list of references]; by Clyde K. Brashier, Constance L. Churchill [and] Gordon Leidahl. July 1973. xiii+200+[1] p. il. 4° [Project 16010 DZK, program element 1B1031.] \* Paper, \$2.60.

Environmental health effects research series EPA-R1. (Office of Research and Monitoring.)

- 31270 73-005. Survey of air and population lead levels in selected American communities [with list of references]; by Lloyd B. Tepper and Linda S. Levin. Dec. 1972. v+73 p. il. 4° [Contract PH 22-68-28; program element 1H1099.] † (Price upon application) EP 1.23/4: 73-005

Environmental monitoring series EPA-R4. (Office of Research and Monitoring.)

- 31271 73-028. Guidelines for development of quality assurance program [with list of references]; by Franklin Smith [and] A. Carl Nelson, jr. June 1973. [Contract 68-02-0598, program element 1H1327.] † (Price upon application) EP 1.23/5: 73-028a,b,c
- a. Reference method for continuous measurement of carbon monoxide in atmosphere. xi+110+[2] p. il. 4°
- b. Reference methods for determination of suspended particulates in atmosphere (high volume method). xi+115+4+[1] p. il. 4°
- c. Reference methods for measurements of photochemical oxidants. xii+98+[2] p. il. 4°

Environmental protection technology series EPA. (Office of Research and Development.) † Price upon application EP 1.23/2: (nos.)

- 31272 650/2-73-004. Fate of trace constituents of coal during gasification [with list of references cited]; by A. Attari. Aug. 1973. vii+31 p. il. 4° [Contract 68-02-0277, program element 1A2013.]

‡ For Sale by National Technical Information Service,  
Springfield, VA 22151

● Sent to Depository Libraries

## GOVERNMENT PUBLICATIONS

### Environmental protection technology series EPA—Continued

- 31273 650/2-73-006. Development of X-ray fluorescence spectroscopy in elemental analysis of particulate matter: phase 2. Evaluation of commercial multiple crystal spectrometer instruments. [with list of references]; by L. S. Birks and J. V. Gilfrich. June 1973. iv+10 p. 4°
- 31274 650/2-73-018. Catalytic combustion, pollution-free means of energy conversion? [with bibliography]; by R. E. Thompson. [Aug. 1973.] vii+53 p. il. 4° [Program element 1A2014.]

### Environmental protection technology series EPA-R2. (Office of Research and Monitoring.) EP 1.23/2: (nos.)

- 31275 72-066. Effects of fuel additives on chemical and physical characteristics of particulate emissions in automotive exhaust [with list of references]; by Dow Chemical Company, Midland, Mich. Dec. 1972. ii+[3]+xv+345 p. il. 4° [Contract CPA 22-69-145, program element A11010.]  $\Phi$ (Price upon application).
- 31276 73-147. Biological removal of colloidal matter from wastewater; [by Walter J. Maier.] June 1973. cover title, xi+166+[1] p. il. 4° [Grant 17030 DGO, program element 1B2043.] \* Paper, \$2.35. ● Item 431-I-12.
- 31277 73-160. Develop operational system for evaluating and testing methods and instruments for determining effects of fuels and fuel additives on automobile emissions; by E. R. Blosser. Feb. 1973. ii+p.+[2]+ii+54 leaves, il. 4° [Prepared by Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio; contract 68-02-0324.]  $\Phi$ (Price upon application).
- 31278 73-198. Low water volume enzyme deactivation of vegetables before preservation [with list of literature cited]; by Jack W. Ralls [and] Walter A. Mercer. May 1973. ix+88+[1] p. il. 4° [Project 12060 PAV.] \* Paper, \$1.25. ● Item 431-I-12.
- 31279 73-232. Methods for pulp and paper mill sludge utilization and disposal [with list of references]; by Thomas R. Aspartate [and others]. May 1973. x+139+[1] p. il. 4° [Project 12040 ESV; Program Element 1B2037.] \* Paper, \$2.10. ● Item 431-I-12.
- 31280 73-244. Conceptual design and cost study, sulfur oxide removal from power plant stack gas, magnaesia scrubbing-regeneration, production of concentrated sulfuric acid [with list of references and abstracts]; by G. G. McGlamery, [and others]. May 1973. xv+372 p. il. 4° [Interagency agreement TV-29233A.]  $\Phi$ (Price upon application).
- 31281 73-250. Sludge processing for combined physical-chemical-biological sludges [with list of references]; by D. S. Parker, F. J. Zadick, K. E. Train. July 1973. x+141+[1] p. il. 4° [Grant R801445; project 17080 FSF.] \* Paper, \$2.10. ● Item 431-I-12.
- 31282 73-251. Feasibility of plastic foam plugs for sealing leaking chemical containers [with list of references]; by R. C. Mitchell, C. L. Hamermesh [and] J. V. Lecce. May 1973. vii+60+[1] p. il. 4° [Project 15090 HGW; contract 68-01-0106.] \* Paper, 85c. ● Item 431-I-12
- 31283 73-255. Ion exchange color and mineral removal from kraft bleach wastes [with list of references]; by Robert L. Sanks. May 1973. xii+189+[1] p. il. 4° [Project 12040 DBD.] \* Paper, \$2.35. ● Item 431-I-12
- 31284 73-259. Heat and Water vapor exchange between water surface and atmosphere [with bibliographies]; by Wilfried Brutsaert. May 1973. v+59+[1] p. il. 4° [Project 16130 DIP; program element 1B1032.] \* Paper, 90c. ● Item 431-I-12
- 31285 73-261. Assessment of automatic sewer flow samplers [with list of references]; by Philip E. Shelley and George A. Kirkpatrick. June 1973. x+233+[1] p. il. 4° [Contract 68-03-0155.] \* Paper, \$2.60. ● Item 431-I-12
- 31286 73-263. Guide to preparation of operational plans for sewage treatment facilities; by Earl Sellar, James W. Altman. July 1973. vii+212+[1] p. il. 4° [Contract 68-01-0073; project 17090FWA.] \* Paper, \$2.60. ● Item 431-I-12
- 31287 73-264. Physical-chemical treatment of municipal wastewater using powdered carbon [with list of references]; by Donald E. Burns, Gerald L. Shell. Aug. 1973. xii+230+[1] p. il. 4° [Contract 14-12-585, project 17020 EFB; Office of Research and Development appears on cover.] \* Paper, \$2.25. ● Item 431-I-12
- 31288 73-265. Irrigation management for control of quality of irrigation return flow [with list of references]; by Larry G. King and R. John Hanks. June 1973. xviii+307+[1] p. il. 4° \* Paper, \$3.45. ● Item 431-I-12
- 31289 73-267. Investigation of nitrate problem in Rannels County, Tex. [with list of references]; by David C. Jones. June 1973. vii+214+[1] p. il. 4° [Project 16060 HNI.] \* Paper, \$2.60. ● Item 431-I-12
- 31290 73-279. Phosphorus removal by trickling filter slimes [with list of references]; by A. E. Zanoni. July 1973. viii+122+[1] p. il. 4° [Grant 17010 DZG.] \* Paper, \$2.10. ● Item 431-I-12
- 31291 73-281. Electrical power consumption for municipal wastewater treatment [with list of references]; by Robert Smith. July 1973. vii+89+[1] p. il. 4° (National Environmental Research Center.) [Program element 1B2043; Office of Research and Development appears on cover.] \* Paper, \$1.25. ● Item 431-I-12

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Not Available for Sale or Distribution



## NOVEMBER 1973

- 31292 73-288. Relationship between fabric structure and filtration performance in dust filtration [with list of references]; by Dean C. Draeme]. July 1973. viii+77 p. il. 4° [Project 21ADJ51; program element 1A2012.] Φ (Price upon application)
- 31293 73-291. Nitric oxide formation in combustion processes with strong recirculation [with list of references]; by C. T. Bowman, L. S. Cohen, and M. N. Director. July 1973. xi+134 p. il. 4° [Contract 68-02-0252; program element 1A2014.] Φ (Price upon application.)
- 31294 Followup meeting of conference in matter of pollution of navigable waters of Galveston Bay and its tributaries held Houston, Tex., Dec. 5, 1972, transcript of proceedings [with list of references]. 1973. [1]+215 p. il. 4°  
 † ● Item 473-A-1  
 L.C. card 73-601997 EP 1.16/2: G 13/972
- 31295 Fuel economy and emission control. Nov. 1972. cover title, 20+A4 p. il. 4° (Office of Air and Water Programs, Mobile Source Pollution Control Program.) † EP 1.2: F 95
- 31296 Inventory of interstate carrier water supply systems by States and Environmental Protection Agency regions. July 1972. 84 p. oblong, 12° (Water Supply Division.) † EP 1.41: 972
- 31297 Inventory of interstate carrier water supply systems by States and Environmental Protection Agency regions. Jan. 1973. [5]+81 p. oblong, 12° (Water Supply Division.) † EP 1.41: 973
- Life pass it on, PAO (series). (Rocky Mountain Prairie Region, Denver, Colo.) † Environmental Protection Agency, P.O. Box 2999, Denver, CO 80201 EP 1.34/2: (nos.)
- 31298 2. How educators can help, project pamphlet for teaching environmental education in grades 1-12. [Oct. 1971.] [7] p. narrow 8°
- 31299 3. How homemaker can help. [1972.] [9] p. narrow 8°
- 31300 4. How farmer and rancher can help. [Feb. 1972.] [13] p. narrow 8°
- 31301 5. How outdoorsman can help. [Feb. 1972.] [6] p. narrow 8°
- PNERL working paper. (Pacific Northwest Environmental Research Laboratory.)**
- 31302 15. Brief outline of study sewage sludge dumping in New York Bight; by D. J. Baumgartner. [1972.] [1]+9 leaves, il. 4° [Presented at joint meeting of New York District Corps of Engineers and National Oceanic and Atmospheric Administration, Rockville, Md., Sept. 12, 1972.] † EP 1.37/2: 15
- 31303 Quarterly calendar of environmental meetings. † EP 1.39: (date)  
 Jan. 1973—
- 31304 Robert S. Kerr Laboratory, national environmental research facility. [1973.] cover title, [17] p. il. oblong, 4° (Office of Public Affairs, Region VII, Kansas City, Mo., for Office of Research and Development.) † Robert S. Kerr Environmental Research Laboratory, P.O. Box 1198, Ada, OK 74820 EP 1.2: R 54
- 31305 Simplified mathematical modeling of water quality [with list of references]. Mar. 1971. cover title, [259] p. il. 4° [Prepared by Hydrosience, Inc., Westwood, N.J. under sub-contract with Mitre Corporation. At head of title on cover: Water quality management planning.] † EP 1.2: M 42
- Socioeconomic environmental studies EPA-R5 (series). (Office of Research and Monitoring.)**
- 31306 73-014. Data acquisition systems in water quality management [with list of literature cited]; by Robert C. Ward. May 1973. viii+259+[1] p. il. 4° [Project 16090 F.U.O.] \* Paper, \$2.85. ● Item 431-I-19 EP 1.23/3: 73-014
- [Solid waste management] SW (series). ● Item 431-I-17 EP 1.17: (nos.)
- 31307 58.19. Solid waste management, available information materials. July 1973. cover title, vi+55 p. 4° \* Paper, 85c.
- 31308 101 ts.1. Developing local & regional solid waste management plan [with bibliographies] by Richard O. Toftner. 1973. viii+29 p. il. 4° \* Paper, 65c.
- 31309 109. Oregon's bottle bill, first 6 months. [1973.] 14 p. il. narrow 8° \* Paper, 30c.

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

Page 41

## GOVERNMENT PUBLICATIONS

### Water pollution control research series.

- 31310 18050 ELD 03/73/no. 11. Biota of freshwater ecosystems identification manual: 11, Freshwater unionacean clams (Mollusca: Pelecypoda) of North America [with list of references; by J. B. Burch, Museum and Department of Zoology, University of Michigan, Ann Arbor, Mich. Mar. 1973. xi+176+[1] p. il. 4° [Contract 14-12-894.] \* Cloth, \$4.10 (S/N 5501-00588). ● Item 473-A-1  
L.C. card 72-603088 EP 1.16: 18050 ELD 03/73/no.11
- 31311 Working papers in alternative futures and environmental quality [with list of suggested reading]. May 1973. [1]+ix+242 p. il. (Office of Research and Development, Washington Environmental Research Center, Environmental Studies Division.) † ● Item 431-I-1 EP 1.2: En 8/6

### FARMER COOPERATIVE SERVICE, Agriculture Dept. Washington, DC 20250

#### General report.

- 81312 120. Improving management of farmer cooperatives; [by Milton L. Manuel]. [Revised Sept. 1973.] [1973.] cover title, iv+47 p. 4° † ● Item 65-A  
A 89.11: 120/2

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

- 31313 Airplane noise levels. [May 31, 1973.] [5] p. 4° (Advisory circular 36-1.)  
† TD 4.8: N 69
- 31314 ATC procedures for random area navigation routes. May 8, 1973. 5 p. 4°  
(Advisory circular 90-63.) [Issued with perforations.] † TD 4.8: N 22
- 31315 Directory of FAA certificated aviation maintenance technician schools.  
[July 12, 1973.] 2+4 p. 4° (Issued with perforations. Cancels Advisory  
circular 147-2K, Aug. 14, 1972. † TD 4.2: M 28/2
- 31316 Economy approach lighting aids, Change 1. June 24, 1973. [16] p. 4° ([Ad-  
visory circular] AC 150/5340-14B.) [Issued with perforations.] †  
TD 4.8: L 62/6/970/ch.1
- 31317 Federal aviation regulations: v. 9. July 1970 [reprinted 1973]. cover title,  
[429] p. 4° \* Paper, \$7.00 (including basic volume and supplementary  
material for an indefinite period); \$1.75 additional for foreign mailing.  
● Item 431-C-13 TD 4.6/3: v.9/rep.-2  
Includes pt. 61, Certification, pilots and flight instructors—pt. 63, Certification,  
flight crewmembers other than pilots—pt. 65, Certification, Airmen other than  
flight crewmembers—pt. 67, Medical standards and certification—pt. 141, Pilot  
schools—pt. 143, Ground instructors—pt. 147, Aviation maintenance technician  
schools.

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

- 31318 Uniform crime reports for United States, 1972. [1973.] vii+272 p. il. 4°  
[Printed annually. Advisory: Committee on Uniform Crime Records,  
International Association of Chiefs of Police. Title on cover is: Crime  
in United States, uniform crime reports, 1972.] \* Paper, \$2.85 (S/N  
2701-00010). ● Item 722 J 1.14/7: 972

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

#### Reports FHWA-RD (series). Ⓢ(Price upon application).

- TD 2.30: (nos.)
- 31319 72-2. Effect of load variations on flexural fatigue strength of plain concrete,  
final report [with bibliography; by] Craig A. Ballinger. Sept. 1971.  
cover title, [1]+v+71 p. il. 4° (Office of Research.)
- 31320 72-5. Template converter program [with list of references; by] John P. Pen-  
zlen. Dec. 1971. cover title, [1]+iv+56 p. il. 4° (Office of Develop-  
ment.) [Work performed in cooperation with University of Colorado,  
Boulder, Colo. under Contract DOT-FH-11-7671.]

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Not Available for Sale or Distribution

## NOVEMBER 1973

- 31321 72-8. Responses of prototype flexible pavements subjected to repetitive and static loads, final report [with list of references; by] William J. Kenis. Jan. 1972. cover title, vi+60 p. il. 4° (Office of Research.)
- 31322 72-14. Monetary value drivers place on comfort in night driving; [by] R. N. Schwab, D. Solomon, and J. F. Lyons. Mar. 1972. cover title, [3]+23 p. il. 4° (Office of Research.)
- 31323 72-16. Motorist radio service final report [with list of references; by] J. J. Renner and A. D. Owen. Jan. 1972. cover title, 158 p. il. 4° (Office of Research.) [Contract FH-11-7742.]
- 31324 72-27. Measuring pavement roughness spectra using modified BPR roughometer with additional refinements, final report [with list of references; by] B. E. Quinn and L. M. Smeyak. Nov. 1972. cover title, [1]+ix+125 p. il. 4° (Office of Research and Development.) [Contract DOT-FH-11-7797.]
- 31325 72-31. Strength development and reaction products in lime-montmorillonite-water systems, interim report [with list of references; by] W. C. Ormsby and E. B. Kinter. Sept. 1972. cover title, iii+35 p. il. 4° (Office of Research.)
- 31326 72-32. Effect of welding on fatigue life of high-strength reinforcing steel used in continuously reinforced concrete pavements, final report [with list of references; by] Thomas J. Pasko, jr. Nov. 1971. cover title, iv+28 p. il. 4° (Office of Research.)
- 31327 Road user and property taxes on selected motor vehicles, 1973; by Robert W. Sherrer. [1973.] iv+68 p. il. 4° \* Paper, 90c. (S/N 5002-00098). ● Item 982-G-5 TD 2.2: T 19/973

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

#### Land planning bulletin.

- 31328 6. Planned-unit development with homes association. [Revised 1973.] Apr. 1973. 1 cover title, 63 p. il. oblong 4° ([HUD-81-F (2).] [Table of contents on p. 2 of cover; text on p. 3 of cover.] \* Paper, \$1.00. ● Item 591-A  
HH 2.7: 6/4

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

Code of Federal regulations. [1973.] \* Paper, \$200.00 a year, \$50.00 additional for foreign mailing; single copies vary in price. ● Item 572.

- 31329 26. Internal revenue, pt. 1 (sec. 1.0-1-1.300), revised as of Apr. 1, 1973. vi+1071 p. [Containing codification of documents of general applicability and future effect as of Apr. 1, 1973, with ancillaries.] \* Paper, \$9.75.  
GS 4.108: 26/pt.1 (sec.1.0-1-1.300)/973
- 31330 29. Labor, pts. 0-499, revised as of July 1, 1973. vi+511 p. [Containing codification of documents of general applicability and future effect as of July 1, 1973, with ancillaries.] \* Paper, \$4.00. GS 4.108: 29/pt.0-499/973
- 31331 30. Mineral resources, revised as of July 1, 1973. vi+663 p. il. [Containing codification of documents of general applicability and future effect as of July 1, 1973, with ancillaries.] \* Paper, \$4.15. GS 4.108: 30/973
- 31332 32. National Defense, pts. 590-699, revised as of July 1, 1973. vi+239 p. [Containing codification of documents of general applicability and future effects as of July 1, 1973, with ancillaries.] \* Paper, \$2.05.  
GS 4.108: 32/pt.590-699/973
- 31333 32. National Defense, pts. 700-799, revised as of July 1, 1973. vi+795 p. [Containing codification of documents of general applicability and future effects as of July 1, 1973, with ancillaries.] \* Paper, \$5.90.  
GS 4.108: 32/pt.700-799/973
- 31334 32. National Defense, pt. 1600-end, revised as of July 1, 1973. vi+194 p. [Containing codification of documents of general applicability and future effects as of July 1, 1973, with ancillaries.] \* Paper, \$1.65.  
GS 4.108: 32/pt.1600-end/973
- 31335 32A. National Defense appendix, revised as of July 1, 1973. vi+358 p. [Containing codification of documents of general applicability and future effect as of July 1, 1973, with ancillaries.] \* Paper, \$2.80. GS 4.108: 32A/973
- 31336 35. Panama Canal, revised as of July 1, 1973. vi+443 p. il. [Containing codification of documents of general applicability and future effects as of July 1, 1973, with ancillaries.] \* Paper, \$3.40. GS 4.108: 35/973
- 31337 36. Parks, forests, and memorials, revised as of July 1, 1973. vi+305 p. [Containing codification of documents of general applicability and future effects as of July 1, 1973, with ancillaries.] \* Paper, \$2.50. GS 4.108: 36/973
- 31338 41. Public contracts and property management, chap. 19-100, revised as of July 1, 1973. vii+321 p. il. [Containing codification of documents of general applicability and future effects as of July 1, 1973, with ancillaries.] \* Paper, \$2.30. GS 4.108: 41/chap.19-100/973

◆For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

Page 43

## GOVERNMENT PUBLICATIONS

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

- 31339 Federal fiscal policy, 1965-72. [1973.] p. [383]-402 il. 4° [Reprinted from Federal reserve bulletin, June 1973.] † FR 1.3/a : F 52/3

### FEDERAL TRADE COMMISSION Washington, DC 25080

- 31340 Federal Trade Commission decisions, findings, opinions, and orders, v. 77, Jan. 1-Dec. 31, 1970. 1973. xi+1817 p. il. \* Cloth, \$9.50 (S/N 1800-0142).  
● Item 534 FT 1.11 : 77

### FLIGHT STANDARDS SERVICE, Transportation Dept. Washington, DC 20553

- 31341 Flight test guide: Private pilot, airplane [pt. 61 revised]. 1973. ix+40 p. narrow 16° ([Advisory circular AC 61-54.]) \* Paper, 45c. (S/N 5011-00063). ● Item 431-F-3 TD 4.408 : P 64/2/973

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

- 31342 We want you to know about diagnostic X rays. [1973.] [2] p. il. oblong, 8° folded into narrow 8° size ([DHEW publication (FDA) 73-8048.]) \* Paper, 20c. ● Item 475 HE 20.4002 : X 1
- 31343 We want you to know about labels on foods. [1973.] [6] p. il. narrow 8° † ● Item 475 HE 20.4002 : F 73/6
- 31344 We want you to know about labels on medicines. [1973.] [2] p. il. oblong 8° folded into narrow 8° size ([DHEW publication (FDA) 73-3028.]) \* Paper, 20c. (S/N 1712-00180). ● Item 475 HE 20.4002 : M 46/3
- 31345 We want you to know what we know about nutrition labels on food. [1973.] [6] p. il. narrow 8° ([DHEW publication (FDA) 73-2039.]) \* Paper, 20c. (S/N 1712-00179). ● Item 475 HE 20.4002 : N 95

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

- FNS (series). † ● Item 74-A-2 A 98.9 : (nos.)
- 31346 103. Alter destiny of your community. [July 1973.] [16] p. il. small 4° [Prepared in cooperation with United States Jaycees Center for improved child nutrition.]
- 31347 104. School food service financial management handbook for uniform accounting, complete system. July 1973. [274] p. il. 4° [Issued with perforations.]
- 31348 105. School food service financial management handbook for uniform accounting, simplified system. July 1973. [189] p. il. 4° [Issued with perforations.]

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

- [Foreign Agricultural Service miscellaneous], FAS M (series). A 67.26 : (nos.)
- 31349 201. Food and agricultural export directory/1973. May 1973. cover title, 81 p. 4° [Includes lists of export and business publications.] † Export Trade Services Division
- 31350 253. Production and trade prospects for Argentine oilseeds and their products [by John K. Lynam, William J. Mills, George E. Wanamaker]. Aug. 1973. cover title, 96 p. il. 4° † ● Item 76-G L.C. card 73-602807
- 31351 Foreign Agricultural Service special reports [list]. [Revised Aug. 1973.] [1973.] [1]+4 p. ([FAS/FMI.]) † A 67.33 : Sp 3/973

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

NOVEMBER 1973

FOREST SERVICE, Agriculture Dept.  
Washington, DC 20250

- 31352 American wood: Ash [with list of references; by Harold A. Stewart and John E. Krajccek]. Mar. 1973. 7 p. il. 4° (FS-216.) [Issued with perforations.] \* Paper, 25c. (S/N 0101-00321). ● Item 80-A  
A 13.31: As 3/973
- 31353 — Elm [with list of references; by Peter Y. S. Chen and Richard C. Schlesinger]. Mar. 1973. 7 p. il. 4° (FS-238). [Issued with perforations.] \* Paper, 20c. (S/N 0101-00322). ● Item 80-A  
A 13.31: El 6/973
- 31354 — Hackberry [with list of references; by Glendon W. Smalley]. Mar. 1973. 7 p. il. 4° (FS-238). [Issued with perforations.] \* Paper, 20c. (S/N 0101-00322). ● Item 80-A  
A 13.31: H 11/973
- 31355 — Oak [with list of references; by Glenn A. Cooper and Richard F. Watt]. Mar. 1973. [3]+9 p. il. 4° (FS-247). [Issued with perforations. Supersedes unnumbered publication Oak, issued 1959.] \* Paper, 25c. (S/N 0101-00323). ● Item 80-A  
A 13.31: Oa 4/973
- 31356 Forest Products Laboratory, list of publications of interest to architects, builders, engineers, and retail lumberman. Feb. 1973. 15 p. 4° (73-006.) † Director, Forest Products Laboratory, P.O. Box 5130, Madison, WI 53705  
A 13.27-7: Ar 2/973
- 31357 Forest Products Laboratory, list of publications on milling and utilization of timber products. Mar. 1973. 14 p. 4° (73-007.) † Director, Forest Products Laboratory, P.O. Box 5130, Madison, WI 53705  
A 13.27/7: M 62/973
- 31358 Forest Products Laboratory, list of publications relating to furniture manufacturers and woodworkers. Mar. 1973. 10 p. 4° (73-008.) † Director, Forest Products Laboratory, P.O. Box 5130, Madison, WI 53705  
A 13.27/7: F 98/973
- General technical report PNW (series). (Pacific Northwest and Range Experiment Station, Portland, Oreg.) †  
A 13.88: PNW-(nos.)
- 31359 PNW-2. Research opportunities and needs in taiga of Alaska [with list of references; by] Austin E. Helmers and Charles T. Cushwa. 1973. cover title, [1]+14 p. il. 4°
- 31360 PNW-6. Future role of chemicals in forestry [with list of literature cited; by] R. F. Tarrant, H. J. Gratkowski and W. E. Waters. 1973. cover title, [1]+10 p. 4° [Text on p. 2 of cover.]
- Research note NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.) †  
A 13.79: NE-(nos.)
- 31361 NE-163. Land clearing and wood use in Delaware, 1972; [by James T. Bones and Joseph E. Barnard]. 1973. 5 p. il. 4°
- 31362 NE-164. Predicators of job tenure in lumber-plywood mill [with list of literature cited; by Charles H. Wolf]. 1973. 4 p. il. 4°
- 31363 NE-165. Volume of selected hardwood species suitable for turnery bolts in Maine, 1970 [with one reference; by Neal P. Kingsley]. 1973. 5 p. il. 4°
- 31364 NE-166. Forest survey, cubic-foot volume equations [with list of references; by Joseph E. Barnard, C. Allen Bickford and Carl E. Mayer]. 1973. 2 p. 4°
- 31365 NE-170. Timber-harvest clearcutting and nutrients in Northeastern United States [with list of literature cited; by K. G. Reinhart]. 1973. 5 p. 4°
- Research note PNW-(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.) †  
A 13.79: PNW-(nos.)
- 31366 PNW-194. Tree growth and water use response to thinning in 47-year-old Lodgepole pine stand [with list of literature cited]; by Walter G. Dahms. Feb. 1973. 14 p. il. 4°
- 31367 PNW-195. First-year vegetation after fire, reseeding, and fertilization on Entiat Experimental Forest [with list of literature cited]; by Arthur R. Tiedemann and Glen O. Klock. Mar. 1973. 23 p. il. 4°
- 31368 PNW-197. Estimating Dunning's site index from plant indicators; by Colin D. MacLean and Charles L. Bolsinger. Mar. 1973. 10 p. il. 4°
- 31369 PNW-198. Total soil nitrogen analysis using micro-Kjeldahl digestion and portable distillation equipment [with list of literature cited]; by J. Michael Geist. Mar. 1973. 8 p. il. 4°

‡For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

Page 45

## GOVERNMENT PUBLICATIONS

- Research paper FPL-(series). (Forest Products Laboratory, Madison, Wis.)
- 31370 FPL-187. Stabilization of hard maple flooring with polyethylene glycol 1000 [with list of references]; [by Hiram Hallock and Erwin Bulgrin]. 1972. cover title, 8 p. il. 4° [Abstract cards inserted.] †  
A 13.78: FPL-187
- Research paper PNW-(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.) A 13.78: PNW-(nos.)
- 31371 PNW-151. New timber cruising grades for coast Douglas-fir; [by] Paul H. Lane [and others]. 1973. cover title, 12+[1] p. il. 4° [Tables of contents on p. 2 of cover.]
- 31372 PNW-152. Estimating productivity on sites with low stocking capacity [with list of literature cited; by] Colin D. MacLean and Charles L. Bolsinger. 1973. cover title, [1]+18+[1] p. il. 4°
- Research paper RM-(series). (Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colo.) † A 13.78: RM-(nos.)
- 31373 RM-103. Interpretation of trend in range condition from 3-step data [with list of literature cited]; by Jack N. Reppert, and Richard E. Francis. Mar. 1973. [2]+15+[1] p. il. 4° [Abstract on p. 2 of cover.]
- 31374 RM-106. Control of dwarf mistletoe in a heavily used ponderosa pine recreation forest, Grand Canyon, Ariz. [with list of references]; by Paul C. Lightle and Frank G. Hawksworth. Apr. 1973. iii+22+[1] p. il. 4°
- Resource bulletin PNW-(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.)
- 31375 PNW-44. Logging residue, volume and characteristics; [by] James O. Howard. 1973. cover title, [2]+[1] p. il. 4° † A 13.80: PNW-44

### GENERAL ACCOUNTING OFFICE Washington, DC 20548

- 31376 Federal financial management directory, 1973, joint financial management improvement program. 1973. [6]+90 p. \* Paper, 70c. ● Item 546-B L.C. card 73-602641 GA 1.12/2: 973
- Report to Congress; by Comptroller General of United States. † Paper, each, \$1.00 (Free to Members of Congress, Congressional committee staff members, Government officials, the press, college libraries, faculty and students. Requests to the General Accounting Office (Room 6417) for copies of reports to Congress should give full title, date, and B-number of the report. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers. Orders should be accompanied by check or money order. Do not send cash, postage stamps, or Superintendent of Documents coupons.)
- 31377 Army reorganization for 1970s, assessment of planning, Department of Army. Aug. 13, 1973. cover title, [5]+87 p. il. 4° (B-172707.) GA 1.13: Ar 5/18  
L.C. card 73-602463
- 31378 Audit of payments from special bank account to Lockheed Aircraft Corporation for C-5A Aircraft program during quarter ended June 30, 1973. Aug. 10, 1973. cover title, 4+[1] leaves. (B-162578.) GA 1.13: L 81/2/973-4  
L.C. card 73-602444
- 31379 Bull and charter program for 9 tanker ships, Military Sealift Command, Department of Navy. Aug. 15, 1973. cover title, [4]+43 p. il. 4° (B-174839.) GA 1.13: T 15/7  
L.C. card 73-602573
- 31380 Implementation of Emergency loan guarantee act, Lockheed Aircraft Corporation, Emergency Loan Guarantee Board. Aug. 13, 1973. cover title, 5 p. il. 4° (B-169300.) GA 1.13: Em 3/2
- 31381 Improvement needed in administration of program to provide Medicare benefits for welfare recipients, Department of Health, Education, and Welfare. Aug. 14, 1973. cover title, [4]+31 p. (B-164031 (3).) GA 1.13: M 46/24  
L.C. card 73-602576
- 31382 More needs to be done to reduce number and adverse impact of illegal aliens in United States, Immigration and Naturalization Service, Department of Justice. July 31, 1973. cover title, [4]+76 p. il. 4° (B-125051.) GA 1.13: A1 4  
L.C. card 73-602487
- 31383 Outlook for production on Navy's LHA and DD-963 shipbuilding programs, Department of Navy. July 26, 1973. cover title, [5]+29 p. il. 4° (B-163058.) GA 1.13: Sh 6/17  
L.C. card 73-602486
- 31384 U.S. assistance for economic development of Republic of Korea. July 12, 1973. cover title, [4]+100 p. il. 4° (B-164264.) GA 1.13: K 84/4  
L.C. card 73-602225

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

## NOVEMBER 1973

- 31385 Use of formal advertising for government procurement can, and should, be improved, Department of Defense, General Services Administration, Tennessee Valley Authority, Aug. 14, 1973. cover title, [4]+74 p. 4° (B-176418.)  
L.C. card 73-602446 GA 1.13: P 94/17
- 31386 Ways to improve records management practices in Federal Government, National Archives and Records Service, Aug. 13, 1973. cover title, [5]+42 p. 1l. 4° (B-146743.)  
L.C. card 73-602572 GA 1.13: R 24/10
- 31387 Report to Joint Committee on Internal Revenue Taxation, Congress of United States: Collection of taxpayers' delinquent accounts by Internal Revenue Service, Department of Treasury; by Comptroller General of United States, Aug. 9, 1973. cover title, [5]+62 p. 4° (B-137762.)  
† Paper, \$1.00 (free to Members of Congress, Congressional committee members, staff members, Government officials, the press, college libraries, faculty and students).  
L.C. card 73-602645 GA 1.13: Ac 2/15
- 31388 Report to Subcommittee on Employment, Poverty, and Migratory Labor, Committee on Public Welfare, Senate: Public employment programs in selected rural and urban areas, Department of Labor; by Comptroller General of United States, Aug. 1, 1973. cover title, [3]+47 p. 4° (B-163922.)  
† Paper, each \$1.00 (free to Members of Congress, Congressional committee members, staff members, Government officials, the press, college libraries, faculty and students).  
L.C. card 73-602506 GA 1.13: Em 7/11
- 31389 Standards for audit of Governmental organizations, programs, activities & functions; by Comptroller General of United States, 1972; [published 1973.] cover title, ii+[1]+54 p. † ● Item 545-A  
L.C. card 73-602812 GA 1.14: Au 2
- 31390 Work with GAO for more effective government. [1973.] cover title, [24] p. 1l. 4° †  
GA 1.2: G 28/973

### GEOGRAPHIC NAMES BOARD, Interior Dept. Washington, DC 20240

Gazetteers. † Defense Mapping Agency Topographic Center, 6500 Brooks Lane, Washington, D.C. 20315, Attn: Geographic Names Division, 50400.  
● Item 617

- 31391 Haiti, official standard names approved by U.S. Board of Geographic Names; prepared by Defense Mapping Agency Topographic Center, 2d edition, May 1973. [2]+iv+211 p. 1l. oblong 8°
- 31392 Libya, official standard names approved by United States Board on Geographic Names [prepared by Defense Mapping Agency Topographic Center.] 2d ed. May 1973. [2]+xv+746 p. 1l. oblong 8°  
L.C. card 73-602635 I 33.8 L 61

### GEOLOGICAL SURVEY, Interior Dept. Washington, DC 20242

- 31393 Announcing . . . popular publications of Geological Survey. [1973.] [2] p. 1l. 4° folded into oblong 48° size (INF-73-5.) † I 19.2: P 96/6  
Bulletin.
- 31394 1372-J. Strategic terminology of Dakota sandstone and Mancos shale, west-central New Mexico [with selected bibliography]; by E. R. Landis, C. H. Dane, and W. A. Cobban. 1973. ii+44+[3] p. 1l. [Study of generally transgressive rock sequence at base of Cretaceous System—4 new rock units are described. Contributions to stratigraphy. Includes title page and table of contents to Bulletin 1372.] \* Paper, 45c. (S/N 2401-00364.) ● Item 620  
L.C. card 73-600171 I 19.3: 1372-J

☐For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

Page 47

## GOVERNMENT PUBLICATIONS

- 31395 EROS [Earth Resources Observation Systems] Data Center, its design and construction. [1973.] cover title, 12 p. il. † I 19.2: Er 7/973-2
- 31396 Water resources data for California, 1971: pt. 2, Water quality records [with list of selected references]. [1973.] xii+512 p. il. 4° [Prepared in cooperation with California Department of Water Resources, and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Society, 855 Oak Grove Ave., Menlo Park, CA 94025  
I 19.53/2: C 12/971/pt.2
- 31397 Water resources data for Florida, 1971: pt. 1, Surface water records, v. 2, Streams—southern Florida. Lake Okeechobee and Everglades. [1973.] [1]+vii+234 p. il. 4° [Prepared in cooperation with State of Florida and with other agencies.] † District Chief, Water Resources Division, Geological Survey, 903 West Tennessee St., Tallahassee, FL 32304  
I 19.53/2: F 66/971/pt.1/v.2
- 31398 Water resources data for Idaho, 1971: pt. 1, Surface water records. [1973.] ix+301 p. 4° [Prepared in cooperation with State of Idaho and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, P.O. Box 036, Federal Building, 550 West Fort Street, Boise, ID 83702  
I 19.53/2: Id 1/971/pt.1
- 31399 Water resources data for Kansas, 1971: pt. 2, Water quality records [with list of selected references]. [1972.] v+140 p. il. 4° [Prepared in cooperation with State of Kansas and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 1950 Avenue A, Campus West, Lawrence, KS 66044  
I 19.53/2: K 13/971/pt.2
- Water-supply papers. ● Item 625 I 19.13: (nos.)
- 31400 2026. Characteristics of water quality and streamflow, Passaic River basin above Little Falls, N.J. [with list of references]; by Peter W. Anderson and Samuel D. Faust. 1973. v+80 p. il. [Prepared in cooperation with State of New Jersey, Department of Environmental Protection, and Passaic Valley Water Commission.] \* Paper, 70c. (S/N 2401-02371).  
L.C. card 73-600304
- 31401 2090. Ground-water levels in United States, 1967-71, North-Central States [with lists of references; prepared by personnel of Water Resources Division]. 1973. v+114 p. il. [Prepared in cooperation with States of Iowa, Kansas, Minnesota, Nebraska, North Dakota, South Dakota, and Wisconsin, and with other agencies.] \* Paper, 80c. (S/N 2401-00324).  
L.C. card GS 60-161
- 31402 2092. Quality of surface waters of United States, 1968: pt. 2, South Atlantic slope and eastern Gulf of Mexico basins [with list of literature cited; prepared by personnel of Water Resources Division]. 1973. x+373 p. il. [Prepared in cooperation with States of Alabama, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Virginia, and other agencies.] \* Paper, \$2.35 (S/N 2401-02385).  
L.C. card GS 43-68
- 31403 2093. Quality of surface waters of United States, 1968: pt. 3, Ohio River Basin [with list of literature cited; prepared by personnel of Water Resources Division]. 1973. x+309 p. il. [Prepared in cooperation with States of Alabama, Illinois, Indiana, Kentucky, Maryland, New York, North Carolina, Ohio, Pennsylvania, Tennessee, Virginia, West Virginia, and with other agencies.] \* Paper, \$2.10 (S/N 2401-02384).  
L.C. card GS 43-68
- 31404 2094. Quality of surface waters of United States, 1968: pt. 4 and 5, St. Lawrence River basin, and Hudson Bay and Upper Mississippi River basins [with list of literature cited; prepared by personnel of Water Resources Division]. 1973. x+293 p. il. [Prepared in cooperation with States of Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, New York, Ohio, South Dakota, Wisconsin, and with other agencies.] \* Paper, \$2.10 (S/N 2401-02380).  
L.C. card GS 43-68
- 31405 2110. Surface water supply of United States, 1966-70: pt. 3, Ohio River basin, v. 4, Ohio River basin below Wabash River; [prepared by personnel of Water Resources Division]. 1973. ix+806 p. [Prepared in cooperation with States of Alabama, Georgia, Illinois, Kentucky, North Carolina, Tennessee, and Virginia, and with other agencies.] \* Paper, \$3.70 (S/N 2401-02386).  
L.C. card GS 46-40712
- 31406 2125. Surface water supply of United States, 1966-70: pt. 9, Colorado River basin, v. 2, Colorado River basin from Green River to Compact Point; [prepared by personnel of Water Resources Division]. 1973. viii+634 p. il. [Prepared in cooperation with Arizona, Colorado, New Mexico, Utah, and Wyoming, and with other agencies.] \* Paper, \$3.20 (S/N 2401-02381).

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Not Available for Sale or Distribution



NOVEMBER 1973

HEALTH, EDUCATION, AND WELFARE DEPARTMENT  
Washington, D.C. 20201

- 31407 Typical poisonous plants; [prepared by Heber W. Youngken, jr. and Joseph S. Karas]. [1973.] cover title, ii+23 p. il. [Illustrations are colored.] \* Paper, 60c. (S/N 1712-00177). ● Item 445 HE 1.2: P 75/5

HEALTH MAINTENANCE ORGANIZATION SERVICE  
Health, Education, and Welfare Dept.  
Bethesda, MD 20014

- 31408 Selected papers on consumerism in HMO movement [with bibliographies]; compiled by Office of Consumer Education and Information. July 1973. [4]+109 p. 4° (DHEW publication HSM 73-13012.) \* Paper, \$1.35. ● Item 483-H-1  
L.C. card 73-602401 HE 20.2052: C 76

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

- 31409 Research on nurse staffing in hospitals, report of Conference conducted by Division of Nursing [papers, with lists of references]; Eugene Levine, scientific editor. [March 1973.] xi+187 p. il. 4° (DHEW publication (NIH) 73-434.) \* Paper, \$2.35 (S/N 1741-00055.) ● Item 507-D-1  
L.C. card 73-602809 HE 20.3102: N 93/27

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

- 31410 Spanish-language health communications teaching aids, list of printed materials and their sources; [compiled by Robert N. Isquith and Charles T. Webb]. Reprinted Jan. 1973. vii+55 p. (DHEW publication (HSM) 73-19; Office of Communications and Public Affairs.) † ● Item 483-T-4 (Special offer) HE 20.2012/2: Sp 2

HOUSING AND URBAN DEVELOPMENT DEPARTMENT  
Washington, DC 20410

- 31411 Abandoned housing research, compendium [with bibliography on abandoned housing.] [1973.] 87 p. il. 4° \* Paper, \$1.00. ● Item 582  
L.C. card 73-602566 HH 1.2: Ab 1
- 31412 Better communities act, cities speak, summary of reports of municipal executives participating in seven regional conferences; [by] Richard E. Hage. Apr. 1973. [1]+iv+13 p. 4° (National League of Cities and United States Conference of Mayors.) † National League of Cities and United States Conference of Mayors, 1620 Eye St. N.W., Washington, DC 20006 HH 1.2: C 49/3
- 31413 Community development: v. 2, no. 1, Jan.-Feb. 1973 [prepared by Community Development service]. [1973.] 16 p. il. 4° [Prepared in Cooperation with National Model Cities Directors Association.] † National League of Cities-U.S. Conference of Mayors 1612 K St. N.W. Washington, DC 20006 HH 1.46/2: 2/1
- Community development evaluation series.
- 31414 15. Local government approaches to capacity building. May 1973. [1]+111+87 p. 4° ([HUD-CDES-15.]) \* Paper, \$1.25 (S/N 2300-00223). ● Item 581-E-5 HH 1.46: 15
- 31415 Facts about relocation of business concerns, farm operations, and nonprofit organizations. [Apr. 1973.] [2] p. il. 4° ([HUD-32-CPM.]) † HH 1.2: B 96

☐For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

Page 49

## GOVERNMENT PUBLICATIONS

- 31416 Facts about relocation of families and individuals. [Apr. 1973.] [2] p. il. 4°  
([HUD-347-CPM.]) † HH 1.2: F 21/2
- 31417 Federal agency contacts for natural disaster. June 1973. cover title, [2]  
+48 leaves, 4° (Federal Disaster Assistance Administration.) †  
HH 1.2: D 63/2
- HUD handbooks. [Issued with perforations.] † HH 1.6/6: (nos.)
- 31418 335.3. Assessment/placement profile (APP) system, [Apr. 1972]. Change.  
[July 2, 1973.] [14] p. 4° [Includes transmittal notice.]
- 31419 771.2 REV. Employee grievances handbook. [Revised edition.] June 1973. [3]  
+11+25 p. 4° (HUD Staff.) [Includes transmittal circular,  
June 30, 1973.]
- 31420 771.3 REV. Adverse actions and appeals handbook. [Revised edition.] June  
1973. [41] p. 4° (HUD staff.) [Includes transmittal circular,  
June 29, 1973.]
- 31421 1900.19. Financial aspects of administration of grants-in-aid to State and  
local governments. June 1973. [22] p. 4° (HUD Staff.) [In-  
cludes transmittal notice, June 30, 1973.]
- 31422 2140.5 REV. Departmental time and cost reporting system regional and field  
office instructions, [Nov. 1972.], Change. [June 27, 1973.] [31]  
p. 4° [Includes transmittal notice.]
- 31423 2240.2 REV. Mail management, postage accountability. [Revised edition.]  
July 1973. [18] p. 4° [Includes transmittal notice, July 15,  
1973.]
- 31424 4050.1. Records control handbook, Jan. 1973, Change, July 3, 1973. [2]  
+14 p. 4° (Housing Production and Mortgage Credit.) [In-  
cludes transmittal notice.]
- 31425 4110.1. Fiscal and ADP handbook [revised as of July 1972], Change.  
[July 20, 1973.] [20] p. il. 4° [Includes transmittal notice.]
- 31426 4140.3. Land planning data sheet handbook, Change, June 19, 1973. [1]  
+1+16+14 p. 4° [Includes transmittal circular.]
- 31427 4325.1. Property disposition handbook, reconditioning acquired properties,  
June 1972, Chapter 4, rev. [June 20, 1973.] [12] p. 4° (Hous-  
ing Management.) [Includes transmittal notice.]
- 31428 4510.1. Rental and cooperative housing for lower-income families, sec.  
236, Basic instructions. June 1973. [203] p. 4° (Program par-  
ticipants and HUD Staff, Housing Production and Mortgage  
Credit-Federal Housing Administration.) [Includes transmittal  
circular, June 4, 1973.]
- 31429 4700.1. Title 1, Property improvement loan operating handbook. June 1973.  
[106] p. 4° (Program participants and HUD Staff; Housing  
Production and Mortgage Credit-Federal Housing Administra-  
tion.) [Includes transmittal circular June 8, 1973.]
- 31430 4940.5. Minimum design standards for mobile home parks. June 1973. [51]  
p. 4° (Program participants and HUD Staff; Housing Produc-  
tion and Mortgage Credit-Federal Housing Administration.) [In-  
cludes transmittal circular, June 18, 1973.]
- 31431 6042.1. REV. Comprehensive planning assistance managing grant, handbook 2.  
[Revised edition.] July 1973. [82] p. 4° (Community Planning  
and Management.) [Includes transmittal circular, July 1, 1973.]
- 31432 7217.1, 7222.1. Urban renewal handbook transmittal. June 27, 1973. [16] p. 4°  
(Community Development.) [Includes transmittal notice 104.]
- 31433 8010.2 REV. Equal opportunity complaint and compliance review reporting and  
control procedure. [Revised edition.] July 1973. [3]+1+24 p. 4°  
[Includes transmittal notice.]
- 31434 8030.2 REV. Implementation of affirmative fair housing marketing regulations.  
[Revised edition.] June 1973. [40] p. 4° [Includes trans-  
mittal circular, June 30, 1973.] †
- 31435 HM 7215.1. Urban renewal handbook transmittal. [July 13, 1973.] [3]+5 p. 4°  
(Housing Management.) [Includes transmittal notice 105.]
- 31436 IG 7217.1. Audit guide for urban renewal program for use by independent  
public accountants. June 1973. [53] p. 4° (Office of Inspector  
General.) [Includes transmittal notice, June 27, 1973.]
- 31437 Model cities program, comparative analysis of city response patterns and  
their relation to future urban policy. [1973.] 90 p. il. 4° (Office of Com-  
munity Development, Evaluation Division.) \* Paper, \$1.25 (S/N 2300-  
00240). ● Item 582 HH 1.2: M 72/8
- 31438 Programa de HUD-FHA para la compra de casas movibles. May 1973. 1 p.  
(HUD-113-F.) † HH 1.2: M 71/3
- 31439 Prospects for the past, study of notable architecture, Sheboygan renewal  
area—1972, Sheboygan, Wis. [1973.] 35 p. il. oblong 8° \* Paper, 65c.  
(S/N 2300-00218). ● Item 582  
L.C. card 73-602826 HH 1.2: Sh 3/972

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

NOVEMBER 1973

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

- 31440 Federal textbook on citizenship: Home study course, English and State Government [sec. 3, for student]. Revised 1973. [1973.] v+121 p. il. 4° (M-45.) \* Paper, \$1.25 (S/N 2702-00137). ● Item 724  
J 21.9: En 3/sec.3/973
- 31441 — Our Constitution and Government, lessons on Constitution and Government of United States for use in public schools by candidates for citizenship; prepared by Catheryn Seckler-Hudson. Revised 1973. [1973.] viii+400 p. il. map. (M-7.) [Includes Declaration of Independence and Constitution of United States.] \* Paper, \$2.85 (S/N 2702-00131)  
● Item 724  
J 21.9: C 76/973
- 31442 — Our Constitution and Government, lessons on Constitution and Government of United States for use in public schools by candidates for citizenship, simplified edition; prepared by John G. Hervey. Revised 1973. [1973.] iv+232 p. il. map. (M-8.) [Includes Declaration of Independence and Constitution of United States. Original edition prepared by Catheryn Seckler-Hudson.] \* Paper, \$2.35 (S/N 2702-00132).  
● Item 724  
J 21.9: C 76/2/973

INDIAN AFFAIRS BUREAU, Interior Dept.  
Washington, DC 20240

- 31443 Governing bodies of federally recognized Indian groups [excluding Alaska]. [May 1973.] [2]+33 p. il. †  
I 20.2: G 74/4/973
- 31444 Indians: Alaska natives [with suggested reading list]. [Aug. 1966.] 4 p. 4° †  
I 20.51/2: A1 1
- 31445 — Algonquians [with suggested reading list]. [Nov. 1969.] 4 p. 4° †  
I 20.51/2: A1 3
- 31446 — Apaches [with suggested reading list]. [Feb. 1966.] 4 p. 4° †  
I 20.51/2: Ap 1
- 31447 — Arapahos [with suggested reading list]. [Aug. 1966.] 3 p. 4° †  
I 20.51/2: Ar 1
- 31448 — Blackfeet [with suggested reading list]. [Aug. 1966.] 4 p. 4° †  
I 20.51/2: B 56
- 31449 — Books on Indian history, problems, and Indians' relationship to Federal Government. [Mar. 1973.] 4 p. 4° †  
I 20.51/2: B 64
- 31450 — California tribes [with suggested reading list]. [Sept. 1967.] 4 p. 4° †  
I 20.51/2: C 12
- 31451 — Cherokees [with suggested reading list]. [Feb. 1973.] 4 p. 4° †  
I 20.51/2: C 42
- 31452 — Cheyennes [with suggested reading list]. [May 1966.] 4 p. 4° †  
I 20.51/2: C 42/2
- 31453 — Chippewas [with suggested reading list]. [Aug. 1966.] 4 p. 4° †  
I 20.51/2: C 44
- 31454 — Choctaws [with suggested reading list]. [Aug. 1966.] 3 p. 4° †  
I 20.51/2: C 45
- 31455 — Comanches [with suggested reading list]. [Aug. 1972.] 4 p. 4° †  
I 20.51/2: C 73
- 31456 — Creeks [with suggested reading list]. [1973.] 3 p. 4° †  
I 20.51/2: C 86
- 31457 — Crows [with suggested reading list]. [July 1966.] 4 p. 4° †  
I 20.51/2: C 88
- 31458 — Hopi [with suggested reading list]. [1973.] 5 p. 4° † I 20.51/2: H 77

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

Page 51

## GOVERNMENT PUBLICATIONS

- 31459 Indians: Hualapais and Havasupais [with suggested reading list]. [1973.]  
2 p. 4° † I 20.51/2: H 87
- 31460 — Iroquois League [with suggested reading list]. [Apr. 1973.] 4 p. 4° †  
I 20.51/2: Ir 6
- 31461 — Kiowas [with suggested reading list]. [Aug. 1966.] 4 p. 4° †  
I 20.51/2: K 62
- 31462 — Languages [with suggested reading lists]. [Apr. 1973.] 8 p. 4° †  
I 20.51/2: L 26
- 31463 — Legends and myths [with suggested reading list]. [Jan. 1969.] 4+[1]  
p. 4° † ● Item 627 I 20.51/2: L 52
- 31464 — Modoc [with suggested reading list]. [Aug. 1972.] [3] p. 4° †  
I 20.51/2: M 72
- 31465 — Music [with suggested reading list]. [Feb. 1973.] [3] p. 4° †  
I 20.51/2: M 97
- 31466 — Navajos [with suggested reading list]. [July 1966.] 4 p. 4° †  
I 20.51/2: N 22
- 31467 — Nez Percés [with suggested reading list]. [1973.] 3 p. 4° †  
I 20.51/2: N 49
- 31468 — Origin [with suggested reading list]. [Apr. 1973.] 4 p. 4° †  
I 20.51/2: Or 4
- 31469 — Osage [with suggested reading list]. [1973.] 3 p. 4° †  
I 20.51/2: Os 1
- 31470 — Paiutes [with suggested reading list]. [1973.] 3 p. 4° /  
I 20.51/2: P 16
- 31471 — Pawnees [with suggested reading list]. [July 1966.] 4 p. 4° †  
I 20.51/2: P 28
- 31472 — Pueblos [with suggested reading list]. [Nov. 1969.] 7 p. 4° †  
I 20.51/2: P 96
- 31473 — References for young students. [Jan. 1973.] 12+[1] p. 4° †  
I 20.51/2: R 25
- 31474 — Sacs and Foxes [with suggested reading list]. [Aug. 1966.] 4 p. 4° †  
I 20.51/2: Sa 1
- 31475 — Seminoles [with suggested reading list]. [Aug. 1972.] 4 p. 4° †  
I 20.51/2: Se 5
- 31476 — Shawnees [with suggested reading list]. [1973.] 3 p. 4° †  
I 20.51/2: Sh 2
- 31477 — Shoshoni [with suggested reading list]. [May 1971.] 3 p. 4° †  
I 20.51/2: Sh 8
- 31478 — Sioux (Dakota) [with suggested reading list]. [June 1966.] 5 leaves  
4° † I 20.51/2: Si 7
- 31479 — Utes [with suggested reading list]. [1973.] 3 p. 4° † I 20.51/2: Ut 2
- 31480 — Virginia and Potomac area [suggested reading list]. [June 1966.]  
[2] p. 4° † I 20.51/2: V 81
- 31481 — Wars and local disturbances [with suggested reading list]. [Oct.  
1963.] 15 p. 4° † I 20.51/2: W 26
- 31482 — Winnebagos [with suggested reading list]. [Jan. 1967.] 4 p. 4° †  
I 20.51/2: W 73
- 31483 — Zunis [with suggested reading list]. [Oct. 1967.] 4 p. 4° †  
I 20.51/2: Z 8

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Not Available for Sale or Distribution

## NOVEMBER 1973

- Missouri River Basin investigations project report.
- 31484 198. Fort Belknap Reservation area, its resources & development potential. Feb. 1972. ix+184 p. il. 4° †  
L.C. card 73-600503 I 20.52: 198
- Planning Support Group, Billings, Mont.: Reports. (Office of Planning.)  
† I 20.52: (nos.)
- 31485 204. Sisseton Reservation area, its resources & Development potential. Nov. 1972. vii leaves+143 p. il. 4° [Prepared in cooperation with Aberdeen Area Office and Sisseton Agency. Some illustrations are colored.]
- 31486 208. Approach to planning for Miccosukee Tribe of Indians of Florida. Mar. 1973. iii leaves+19 p. 4° [Prepared in cooperation with Miccosukee Tribe of Indians, Fla.]
- 31487 Spokane Indian Reservation, forest inventory analysis. June 1972. cover title, [1]+ii+134 p. il. map, 4° (Indian Forestry Center, Denver, Colo.)  
† I 20.2: Sp 6/2
- 31488 Statistics concerning Indian education, fiscal year 1972. [Haskell Press, Feb. 1973.] [6]+35 p. il. 12° ([1972 statistical pamphlet]; Office of Education Programs.) † Publications Service, Haskell Indian Junior College, Lawrence, Kans. 66044 I 20.46: 972
- 31489 You asked about helping Indians. [Apr. 1973.] 4 leaves, 4° †  
I 20.2: In 2/30
- 31490 You asked about Indian museums. [June 1971.] [2] p. 4° †  
I 20.2: M 97/3
- 31491 You asked about pictures of Indians. Jan. 1973. 1 p. 4° † I 20.2: P 58
- 31492 You asked about tribal claims against the United States. [Apr. 1973.] [2] p. 4° †  
I 20.2: C 52

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

DoD pamphlet.

- 31493 PA-11. Survivor benefit plan for retired members of uniformed services. [1973.] [2]+22 p. il. narrow 8° ([Army Dept.] DA Pam 360-539; [Navy Dept.] NAVTRA 4605; [Air Force Dept.] 35-23; [Marine Corps] NAVMC 2646; [Coast Guard] CG 442; PHS-CCPM Pam 13.) \* Paper, 25c. ● Item 312-A D 2.14: PA-11

### INTERIOR DEPARTMENT Washington, DC 20240

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

- 31494 Catalog of research projects by OSW research contractors and grantees. Feb. 1973. [68] p. il. 4° (Office of Saline Water.) \* Paper, 90c. (S/N 2400-00774). ● Item 604-A-3 I 1.88/2: 973
- 31495 Final environmental statement for prototype oil-shale leasing program. 1973. [Prepared in compliance with sec. 102(2)(c) of National Environmental Policy Act of 1969.] ● Item 603  
v. 6. Public hearings held during review process. [463] p. 4° \* Paper, \$4.20. (S/N 2400-00777). I 1.2: O1 5/4/v.6
- 31496 List of coal waste banks; by Department of Interior Task Force to Study Coal Waste Hazards. June 15, 1972. [4]+288 leaves, 4° [Supersedes Listing, May 1, 1972.] † I 1.2: C 63/3
- 31497 Mining and minerals policy, 1973, 2d annual report of Secretary of Interior under Mining and minerals policy act of 1970 (P.L. 91-631). June 1973. vi+73 p. il. 4° \* Paper, \$1.25. ● Item 603-F I 1.96/3: 973
- 31498 Questions and policy issues related to oversight hearings on administration of Outer Continental Shelf lands act to be held by Senate Committee on Interior and Insular Affairs, pursuant to S. Res. 45, Mar. 23, 1972. [1973.] cover title, [252] leaves, 4° [Issues not covered relate to lease bidding policy alternatives and possibilities for States revenue sharing.] † I 1.2: O 76/7

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

## GOVERNMENT PUBLICATIONS

- 31499 Remarks by Stephen A. Wakefield, Assistant Secretary, Energy & Minerals, Department of Interior, before 26th Annual New England Symposium of Public Utilities Commissioners, Newport, Rhode Island, July 9, 1973. [1973.] 7 leaves, 4° † I.168: W 13

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

- 31500 Withholding of tax on nonresident aliens and foreign corporations, 1973 edition. [Revised Apr. 1973.] [1973.] 26 p. 4° (Publication 515.) \* Paper, 40c. ● Item 964-B T 22.44/2: 515/5

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

Foreign economic trends and their implications for United States, ET (series). \* Paper, \$27.00 a yr., \$6.75 additional for foreign mailing. C 57.111: (nos.) ● Item 231-I

- 31501 73-064. Nigeria. June 8, 1973. 10 p. 4° (American Embassy, Lagos.) [Semi-annual. Supersedes ET 72-139.] \* Paper, 25c.
- 31502 73-065. Japan. June 5, 1973. 11 p. 4° (American Embassy, Tokyo.) [Semi-annual. Supersedes ET 73-002.]
- 31503 73-066. South Africa. June 8, 1973. 12 p. 4° (American Embassy, Pretoria.) [Semiannual. Supersedes ET 72-137.] \* Paper, 25c.
- 31504 73-067. Luxembourg. June 12, 1973. 10 p. 4° (American Embassy, Luxembourg.) [Annual. Supersedes ET 72-046.] \* Paper, 25c.
- 31505 73-068. Jordan. June 3, 1973. 11 p. 4° (American Embassy, Amman.) [Annual. Supersedes FET 72-067.] \* Paper, 25c.
- 31506 73-069. Angola. June 20, 1973. 10 p. 4° (American Embassy, Luanda.) [Annual. Supersedes ET 72-095.]
- 31507 73-070. Spain. June 20, 1973. 15 p. 4° (American Embassy, Madrid.) [Semi-annual. Supersedes ET 72-133.]
- 31508 73-071. Cyprus. June 22, 1973. 18 p. 4° (American Embassy, Nicosia.) [Annual. Supersedes ET 72-050.]
- 31509 73-072. Chile. June 6, 1973. 7 p. 4° (American Embassy, Santiago.) [Semi-annual. Supersedes ET 73-006.]
- 31510 73-077. Surinam. July 8, 1973. 8 p. 4° (American Consulate General, Paramaribo.) [Annual. Supersedes ET 72-014.]
- 31511 73-084. Guyana. July 15, 1973. 9 p. 4° (American Embassy, Georgetown.) [Annual. Supersedes ET 70-63.] \* Paper, 25c.
- 31512 73-086. United Kingdom. July 27, 1973. 13 p. 4° [Semlannual. Supersedes ET 73-015.] \* Paper, 25c.
- 31513 73-087. Denmark. July 16, 1973. 8 p. 4° (American Embassy, Copenhagen.) [Semiannual. Supersedes ET 73-010.]
- 31514 73-088. Republic of China. Aug. 2, 1973. 16 p. 4° (American Embassy, Taipei.) [Semlannual. Supersedes ET 73-021.]

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

- 31515 National Institutes of Health annual report of international activities, fiscal year 1972. [1973.] v+55 p. 4° (DHEW publication (NIH) 74-62.) \* Paper, 85c. ● Item 507-C-4 HE 20.3701/2: 972

### JOINT PUBLICATIONS RESEARCH SERVICE 1000 N. Glebe Rd., Arlington, VA 22201

NOTE.—When ordering Joint Publications Research Service publications from the National Technical Information Service, give the JPRS number in the order. 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.

Titles of JPRS serial reports listed below were issued during the month, but were not cataloged separately. † (Price upon application).

- 31516-1. Meteorology and hydrology, USSR, no. 6, (1973); JPRS 59962.
- 31516-2. People's Republic of China scientific abstracts, no. 71; JPRS 59874.
- 31516-3. Translations from Kommunist, no. 10 (1973); JPRS 59918.
- 31516-4. Translations on Africa, nos. 1353-1364; JPRS 59796, 59830, 59838, 59859, 59890, 59899, 59912, 59923, 59929, 59959, 59972, 59977.
- 31516-5. Translations on Eastern Europe; Economic and industrial affairs, nos. 941-956; JPRS 59794, 59809, 59827, 59837, 59843, 59860, 59868, 59894, 59902, 59911, 59919, 59934, 59955, 59969, 59978, 59990.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Not Available for Sale or Distribution

## NOVEMBER 1973

- 31516-6. Translations on Eastern Europe: Political, sociological, and military affairs, nos. 761-774; JPRS 59795, 59808, 59828, 59844, 59857, 59866, 59878, 59893, 59900, 59924, 59946, 59965, 59980, 59988.
- 31516-7. Translations on Eastern Europe: Scientific affairs, nos. 348-353; JPRS 59805, 59825, 59871, 59901, 59928, 59970.
- 31516-8. Translations on Latin America, nos. 973-984; JPRS 59810, 59834, 59858, 59867, 59887, 59897, 59915, 59921, 59930, 59943, 59967, 59982.
- 31516-9. Translations on narcotics and dangerous drugs, nos. 110-114; JPRS 59815, 59845, 59905, 59947, 59958.
- 31516-10. Translations on Near East, nos. 1006-1022; JPRS 59797, 59811, 59822, 59833, 59851, 59862, 59870, 59879, 59889, 59898, 59907, 59925, 59940, 59953, 59966, 59973, 59987.
- 31516-11. Translations on North Korea, nos. 308-310; JPRS 59888, 59916, 59991.
- 31516-12. Translations on North Vietnam, nos. 1433-1443; JPRS 59799, 59828, 59842, 59855, 59865, 59904, 59920, 59931, 59941, 59964, 59975.
- 31516-13. Translations on People's Republic of China, nos. 235-237; JPRS 59840, 59938, 59971.
- 31516-14. Translations on south and east Asia, nos. 424-427; JPRS 59801, 59917, 59936, 59989.
- 31516-15. Translations on USSR agriculture, nos. 682-689; JPRS 59807, 59835, 59846, 59881, 59891, 59913, 59944, 59974.
- 31516-16. Translations on USSR economic affairs, nos. 498-499; JPRS 59823, 59933.
- 31516-17. Translations on USSR industrial affairs, nos. 258-261; JPRS 59791, 59847, 59926, 59957.
- 31516-18. Translations on USSR military affairs, nos. 947-955; JPRS 59798, 59806, 59824, 59850, 59909, 59937, 59945, 59954, 59981.
- 31516-19. Translations on USSR political and sociological affairs, nos. 419-430; JPRS 59793, 59813, 59826, 59840, 59856, 59869, 59880, 59903, 59908, 59922, 59956, 59976.
- 31516-20. Translations on USSR resources, nos. 402-413; JPRS 59788, 59800, 59814, 59841, 59852, 59861, 59864, 59876, 59914, 59942, 59961, 59992.
- 31516-21. Translations on USSR trade and services, nos. 574-585; JPRS 59792, 59812, 59836, 59848, 59877, 59892, 59910, 59932, 59948, 59960, 59979, 59986.
- 31516-22. Translations on Western Europe, nos. 422-424; JPRS 59816, 59839, 59875.
- 31516-23. USA: Economics, politics, ideology, no. 7, (1973); JPRS 59896.
- 31516-24. USSR and East Europe scientific abstracts: Chemistry, no. 6; JPRS 59854.
- 31516-25. USSR and East Europe scientific abstracts: Engineering and equipment, no. 5; JPRS 59817.

### JPRS (series).

Y 3.J 66: 13/(nos.)

- 31517 59790. Forecasting spring wheat harvest before planting by inertial factors, USSR [with bibliography]; by G. V. Degtyareva. Aug. 14, 1973. cover title, 11 p. il. 4° [From Meteorologiya i gidrologiya, no. 4, 1973.]  $\Phi$  Paper, \$3.00.
- 31518 59802. Geophysical instruments, USSR [articles, with bibliographies; by I. G. Zhurii and V. S. Shneyer]. Aug. 15, 1973. cover title, [1]+a+10 p. il. 4° [From Geofizicheskaya apparatura, no. 49, 1972, Leningrad.]  $\Phi$  Paper, \$3.00.
- 31519 59803. Space medicine incorporated into practice on earth, USSR. Aug. 15, 1973. cover title, [1]+3 p. 4° [From Vyshka, May 8, 1973, Baku.]  $\Phi$  Paper, \$3.00.
- 31520 59804. Soviet correspondents report motor trip through United States (supplement), USSR [articles]; Aug. 15, 1973. cover title, [1]+56 p. 4° [From Komsomol'skaya Pravda, June 13-30, 1973, July 5-15, 1973, and Krasnaya Zvezda June 16-27, 1973.]  $\Phi$  Paper, \$3.00.
- 31521 59818. Problems of control of body functions of humans and animals [articles, with bibliographies; by] V. V. Parin, editor. Aug. 16, 1973. cover title, [1]+a+c+154 p. il. 4° [From Problemy upravleniya funktsiyami organizma cheloveka i zhivotnykh, Moscow, 1973.]  $\Phi$  Paper, \$3.00.
- 31522 59819. Juridical problems in use of orbits for artificial earth satellites, USSR [with list of bibliographical footnotes]; by B. G. Dudakov. Aug. 16, 1973. cover title, [1]+11 p. 4° [From Sovetskoye gosudarstvo i pravo, no. 4, 1973.]  $\Phi$  Paper, \$3.00.
- 31523 59820. Use of patent documentation in analyzing technological development trends, USSR [with bibliography]; by N. M. Timofeyeva. Aug. 16, 1973. cover title, [1]+13 p. il. 4° [From Voprosy izobretatel'stva, no. 10, 1970.]  $\Phi$  Paper, \$3.00.
- 31524 59821. Use of patent documentation in medium-term technological forecasting, USSR; by V. A. Obukhov, Ye. D. Dobronevskiy, T. A. Berezina. Aug. 16, 1973. cover title, [1]+14 p. 4° [From Voprosy izobretatel'stva, no. 8, 1970.]  $\Phi$  Paper, \$3.00.
- 31525 59831. Studies of earth from space, USSR; by V. Sevast'yanov. Aug. 17, 1973. cover title, [1]+9 p. il. 4° [From Nauka i zhizn', no. 5, 1973.]  $\Phi$  Paper, \$3.00.
- 31526 59832. New GRK-1 quartz gravimeter, USSR [with bibliography]; by S.V. Vereda, K. Ye. Yeselov, et al. Aug. 17, 1973. cover title, [1]+4 p. il. 4° [From Prikladnaya geofizika, no. 68, 1972.]  $\Phi$  Paper, \$3.00.
- 31527 59853. Electric and acoustic fields of fishes, USSR [with bibliography, V. R. Protasov, editor]. Aug. 21, 1973. cover title, [1]+a+277 p. il. 4° [Book published by Izdatel'stvo nauka, Dec. 29, 1972.]  $\Phi$  Paper, \$3.00.
- 31528 59863. Absorbing materials and control rods for fast reactors, USSR [papers presented at meeting of international working group for fast reactors held June 4-8, 1973 in Dimitrograd, USSR with bibliographies]. Aug. 22, 1973. cover title, [1]+a+106 p. il. 4°  $\Phi$  Paper, \$3.00.

$\Phi$ For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

Page 55

## GOVERNMENT PUBLICATIONS

### JPRS (series)—Continued

- 31529 59872. Gas chromatography, method of determining harmful substance in air and in biological media. USSR [with bibliography]; by S. F. Yavorovskaya. Aug. 23, 1973. cover title, [1]+a+216 p. il. 4° [Publication of Izdatel'stvo meditsina, Moscow, 1972.]  $\Phi$  Paper, \$3.00.
- 31530 59873. Technology of producing new materials, USSR [articles, with bibliographies]. Aug. 23, 1973. cover title, [1]+a-b+109 p. il. 4° [From Tekhnologiya polucheniya novykh materialov, 1972, Kiev.]  $\Phi$  Paper, \$3.00.
- 31531 59882. Man and his environment, USSR. Aug. 24, 1973. cover title, [1]+29 p. 4° [From Voprosy filosofii, no. 4, 1973, Moscow.]  $\Phi$  Paper, \$3.00.
- 31532 59883. Anomalous nonlinear dissipation of high-frequency radio waves in plasma [with bibliography]; by V. P. Silin. Aug. 24, 1973. cover title, [1]+a+51 p. il. 4° [From Uspekhi fizicheskikh nauk, v. 108, no. 4, Dec. 1972.]  $\Phi$  Paper, \$3.00.
- 31533 59884. Organization of control of scientific research, USSR [with bibliography]; by K. I. Dubrovskiy. Aug. 24, 1973. cover title, [1]+a+43 p. 4° [From book published Moscow, 1970.]  $\Phi$  Paper, \$3.00.
- 31534 59885. Waves, instabilities and anomalous dissipation of parametric plasma (in strong electromagnetic field of pumping wave), USSR [with bibliography]; by V. P. Silin. Aug. 24, 1973. cover title, [1]+31 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31535 59886. Alma-Ata central seismic station, USSR [with bibliography]; by B. M. Urazayev, A. B. Ospanov, T. Kh. Duysebayev. Aug. 24, 1973. cover title, [1]+12 p. il. 4° [From Vestnik Akademii nauk Kazakhskoy SSR, no. 5, 1973.]  $\Phi$  Paper, \$3.00.
- 31536 59895. Lunar geology, USSR [articles with bibliographies]; by Yu. A. Khodak, G. U. Likhoshershtnykh. Aug. 27, 1973. cover title, [1]+a+25 p. il. 4° [From Izvestiya akademii nauk SSSR, seriya geologicheskaya, no. 11, 1972; and Matematicheskiye metody v geologii, no. 2, 1971/72.]  $\Phi$  Paper, \$3.00.
- 31537 59906. Tables of contents from 5 volumes of abstracts of papers presented at 1973 Popov Society Congress, Moscow, USSR. Aug. 28, 1973. cover title, [1]+a+34 p. 4° [From Vsesoyuznaya nauchnaya sessiya posvyashchennaya Dnyu Radio, 1973.]  $\Phi$  Paper, \$3.00.
- 31538 59927. Soil temperature and plants in north, USSR [with bibliography]; by A. I. Korovin. Aug. 30, 1973. [1]+a+61 p. il. 4° [Petrozavodsk, 1961.]  $\Phi$  Paper, \$3.00.
- 31539 59939. Bioelectric control, USSR. [with bibliography]; by V. S. Gurfinkel', V. B. Malkin, et al. Aug. 1973. cover title, [1]+a+293 p. il. 4° [Izdatel'stvo Nauka, Moscow, 1972.]  $\Phi$  Paper, \$3.00.
- 31540 59949. Newly discovered properties of plants explained, USSR; by Aleksey Sinyukhin. Sept. 4, 1973. cover title, [1]+10 p. il. 4° [From Nauka i tekhnika, no. 4, 1973.]  $\Phi$  Paper, \$3.00.
- 31541 59950. Spontaneous modelling of natural processes, USSR; by B. P. Vysotskiy. Sept. 4, 1973. cover title, [1]+12 p. il. 4° [From Priroda, no. 7, 1973.]  $\Phi$  Paper, \$3.00.
- 31542 59951. Photoelectronic and thermoelectronic instruments and their applications, USSR [excerpt, with bibliography]; by S. V. Mayorov. Sept. 1973. cover title, [1]+23 p. il. 4° [Izdatel'stvo Mashinostroyeniye, 1973.]  $\Phi$  Paper, \$3.00.
- 31543 59952. Space medicine and extraterrestrial life, USSR [articles]. Sept. 4, 1973. cover title, [1]+a+16 p. il. 4° [From Aviatsiya i kosmonavtika, no. 5, 1973.]  $\Phi$  Paper, \$3.00.
- 31544 59963. Data on illumination in atmosphere and on surface of Venus obtained by automatic interplanetary station Venera-8, USSR; by V. S. Avduyevskiy, M. Ya. Marov, et al. Sept. 5, 1973. cover title, [1]+5 p. il. 4° [From Doklady Akademii Nauk SSSR, v. 210, no. 4, 1973.]  $\Phi$  Paper, \$3.00.
- 31545 59968. Spring wheat, USSR [with bibliography]; by P. K. Ivanov. Sept. 5, 1973. cover title, [1]+a-e+327 p. il. 4° [Izdatel'stvo Kolos, 1971, Moscow.]  $\Phi$  Paper, \$6.00.
- 31546 59983. USSR High Temperature Institute [2 books, with bibliographies]. Sept. 7, 1973. cover title, [1]+a-b+232 p. il. 4° [Publications of Izdatel'stvo Nauka, and Akademiya Nauk SSSR Institut Vysokikh Temperatur, Moscow, 1973.]  $\Phi$  Paper, \$3.00.
- 31547 59984. Patent information and technological forecasting, USSR; by F. D. Vasil'yev. Sept. 7, 1973. [1]+11 p. il. 4° [From Voprosy izobretatel'stva, no. 1, 1969, Moscow.]  $\Phi$  Paper, \$3.00.
- 31548 59985. Radioastronomy, USSR [articles, with bibliographies]; by A. G. Sokolov, et al]. Sept. 7, 1973. [1]+a+44 p. il. 4° [From Izvestiya vysshikh uchebnykh zavedeniy, Radiofizika, v. 16, no. 5, 1973, Moscow.]  $\Phi$  Paper, \$3.00.

## JUSTICE DEPARTMENT Washington, DC 20530

- 31549 Cooperation, backbone of effective law enforcement. [Revised Apr. 1973.] [1973.] [5]+22 p. il. 4° † ● Item 721 J 1.14/2: C 78/973
- Criminal justice monograph. (Law Enforcement Assistance Administration, National Institute of Law Enforcement and Criminal Justice.) ● Item 717-E

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Not Available for Sale or Distribution



NOVEMBER 1973

- 31550 Innovation in law enforcement [papers, with bibliographies]. June 1973. ix+163 p. il. 4° [Presented at 4th National Symposium on Law Enforcement Science and Technology, May 1-3, 1972, conducted by Institute of Criminal Justice and Criminology, University of Maryland, supported by contract J-LEAA-021-72.] \* Paper, \$2.35 (S/N 2700-00194). J 1.37/3: L 41
- 31551 Reintegration of offender into community [with bibliography]. June 1973. ix+52 p. 4° [Presented at 4th National Symposium on Law Enforcement Science and Technology, May 1-3, 1972 conducted by Institute of Criminal Justice and Criminology, University of Maryland, supported by contract J-LEAA-021-72.] \* Paper, 85c. (S/N 2700-00192). J 1.37/3: R 27
- 31552 Research on street crime control, papers presented at 4th National Symposium on Law Enforcement Science and Technology, May 1-3, 1972, conducted by Institute of Criminal Justice and Criminology University of Maryland [with bibliographies]. June 1973. ix+75 p. 4° [Contract J-LEAA-021-72.] \* Paper, \$1.00 (S/N 2700-00201). L.C. card 73-602755 J 1.37/3: St 8

LABOR DEPARTMENT  
Washington, DC 20210

- 31553 The real America, speech by Peter J. Brennan, Secretary of Labor, before Rotary Club of Houston, Houston, Tex., July 26, 1973. [1973.] 9 leaves 4° (USDL 73-338.) † L 1.13: B 75/7
- 31554 Speech by Peter J. Brennan, Secretary of Labor, [at] 63d annual conference of National Urban League, Washington, D.C., July 24, 1973. [1973.] 8 leaves, 4° (USDL 73-331.) † L 1.13: B 75/6
- 31555 Union status and benefits of retirees; [prepared by Vincent A. Cicconi]. [July 1973.] [8]+157 p. il. 4° (Labor-Management Services Administration, Office of Labor-Management Policy Development.) \* Paper, \$2.10. ● Item 745 L.C. card 73-602604 L 1.2: R 31/4

LABOR STATISTICS BUREAU, Labor Dept.  
Washington, DC 20210

Bulletins. ● Item 768 L 2.3: (nos.)

- 31556 1774. Outlook for technology and manpower in printing and publishing. 1973. vi+45 p. il. 4° \* Paper, 75c.
- 31557 1775-63. Area wage survey: Toledo, Ohio-Mich., metropolitan area, Apr. 1973. [July 1973.] 22 p. oblong, 8° \* Paper, 40c.
- 31558 1775-65. Birmingham, Ala., metropolitan area, Mar. 1973. [July 1973.] cover title, 35 p. oblong, 8° \* Paper, 50c.
- 31559 1775-66. Area wage survey: San Jose, Calif., metropolitan area, Mar. 1973. [July 1973.] cover title, 20 p. oblong, 8° \* Paper, 40c.
- 31560 1776. Productivity, selected, annotated bibliography, 1965-71; [by Andrea Mooney Sweeney]. 1973. iv+107 p. 4° \* Paper, \$1.25.
- 31561 1778. Industry wage survey: Contract cleaning services, July 1971; [prepared by Martin E. Personick]. 1973. vi+51 p. il. 4° \* Paper, 85c.
- 31562 1782. Union wages and hours: Local-transit operating employees, July 1, 1972; [prepared by Mary Kay Rleg]. 1973. v+18 p. \* Paper, 40c.
- 31563 1787. Wage chronology: Ford Motor Company, June 1941-Sept. 1973. 1973. v+82 p. 4° \* Paper, \$1.00.
- 31564 1792. Industry wage survey: Footwear, Mar. 1971; [prepared by Joseph C. Bush]. 1973. vi+84 p. 4° \* Paper, \$1.25.
- 31565 Directory of area wage surveys, July 1970-Dec. 1972, 1973. iii+41 p. † ● Item 768-E L 2.34/2: W 12/4/970-72

Report.

- 31566 420. Census employment survey user's guide [with bibliography]. 1973. cover title, iv+55 p. il. 4° [Prepared in Division of Employment and Unemployment Analysis.] † ● Item 768-G L 2.71: 420
- 31567 Selected papers from North American Conference on Labor Statistics, June 14-17, 1971, San Juan, Puerto Rico. 1973. iv+286 p. il. 4° † ● Item 769-C L 2.80: 971

LAND MANAGEMENT BUREAU, Interior Dept.  
Washington, DC 20240

- 31568 Draft environmental statement, proposed 1973 Outer Continental Shelf, oil and gas general lease sale, offshore Mississippi, Alabama, and Florida. [1973.] cover title, [876] p. il. 4° (OCS Sale no. 32.) † ● Item 631 I 53.2: En 8/973-2

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

GOVERNMENT PUBLICATIONS

LIBRARY OF CONGRESS  
Washington, DC 20540

- 31569 Guidelines for library handbooks; [by] Federal Library Committee Task Force on Public Relations 1972 [published 1973]. 7 p. (Federal Library Committee.) \* Paper, 30c. LO 1.32/2 : L 61/2
- 31570 National aspects of creating and using MARC/RECON records [with lists of references]; edited by John C. Rather and Henriette D. Avram. 1973. v+48 p. 4° [Prepared by RECON Working Task Force. ISBN 0-8444-0094-4.] \* Paper, \$2.75 (S/N 3000-00062). ● Item 786 LC 1.2 : M 18/13  
L.C. card 73-3381
- 31571 National union catalog, reference and related services; [compiled by John W. Kimball, jr.]. [Reprinted with revisions 1973.] 1973. [3]+33 p. 4° † Library of Congress, Union Catalog Reference Unit, Washington, DC 20540 LC 29.6 : N 21  
L.C. card 73-602813

MANPOWER ADMINISTRATION, Labor Dept.  
Washington, DC 20210

- 31572 Federal contractor job listing emphasizing employment of veterans, questions and answers on Secretary of Labor's regulation. [1973.] [10] p. narrow 8° † ● Item 745 L 1.2 : C 76/3
- Manpower research monograph.
- 31573 28. Review of manpower R & D projects in correctional field, 1963-73 [with bibliography]; prepared by Roberta Rovner-Pieczenski. 1973. vi+113 p. 4° [Grant 92-25-72-18.] \* Paper, \$1.25 (S/N 2900-00187). ● Item 746-H L 1.39/3 : 28  
L.C. card 73-602637

MARITIME ADMINISTRATION, Commerce Dept.  
Washington, DC 20548

- 31574 Conference on tank containers, Apr. 19, 1973; [prepared by Office of Ports and Intermodal Systems]. [1973.] iii+83 p. il. 4° \* Paper, \$1.00. ● Item 235 C 39.202 : T 15  
L.C. card 73-602462

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

- 31575 Maternal and Child Health Service reports on research to improve health services for mothers and children. May 1973. v+29 p. \* Paper, 35c. (S/N 1730-00031). ● Item 483-V-1 HE 20.2752 : R 31/973  
(S/N 1730-00031). ● Item 483-V-1  
L.C. card 73-602627 HE 20.2752 : R 31/973
- 31576 Use of ancillary health personnel in maternal and child health projects; by Shirley A. Mayer and Catherine M. Casey. June 1973. 8 p. 4° ([DHEW publication (HSM) 73-5115.]) [Commentary on health power.] † ● Item 483-V-1 HE 20.2752 : An 2

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

- 31577 Manual of Medical Department [1952], Change 79. June 14, 1973. [39] p. 4° [Issued with perforations.] † D 206.8/2 : 972/ch.79
- U.S. Naval Submarine Medical Center, Submarine Base, Groton, Conn.: Reports. † D 206.10 : (nos.)
- 31578 715. Lack of bilateral generalization of adaption to auditory rearrangement [with list of references]; by Harutine H. Mikaellan with Joseph S. Russotti. June 20, 1972. cover title, iii+8+2 p. il. 4° [Research work unit MF51.524.004-9010DA5G.20.]
- 31579 733. Longitudinal health survey: I. Description [with list of references]; by Robert N. Sawyer with J. H. Baker. [Dec. 14, 1972.] [106] p. il. 4° [Research work unit MF51.524.006-1002BF91.01.]

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

## NOVEMBER 1973

- 31580 736. Diffusional and metabolic components of nitrogen elimination through lungs, effects of pressure [with list of references]; by K. Muysers [and others]. Jan. 19, 1973. cover title, iii+18+2 p. il. 4° [Research work unit MR041.01.010063BOKL.07.]
- 31581 739. Review of available heated wet-suit protection for divers and swimmers [with bibliography]; by Frederick P. Rentz. Feb. 28, 1973. cover title, vi+15+2 p. il. 4° [Research work unit MF 099.01.10.]
- 31582 740. Improvement of absolute distance estimation under water, use of monocular motion parallax [with list of references]; by Steven H. Ferris. Mar. 1973. cover title, iii+6+2 p. il. 4° [Research work unit M4306.032050DXC.5-15.]

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

- 31583 Apparent consumption of industrial explosives and blasting agents in United States, 1972; prepared in Division on Nonmetallic Minerals. July 31, 1973. 13 p. 4° (Mineral industry surveys, explosives, annual.)  
† Mines Bureau, Pittsburgh, PA 15213 I 28.112: 972
- 31584 Coal mine health and safety research program. [1973.] cover title, 30 p. il. [Illustrations are colored.] \* Paper, 90c. (S/N 2404-01412). ● Item 637 I 28.2: C 63/8
- 31585 Gypsum in 1972; prepared by Division of Nonmetallic Minerals. July 30, 1973. 2 p. 4° (Minerals industry survey, annual advance summary.)  
† Mines Bureau, Pittsburgh, PA 15213 I 28.32/2: 972

#### Information circulars.

- 31586 8612. Bureau of Mines energy program, 1972 [with bibliography]; by Bill Linville and John D. Spencer. [1973.] [2]+vi+107 p. † Mines Bureau, Pittsburgh, PA 15213 ● Item 637-A I 28.27: 8612
- 31587 List of Bureau of Mines publications and articles, Jan. 1-Dec. 31, 1972, with subject and author index; compiled by Rita D. Sylvester. [1973.] [3]+118 p. 4° (Special publication; Division of Technical Reports.)  
\* Paper, \$1.50 (S/N 2404-01404). ● Item 638 I 28.5: 972
- 31588 Minor nonmetals in 1972; prepared in Division of Nonmetallic Minerals. July 5, 1973. 2 p. 4° (Mineral industry surveys; annual advance summary.) † Mines Bureau, Pittsburgh, PA 15213 I 28.121: 972
- Report of investigations. † Mines Bureau, Pittsburgh, PA 15213 ● Item 637-A I 28.23: (nos.)
- 31589 7771. Large-scale continuous attrition grinding of coarse kaolin [with list of references]; by E. G. Davis, E. W. Collins, and L. L. Feld. [1973.] [2]+ii+22 p. il. 4° [Based on work done in cooperation with University of Alabama.]
- 31590 7777. Effect of copper and silicon on selected mechanical properties of hot-rolled medium-carbon steels [with list of references]; by Mark I. Copeland. [1973.] [3]+19 p. il. 4°
- 31591 7778. Thermodynamic properties of three sodium titanates [with list of references]; by K. O. Bennington and R. R. Brown. [1973.] [3]+13 p. il. 4°
- 31592 7779. Spectral growth of expanding flames, infrared radiance of methane-air ignitions and coal dust-air explosions; by M. Hertzberg [and others]. [1973.] [2]+ii+38 p. il. 4°
- 31593 7781. Evaluation of methods for determining nahcolite and dawsonite in oil shales [with list of references]; by Charles W. Huggins, Thomas E. Green, and T. L. Turner. [1973.] [2]+2+21 p. il. 4°
- 31594 7782. Minimum extinguishant and maximum oxygen concentrations for extinguishing coal dust-air explosions; by Joseph Grumer [and others]. [1973.] [3]+6 p. il. 4°
- 31595 7784. Preparation of samarium-cobalt permanent magnets [with list of references]; by J. W. Walkiewicz, J. S. Winston and M. M. Wong. [1973.] [3]+18 p. il. 4°

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

- 31596 Safety road checks, motor carriers of property July-Dec. 1971. [1972.] [2] p. 4° † TD 2.311: 971
- 31597 Summary of accident investigations, 1971. Dec. 29, 1972 [published 1973]. cover title, i+121 p. il. 4° [Text on p. 2 of cover.] † TD 2.312/3: 971

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

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

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

- 31598 Calendar year 1972, report. [1973.] [2]+49 p. il. 4° [Text on p. 3 of cover.]  
† ● Item 967-D J 24.1: 972

NATIONAL ADVISORY COMMISSION ON CRIMINAL JUSTICE  
STANDARDS AND GOALS, Washington, DC 20530

NOTE.—The Commission was appointed by Jerris Leonard, Administrator of Law Enforcement Assistance Administration, Justice Dept., under a grant from LEAA, on Oct. 20, 1971, to formulate standards at State and local levels.]

- 31599 National strategy to reduce crime [report]. 1973. [17]+318 p. il. 4° †  
● Item 1069 Y 3.C 86: 20 86

NATIONAL ADVISORY COMMITTEE ON OCEANS AND  
ATMOSPHERE, Washington, DC 20230

NOTE.—The Committee was established by P.L. 92-125, approved on August 16, 1971.

- 31600 Report to the President and Congress, 2d annual report, June 29, 1973.  
[1973.] ix+47 p. \* Paper, 55c. ● Item 1070-J Y 3.Oc 2: 1/973

NATIONAL ADVISORY COUNCIL ON EXTENSION AND  
CONTINUING EDUCATION, 1325 G Street NW.,  
Washington, DC 20005

NOTE.—The National Advisory Council on Extension and Continuing Education was established by Public Law 89-329, approved November 8, 1965.

- 31601 Question of opportunity: women and continuing education; by Kathryn L.  
Mulligan, Mar. 31, 1973. [3]+30 p. †  
L.C. card 73-601974 Y 3.Ex 8: 2W 84

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
Washington, DC 20546

- 31602 NASA aeronautics. [1973.] [5] p. il. narrow 8° † NAS 1.2: Ae 8/2  
NASA contractor reports OR (series). NAS 1.26: (nos.)
- 31603 2217. Analytical method for predicting pressure distribution about nacelle at  
transonic speeds [with list of references]; by J. S. Keith [and others].  
July 1973. cover title, xi+146 p. il. 4° [Prepared by General Electric  
Company, Cincinnati, Ohio.] † Paper, \$3.00.
- 31604 2243. Design fabrication, and performance of foil journal bearings for Brayton  
rotating unit [with list of references]; by L. Licht and M. Branger.  
July 1973. cover title, xi+100 p. il. 4° [Prepared by Ampex Corpora-  
tion, Redwood City, Calif.] † Paper, \$3.00.
- 31605 2254. Development of closed pore insulation material [with list of references];  
by Albert Tobin [and others]. July 1973. cover title, viii+173 p. il. 4°  
[Prepared by Grumman Aerospace Corporation, Bethpage, N.Y.]  
† Paper, \$3.00.
- 31606 2256. Application of matched asymptotic expansions to lunar and interplanetary  
trajectories: v. 2. Derivations of second-order asymptotic boundary  
value solutions [with list of references]; by J. E. Lancaster. July 1973.  
cover title, v+185 p. il. 4° [Prepared by McDonnell Douglas Astro-  
nautics Company—West, Huntington Beach, Calif.] † Paper, \$3.00.
- 31607 2274. Turbulent fluid friction of rotating disks [with list of references]; by  
Paul Cooper. July 1973. cover title, iv+340 p. il. 4° [Prepared by Case  
Western Reserve University, Cleveland, Ohio, for Lewis Research  
Center.] † Paper, \$6.00.
- 31608 2277. Development of design information for molecular-sieve type regenerative  
CO<sub>2</sub>-removal systems [with list of references]; by R. M. Wright [and  
others]. July 1973. cover title, xvi+239 p. il. 4° [Prepared by AIRe-  
search Manufacturing Company, Los Angeles, Calif.] † Paper, \$3.00.
- 31609 2282. Experimental and analytical study of one- and two-component flows in  
spherical chambers [with list of references]; by Bruce V. Johnson. Aug.  
1973. cover title, iii+69 p. il. 4° [Prepared by United Aircraft Research  
Laboratories, East Hartford, Conn.] † Paper, \$3.00.
- 31610 2284. Laser Doppler velocity measurements of swirling flows with upstream  
influence [with list of references]; by Kenneth L. Orloff and Hartmut H.  
Bossel. July 1973. cover title, [1]+42 p. il. 4° [Prepared by University  
of California, Santa Barbara, Calif. under contract NGR 05-010-025.]  
† Paper, \$3.00.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Not Available for Sale or Distribution

## NOVEMBER 1973

- 31611 2285. Some problems of calculation of 3-dimensional boundary-layer flows on general configurations [with list of references]; by Tuncer Cebeci [and others]. July 1973. cover title, vi+52 p. il. 4° [Prepared by Douglas Aircraft Company, McDonnell Douglas Corporation, Long Beach, Calif.]  $\Phi$  Paper, \$3.00.
- 31612 2287. Effect of shear on aircraft landing [with list of references]; by James K. Luers and Jerry B. Reeves. July 1973. cover title, vii+53+13 p. il. 4° [Prepared by University of Dayton Research Institute, Dayton, Ohio, for George C. Marshall Space Flight Center.]  $\Phi$  Paper, \$3.00.
- 31613 2288. Model of wind shear and turbulence in surface boundary layer [with list of references]; by James K. Luers. July 1973. cover title, vi+37 p. il. 4° [Prepared by University of Dayton Research Institute, Dayton, Ohio, for George C. Marshall Space Flight Center.]  $\Phi$  Paper, \$3.00.
- 31614 2289. Variation of low level winds during passage of thunderstorm gust front [with list of references]; by R. W. Sinclair, R. A. Anthes, and H. A. Panofsky. July 1973. cover title, viii+65 p. il. 4° [Prepared by Pennsylvania State University, University Park, Pa.]  $\Phi$  Paper, \$3.00.
- 31615 2291. Asteroid and comet exploration [with lists of references]; by G. Arrhenius, H. Alfven, and R. Fitzgerald. July 1973. cover title, vii+56 p. il. 4° [Prepared by University Research Foundation and University of California, San Diego, La Jolla, Calif.]  $\Phi$  Paper, \$3.00.
- 31616 2308. High temperature superconductor Nb<sub>3</sub>Ga [with list of references]; by L. J. Vieland and A. W. Wicklund. Aug. 1973. cover title, vi+42 p. il. 4° [Prepared by RCA Laboratories, Princeton, N.J.]  $\Phi$  Paper, \$3.00.

### NASA SP (series).

NAS 1.21: (nos.)

- 31617 288. Vibration of shells [with lists of references; by] Arthur W. Leissa. 1973. viii+438 p. il. 4° (Scientific and Technical Information Office.) \* Paper, \$5.20 (S/N 3300-0422).  $\bullet$  Item 830-I  
L.C. card 77-186367
- 31618 327. Symposium on significant results obtained from Earth Resources Technology Satellite-1, proceedings, Goddard Space Flight Center, New Carrollton, Md., Mar. 5-9, 1973, v. 1, Technical presentations [with list of references]; compiled and edited by Stanley C. Frieden, Enrico P. Mercanti, and Margaret A. Becker. 1973. (Scientific and Technical Information Office.) [v. 2, Summary and results, issued separately and classed NAS 1.2: Ea 7/5/973/v. 2.1] \* Paper, \$13.65 per set (2 vols.) (S/N 330-00515).  $\bullet$  Item 830-I  
L.C. card 73-600115  
sec. A. xix+1-877 p. il. 4°  
sec. B. xix+878-1730 p. il. 4°
- 31619 5021(13). Index to NASA tech briefs, Feb. 1973. cover title, v+138 p. 4° [Prepared by Scientific and Technical Information Facility, Informatics Tisco Inc.]  $\Phi$  Paper, \$3.00.
- 31620 5113. Nondestructive testing, survey [with bibliographies]. 1973. vi+282 p. il. 4° ([Technology utilization]; Technology Utilization Office.) [Prepared under contract for NASA by Southwest Research Institute.] \* Paper, \$3.35 (S/N 3300-00471).  $\bullet$  Item 830-I  
L.C. card 72-600247

### NASA technical note TN (series).

NAS 1.14: D-(nos.)

- 31621 D-6142. Vortex-lattice FORTRAN program for estimating subsonic aerodynamic characteristics of complex planforms, by Richard J. Margason and John E. Lamar, Feb. 1971, Errata. July 1973. 1 p. 4° †
- 31622 D-6520. Trace organic impurities in gaseous helium [with list of references]; by Thomas A. Schehl. Aug. 1973. cover title, iii+12+3 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31623 D-6648. Random walk of electron motion in helium in crossed electromagnetic fields, by Gerald W. Englert, Feb. 1972, errata. Aug. 1973. 1 p. 4° †
- 31624 D-6933. On numerical simulation of three-dimensional transonic flow with application to C-141 wing [with list of references]; by Harvard Lomax, Frank R. Bailey and William F. Balhaus. Aug. 1973. cover title, [1]+50 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31625 D-7131. Maneuver and buffet characteristics of fighter aircraft [with list of references]; by Edward J. Ray, Linwood W. McKinney, and Julian G. Carmichael. July 1973. cover title, [1]+16 p. il. 4° ([Based on paper originally presented at AGARD Specialists' Meeting on Fluid Dynamics of Aircraft Stalling, Lisbon, Portugal, Apr. 26-28, 1972.])  $\Phi$  Paper, \$3.00.
- 31626 D-7139. Analytical and experimental studies of shock interference heating in hypersonic flows [with list of references]; by J. Wayne Keyes and Frank D. Hains. May 1973. cover title, iv+137 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31627 D-7181. Thermodynamic and transport properties of gaseous tetrafluoromethane in chemical equilibrium [with list of references]; by James L. Hunt and Lillian R. Boney. Aug. 1973. cover title, [1]+105 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31628 D-7204. Design and evaluation of an optical fine-pointing control system for telescopes utilizing digital star sensor [with list of references]; by Aaron J. Ostroff and K. C. Romanczyk. July 1973. cover title, iii+63 p. il. 4°  $\Phi$  Paper, \$3.00.

$\Phi$ For Sale by National Technical Information Service,  
Springfield, VA 22151

$\bullet$ Sent to Depository Libraries

Page 61

## GOVERNMENT PUBLICATIONS

### NASA technical note TN (series)—Continued

- 31629 D-7205. Effect of wing aspect ratio and flap span on aerodynamic characteristics of externally blown jet-flap STOL model [with list of references]; by Charles C. Smith, jr. Aug. 1973. cover title, [1]+136 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31630 D-7240 (REV.) Retrieval of dispersive and convective transport phenomena in fluids using stationary and nonstationary time domain analysis [with list of references]; by J. Briscoe Stephens and Robert M. St. John. Aug. 1973. cover title, vi+98 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31631 D-7282. Aerodynamic and flow-visualization studies of 2 delta-wing entry vehicles at Mach number of 20.3 [with list of references]; by James P. Arrington and David R. Stone. Aug. 1973. cover title, [1]+70 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31632 D-7292. Iterative solution of integral equation for radioactive transfer by using variational technique [with list of references]; by Kenneth K. Yoshikawa. Aug. 1973. cover title, v+24 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31633 D-7299. Low-speed aerodynamic characteristics of fuselage model with various arrangements of elongated lift jets [with list of references]; by Raymond D. Vogler and Kenneth W. Goodson. Aug. 1973. cover title, [1]+84 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31634 D-7305. Extension of QZ algorithm for solving generalized matrix eigenvalue problem [with list of references]; by Robert C. Ward. July 1973. cover title, iii+52 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31635 D-7324. Oxidation at through-hole defects in fused slurry silicide coated columbian [sic columbian] alloys FS-85 and Cb-752 [with lists of references]; by Stanley R. Levine. July 1973. cover title, [1]+33 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31636 D-7328. Steady-state and dynamic pressure phenomena in propulsion system of F-111A airplane [with list of references]; by Frank W. Burcham, jr., Donald L. Hughes, and Jon K. Holzman. July 1973. cover title, iv+98 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31637 D-7332. Boundary-layer electron profiles for entry of a blunt slender body at high altitude [with list of references]; by John S. Evans, Charles J. Schexnayder, jr., and Paul W. Huber. July 1973. cover title, [1]+38 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31638 D-7336. Performance characteristics of zinc-rich coatings applied to carbon steel; by William J. Paton. July 1973. cover title, vi+78 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31639 D-7343. FORTRAN program for calculating velocities and streamlines on hub-shroud mid-channel flow surface of axial- or mixed-flow turbomachine, 1-User's manual [with list of references]; by Theodore Katsanis and William D. McNally. July 1973. cover title, iv+93 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31640 D-7352. BEAMR, an interactive graphic computer program for design of charged-particle beam transport systems [with list of references]; by Regis F. Leonard and Charles C. Giamati. July 1973. cover title, [1]+43 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31641 D-7353. Characteristics and performance of superconducting bumpy-torus magnetic facility for plasma research [with list of references]; by J. Reece Roth [and others]. Aug. 1973. cover title, [1]+55 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31642 D-7354. Scattering of 42-MeV alpha particles from copper-65 [with list of references]; by William M. Stewart and Kamal K. Seth. July 1973. cover title, [1]+27 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31643 D-7356. Friction losses in a lubricated thrust-loaded cageless angular-contact bearing [with list of references]; by Dennis P. Townsend, Charles W. Allen, and Erwin V. Zaretsky. July 1973. cover title, [1]+34 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31644 D-7370. Application of space program fire-retardant technology to housing [with list of references]; by S. R. Ricciello and K. W. Helsing. Aug. 1973. cover title, [1]+14 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31645 D-7371. Leading-edge serrations which reduce noise of low-speed rotors [with list of references]; by Paul T. Soderman. Aug. 1973. cover title, iii+62 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31646 D-7373. Apollo experience report, development of design-loads criteria, methods, and operational procedures for prelaunch, lift-off and midboost conditions [with list of references]; by Alden C. Mackey and Robert D. Schwartz. Aug. 1973. cover title, [1]+16 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31647 D-7374. Apollo experience report, command and service module instrumentation subsystem; by Frank A. Rotramel. Aug. 1973. cover title, iv+21 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31648 D-7375. Apollo experience report, service propulsions subsystem; by Cecil R. Gibson and James A. Wood. Aug. 1973. cover title, iv+21 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31649 D-7376. Investigation of coaxial jet noise and inlet choking using F-111 A airplane [with list of references]; by Terrill W. Putnam. Aug. 1973. cover title, [1]+32 p. 4°  $\Phi$  Paper, \$3.00.
- 31650 D-7382. Dispersion of turbojet engine exhaust in flight [with list of references]; by James D. Holdeman. Aug. 1973. cover title, [1]+21 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31651 D-7384. Net radiation method for enclosure systems involving partially transparent walls [with list of references]; by Robert Siegel. Aug. 1973. cover title, [1]+31 p. il. 4°  $\Phi$  Paper, \$3.00.

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Not Available for Sale or Distribution

NOVEMBER 1973

- 31652 D-7385. FORTRAN IV computer program for calculating critical speeds of rotating shafts [with list of references]; by Roger J. Trivisonno. Aug. 1973. cover title, iii+52 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31653 D-7386. Approximations for neutron emission spectra from proton collisions between 20 and 500 MeV on nuclei of  $A \geq 12$  [with list of references]; by M. O. Burrell. Aug. 1973. cover title, iv+29 p. il. 4°  $\Phi$  Paper, \$3.00.
- 31654 D-7388. Apollo experience report, evolution of rendezvous-maneuver plan for lunar-landing missions; by James D. Alexander and Robert W. Becker. Aug. 1973. cover title, iv+24 p. il. 4°  $\Phi$  Paper, \$3.00.

NASA technical translation TT (series). NAS 1.13/2: F-(nos.)

- 31655 F-748. Noise and noise sickness [with list of references]; by Ye Ts. Andreyeva-Galanina [and others]. July 1973. cover title, ix+327 p. il. 4° [From Meditsina Press, Leningrad, 1972.]  $\Phi$  Paper, \$6.00.
- 31656 F-750. Space ergonomics [with list of references]; by A. I. Men'shov. June 1973. cover title, viii+492 p. il. 4° [From Nauka Press, Leningrad, 1971.]  $\Phi$  Paper, \$6.00.
- 31657 F-753. External loads and aircraft strength; by A. I. Gudkov and P. S. Leshakov. July 1973. cover title, ix+384 p. il. 4° [Mashinostroyeniye Press, Moscow, 1968.]  $\Phi$  Paper, \$6.00.
- 31658 F-760. Astrometry and astrophysics: no. 9, Research of sun and stars [articles, with lists of references]; edited by V. I. Voroshilov. July 1973. cover title, vi+194 p. il. 4° [Naukova Dumka Press, Kiev, 1970.]  $\Phi$  Paper, \$3.00.
- 31659 F-762. Problems of space biology: v. 21, Tissue oxygen under extreme flight factors [with list of references]; by Ye. A. Kovalenko and I. N. Chernyakov. Aug. 1973. cover title, ix+255 p. il. 4° [Publication of Nauka Press, Moscow, 1972.]  $\Phi$  Paper, \$3.00.
- 31660 F-769. Methods and techniques of airframe strength flight tests [with list of references]; by A. I. Gudkov and P. S. Leshakov. Aug. 1973. cover title, xii+213 p. il. 4° [From Mashinostroyeniye Press, Moscow, 1972.]  $\Phi$  Paper, \$3.00.
- 31661 F-797. Methods of investigating variable stars [articles, with lists of references]; edited by V. B. Nikonov. July 1973. cover title, vii+249 p. il. 4° [Translation of Metody issledovaniya peremennykh zvezd, Mauka Press, Moscow, 1971.]  $\Phi$  Paper, \$3.00.
- 31662 Scientific and technical aerospace reports, semiannual indexes, v. 11, no. 1-12, Jan.-June 1973. June 30, 1973. cover title, [882] p. 4° \* Paper, \$6.75. ● Item 830-K NAS 1.9/5: 11/1-12

NOTE.—Also sold on subscription. \* Paper, \$37.50 a yr.; \$9.50 additional for foreign mailing.

- 31663 Space and man's environment [statement of James C. Fletcher, before National Wildlife Federation Special Session, Washington, D.C. Mar. 17, 1973]. [1973.] 15 p. narrow 8° † NAS 1.11: F 63

Symposium on significant results obtained from Earth Resources Technology Satellite-1, Mar. 5-9, 1973. May 1973. (Goddard Space Flight Center.)

- 31664 v. 2. Summary of results; edited by Stanley C. Freden and Enrico P. Mercanti and Donald E. Witten. vi+198 p. il. 4° [Volume 1. Technical presentations, issued as NASA SP-327, sec. A and B. Some illustrations are colored.]  $\Phi$  Paper, \$3.00. NAS 1.2: Ea 7/5/973/v.2  
L.C. card 73-600115
- 31664A v. 3. Discipline summary report; edited by Stanley C. Freden and Enrico P. Mercanti. v+118 p. 4°  $\Phi$  Paper, \$3.00. NAS 1.2: Ea 7/5/973/v.3

NATIONAL AIR AND SPACE MUSEUM, Smithsonian Institution, Washington, DC 20560

- 31665 Ballooning, 1782-1972 [with selected bibliography; by Roger Pineau]. 1972. 88 p. il. 4° [Catalog of an exhibition held in the Arts and Industries Building, Feb.-Dec. 1972.] \* Paper, \$2.00 (S/N 4705-00010). L.C. card 72-10226 SI 9.2: B 21/782-972

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

General information leaflet.

- 31666 22. Regional branches of National Archives. [1973.] [2]+7 p. narrow 8° ((73-33.1) † GS 4.2: 22/3
- 31667 List of record groups of National Archives and Records Service. July 1973. cover title, iii+40 p. 4° [Replaces list of Jan. 1972.] † GS 4.19: 973

$\Phi$ For Sale by National Technical Information Service, Springfield, VA 22151

●Sent to Depository Libraries

Page 63

## GOVERNMENT PUBLICATIONS

National Archives microfilm publications: Pamphlet describing M. (National Archives.)

- 31688 866. Records of Constitutional Convention of 1787. 1972. cover title, 9 p. † (Single copies only) GS 4.20 : 866

PI [Preliminary inventory].

- 31669 173. Preliminary inventory of records of Reconstruction Finance Corp. 1932-64; compiled by Charles Zaid. 1973. viii+90 p. 4° (Record group 234; [Publication 73-44].) † (Single copies only) GS 4.10 : 173  
L.C. card 73-600147

Reference information paper.

- 31670 85. Transportation in nineteenth-century America, survey of cartographic records in National Archives of United States; compiled by Patrick D. McLaughlin. 1973. vii+15 p. (73-42). † GS 4.15 : 65
- 31671 Select audiovisual records, Negro art from Harmon Foundation; [prepared by Rodney J. Cash]. [1973.] [2]+6 p. il. narrow 8° ([73-11].) † GS 4.2 : N 31

Special list.

- 31672 33. Tabular analysis of records of U.S. colored troops and their predecessor units in National Archives of United States; compiled by Joseph B. Ross. 1973. vii+27 p. 4° ([73-84].) † GS 4.7 : 33  
L.C. card 73-600083

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

Federal information processing standards publications, FIPS pub. [Issued with perforations.] \* Paper, \$21.50 (including all new FIPS publications and supplements for an indefinite period), \$5.50 additional for foreign mailing; single copies vary in price. ● Item 248-D  
C 13.52 : (nos.)

- 31673 8-3. Standard metropolitan statistical areas. Aug. 15, 1973. 20 p. 4° (Federal general data standard representations and codes.) [Supersedes FIPS pub. 8-2, Nov. 1, 1972.] \* Paper, 55c. C 13.52 : 8-3

Special publications. ● Item 247

C 13.10 : (nos.)

- 31674 304. Modernized metric system; [colored chart poster]. Revised Oct. 1972. [1972.] 29 x 45 in. \* Paper, 55c.
- 31675 383. Creative partnership, Government and professional services, proceedings of 4th Users-Producers Conference sponsored by Technical Analysis Division, Institute for Applied Technology in cooperation with Center for Study of Private Enterprise, American University, held at Gaithersburg, Md., Jan. 23, 1973; edited by James D. Johnson. Aug. 1973. vi+136 p. 4° \* Paper, \$2.10.  
L.C. card 73-600194

Technical notes. ● Item 249-A

C 13.45 : (nos.)

- 31676 633. Critical two-phase flow for cryogenic fluids [with bibliography]; by R. V. Smith, K. R. Randall and R. Epp. Jan. 1973. v+74 p. il. 4° \* Paper, 70c.
- 31677 789. Rigorous correction procedure for quantitative electron probe microanalysis (COR 2) [with list of references; by] Jean Henoc, Kurt F. J. Heinrich and Robert L. Myklebust. Aug. 1973. iv+128 p. il. 4° \* Paper, \$2.10.
- 31678 774. Fire service location-allocation models [with list of references; by] Donald Colner and David Gilsinn. June 1973. [4]+42 p. il. 4° \* Paper, 75c.
- 31679 790. MIDAS, modular interactive data acquisition system, description and specification [with list of references]; by Charles H. Popenoe and Mack S. Campbell. Aug. 1973. vi+42+[1] p. il. 4° \* Paper, 75c.
- 36180 791. Dose calibrator pilot study; [by] S. B. Carfinkel and G. J. Hine. Aug. 1973. [2]+4+[1] p. 4° \* Paper, 30c.

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

- 31681 Cancer of mouth; [prepared by Public Affairs Office, National Cancer Program]. [Revised 1973.] [1973.] 8 p. narrow 8° [DHEW publication (NIH) 73-118.] \* Paper, 15c. (S/N 1742-00054). ● Item 507-G-2  
HE 20.3152 : M 86/973

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



NOVEMBER 1973

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

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

- 31682 21. Charges for care and sources of payment for residents in nursing homes, United States, June-Aug. 1969. July 1973. iv+69 p. il. 4° (DHEW publication (HRA) 74-1706; [Division of Health Resources Statistics.]) [Prepared in cooperation with Bureau of Census.] \* Paper, 95c. ● Item 500-E L.C. card 73-600043 HE 20.2210: 12/21

— Series 14, Data on national health resources.

- 31683 14. Podiatry manpower: general profile, United States, 1970; [by Hugo K. Koch and Hazel M. Phillips]. Aug. 1973. iii+52 p. il. 4° (DHEW publication (HRA) 74-1805; [Division of Health Resources Statistics.]) \* Paper, 50c. ● Item 500-E L.C. card 73-600217 HE 20.2210: 14/10

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

- 31684 Fair hearings in public assistance, July-Dec. 1971. Mar. 15, 1973. [1]+6 +13 p. 4° (DHEW publication (SRS) 73-03253; NCSS report E-8.) [Issued with perforations.] † HE 17.644: 971-2

NATIONAL COMMISSION ON MATERIALS POLICY  
1016 16th St., NW., Washington, DC 20036

NOTE.—The National Commission on Materials Policy was established by Public Law 91-512, approved October 26, 1970.

- 31685 Material needs and environment today and tomorrow, final report, June 1973. [1973.] [312] p. il. 4° \* Paper, \$3.20 (S/N 5203-00005). ● Item 1089 L.C. card 73-600202 Y 3.M 41: 2N 28

NATIONAL CREDIT UNION ADMINISTRATION  
1325 K St. NW., Washington, DC 20256

- 31686 Federal credit unions. [Slightly revised June 1973.] [1973.] [10] p. il. narrow 12° (NOUA 8005.) \* Paper, \$6.50 per 100; single copy, 10c. ● Item 526 NCU 1.2: F 31/973

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

- 31687 Program announcement 1973-74. [1973.] cover title, 31 p. † ● Item 831-B-1 NF 3.2: P 94/2/973-74

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

- 31688 Dietary management of hyperlipoproteinemia, handbook for physicians and dietitians; [with bibliographies]. [Revised 1973.] [1973.] cover title, xiv+95 p. [DHEW publication (NIH) 73-110.] [Text on p. 2-3 of cover.] † ● Item 507-E-2 HE 20.3208: H 99/973

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

- 31689 Working with chlorine. 1973. [6] p. il. narrow 8° (HSM 73-11004.) † ● Item 499-F-2 HE 20.2802: O 45

☐For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

Page 65

GOVERNMENT PUBLICATIONS

NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS  
DISEASES, Health, Education, and Welfare Dept.  
Bethesda, MD 20014

- 31690 Manual of tissue typing techniques [with lists of references]; edited by John G. Ray, jr., Donald B. Hare, Donald E. Kayhoe. July 1973. [6]+147 p. il. 4° (DHEW publication (NIH) 74-545; Transplantation and Immunology Branch, Collaborative Research.) † ● Item 505-A-2  
HE 20.3258: T 52/973

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

- 31691 Extramural program of research on aging of National Institute of Child Health and Human Development, fiscal year 1972; prepared by Program Statistics and Analysis Branch. [1973.] iii+197 p. 4° † ● Item 506-D-2  
HE 20.3352: Ag 4/972
- 31692 Relationships between speech and reading [with list of references; by] Ignatius G. Mattingly and James F. Kavanagh. [1973.] 23 p. il. oblong 24° (DHEW publication (NIH) 73-475; Office of Public Information.) [Adapted from article in Linguistic reporter, Oct. 1972.] † ● Item 506-D-2  
HE 20.3352: Sp 3

NATIONAL INSTITUTE OF EDUCATION, Health, Education,  
and Welfare Dept., Washington, DC 20202

NOTE.—The National Institute of Education was established by Public law 92-318, approved June 23, 1972.

Center for Vocational and Technical Education, Ohio State University:  
Research and development series.

- 31693 88. Business data processing occupational performance survey; [by] Sidney D. Borcher and John W. Joyner. Mar. 1973. vii+84 p. il. 4° [Interim report on project conducted under Project 7-0158; Grant OEG-3-7-000158-2034.] \* Paper, \$1.25. ● Item 461-D-1  
HE 18.11: 88

NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH  
SCIENCES, Health, Education, and Welfare Dept.  
Bethesda, MD 20014

- 31694 Environmental health perspectives, experimental issue 4 [with lists of references; edited by] Douglas H. K. Lee [and others]. May 1973. iii+108 p. (DHEW publication (NIH) 73-218.) [Text on p. 2-3 of cover.] † ● Item 507-P-2  
HE 20.3559: exp.4

NATIONAL INSTITUTE OF MENTAL HEALTH, Health, Education,  
and Welfare Dept., Chevy Chase, MD 20015

- 31695 Crime and delinquency issues, monograph series. (Center for Studies of Crime and Delinquency.)  
Competency to stand trial and mental illness, final report, Laboratory of Community Psychiatry, Harvard Medical School, Sept. 1, 1966-June 30, 1972 [with list of references]. [1973.] ix+125 p. il. ([Publication (HSM) 73-9105.]) \* Paper, 90c. ● Item 507-B-13  
L.C. card 73-602723  
HE 20.3809: C 73
- Mental health statistics: Series B, Analytical and special study reports.
- 31696 3. Utilization of mental health resources by persons diagnosed with schizophrenia [with list of references; by] Carl A. Taube [and] Richard Redick 1973. v+31 p. il. 4° ([DHEW publication (HSM) 73-9110.]) \* Paper, 75c. ● Item 491-A  
L.C. card 73-602451  
HE 20.2415: B/3

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Not Available for Sale or Distribution

NOVEMBER 1973

- 31697 Private funds for mental health research, annotated and cross-referenced list of foundations and other private organizations that support research in mental health [with bibliography]; developed and written by Foster S. Buchtel, Howard E. Ferris and Michael J. Walters. [1973.] v+89 p. oblong, 12° [Prepared under contract no. HSM-42-71-116 with Behavioral Sciences Research Branch, Division of Extramural Research Programs.] † ● Item 507-B-5  
L.C. card 73-602494 HE 20.2402: M 52/3
- 31698 Promoting mental health in classroom, handbook for teachers [with bibliographies; by] Karen Rohne Pritchett Todd. 1973. vii+87 p. il. 4° (Center for Studies of Child and Family Mental Health; DHEW publication (HSM) 73-9033.) [Contract NIH 70-526.] \* Paper, \$1.25 (S/N 1724-00286). ● Item 507-B-10  
HE 20.2408: C 56
- 31699 Special report, 1973, depressive disorders [with list of references]; by Steven K. Secunda [and others]. Jan. 1973. [3]+57 p. 4° ([DHEW publication (HSM) 73-9157.]) \* Paper, 75c. (S/N 1724-00325). ● Item 507-B-5  
HE 20.2402: D 44/4/973

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

- 31700 Hearing loss, hope through research; [prepared by Office of Public Affairs.] [Revised 1973.] [1973.] 34+[1] p. il. narrow 8° ([DHEW publication (NIH) 73-157, Public Health Service publication 207.]) \* Paper, 45c. (S/N 1749-00042). ● Item 507-L-2  
HE 20.3502: H 35/2

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

- 31701 NIH publications list. July 1973. v+35 p. (DHEW publication (NIH) 74-7; Publications and Reports Branch, Office of Information, Office of Director.) † ● Item 506-A  
HE 20.3009: 973
- 31702 Public Health Service grants and awards, fiscal year 1972 funds: pt. 6, National Institutes of Health, State and organization summary tables; [prepared by Division of Research Grants, Statistics and Analysis Branch]. [1973.] viii+489 p. (DHEW publication (NIH) 73-194.) \* Paper, \$3.10 (S/N 1740-00362).  
HE 20.3013: 972/pt.6
- 31703 Scientific directory, 1973, and annual bibliography, 1972. Mar. 1973. v+321 p. (DHEW publication (NIH) 73-4; Office of Information.) \* Paper, \$2.35 (S/N 1740-00359). ● Item 506-A-5  
HE 20.3017: 973

NATIONAL LABOR RELATIONS BOARD  
Washington, DC 20570

- 31704 Decisions and orders of National Labor Relations Board, v. 188, Jan. 25-Mar. 17, 1971. 1973. xii+981 p. 4° \* Cloth, \$10.75 (S/N 3100-0100).  
● Item 826 LR 1.8: 188
- 31705 Decisions and orders of National Labor Relations Board, v. 194, Nov. 3, 1971-Jan. 24, 1972. 1973. xv+1239 p. 4° \* Cloth, \$13.20 (S/N 3100-0106). ● Item 826  
LR 1.8: 194
- 31706 Is the NLRB still alive? remarks of Edward B. Miller, Chairman, National Labor Relations Board, before Texas Bar Association, Fort Worth, Tex., July 6, 1973. [1973.] 16 p. 4° (R-1293.) †  
LR 1.7: M 61/9
- 31707 Routes to reform, remarks of Edward B. Miller, Chairman, National Labor Relations Board, before Labor Relations Law Section, American Bar Association, Washington, D.C., Aug. 7, 1973. Aug. 7, 1973. 17 p. 4° (R-1297.) †  
LR 1.7: M 61/8
- 31708 Summary of National labor relations act. [1973.] cover title, 30 p. \* Paper, 35c. (S/N 3100-00127). ● Item 828  
LR 1.5: L 11/8/973-2

☐For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

Page 67

## GOVERNMENT PUBLICATIONS

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

- 31709 National Library of Medicine. Revised June 1973. [1973.] [2]+16 p. il.  
oblong, 24" † ● Item 508-D HE 20.3602: N 21/2/973

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

- Current fisheries statistics (series). † ● Item 610-A C 55.309/2:(nos.)
- 31710 6105. Imports and exports of fishery products, annual summary 1972. July 13,  
1973. 8 p. 4°
- 31711 6120. Florida landings, annual summary, 1972. Aug. 1, 1973. 17 p. 4° [Pre-  
pared in cooperation with Florida Department of Natural Resources,  
Tallahassee, Fla.]
- Fishery market development series.
- 31712 8. Let's cook fish! complete guide to fish cookery. [1972.] 54 p. il. narrow 8°  
\* Paper, \$1.25. C 55.320:8

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

- 31713 Great Lakes pilot, 1973, supp. 2, June 1973, corrections and additions to  
1973 Great Lakes pilot. [1973.] [2] p.+23 leaves (Lake Survey Center.)  
[Bearings are true and distances are expressed in statute miles. Supple-  
ments information given upon charts published by Lake Survey Center.]  
† Lake Survey Center, 630 Federal Building, Detroit, MI 48226  
C 55.420: 973/supp.2
- 31714 Great Lakes pilot, 1973, supp. 3, July 1973, corrections and additions to  
1973 Great Lakes pilot. [1973.] [2]p.+14+[1] leaves (Lake Survey  
Center.) [Bearings are true and distances are expressed in statute miles.  
Supplements information given upon charts published by Lake Survey  
Center.] † Lake Survey Center, 630 Federal Building, Detroit, MI  
48226 C 55.420: 973/supp.3
- 31715 Great Lakes pilot, 1973, supp. 4, Aug. 1973, corrections and additions to  
1973 Great Lakes pilot. [1973.] [2]p.+13 leaves. (Lake Survey Center.)  
[Bearings are true and distances are expressed in statute miles. Supple-  
ments information given upon charts published by Lake Survey Center.]  
† Lake Survey Center, 630 Federal Bldg., Detroit, MI 48226  
C 55.420: 973/supp.4
- 31716 Tide tables high and low water predictions 1974: Europe and west coast  
of Africa including Mediterranean Sea. 1973. vi+205 p. il. 4° [Index  
map of tide tables coverage on p. 2 of cover. Includes list of publications  
relating to tides and tidal currents.] † Paper, \$2.00. ● Item 198  
C 55.421/3: 974
- 31717 United States coast pilot 3, Atlantic Coast: Sandy Hook to Cape Henry.  
11th edition, July 1973. 1973. v+210+20+12 p. il. 4° [Corrected through  
Notice to mariners, 22, June 2, 1973.] † Paper, \$2.00. ● Item 203  
C 55.422: 3/11

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

- 31718 International Field Year for Great Lakes, IFYGL bulletin, no. 7, July 1973.  
iv+91 p. il. 4° [The International Field Year for Great Lakes is a  
joint Canadian-United States program and part of International Hydro-  
logical Decade, 1965-74.] † ● Item 250-E-10 C 55.21: 7
- NOAA technical memorandum. (Environmental Research Laboratories,  
Boulder, Colo.)
- 31719 ERL ORSS-6. MANIP, computer system for algebra and analytic differentiation  
[with selected bibliography; by] Bernice Bender. Nov. 1972.  
iii+27 p. 4° (Office of Research Support Services.) †  
C 55.13/2: ERL ORSS-6

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

## NOVEMBER 1973

— (National Ocean Survey, Lake Survey Center, Detroit, Mich.)

- 31720 NOS LSC D 4. Great Lakes ice cover, winter 1970-71; [by] R. A. Assel. Sept. 1972. [3]+10 p. 00 p. of maps and charts, 4° (Limnology Division.) † Lake Survey Center, 630 Federal Bldg., Detroit, MI 48226 (Price upon application) C 55.13/2 : NOS LSC D 4

NOAA technical reports. (Environmental Data Service.)

- 31721 EDS 11. Note on gamma distribution computer program and graph paper [with list of references; by] Harold L. Crutcher, Gerald L. Barger, Grady F. McKay, Apr. 1973. iii+92 p. ll. 5 pl. 4° \* Paper, \$1.75. ● Item 208-B-7 C 55.13 : EDS 11

— (Environmental Research Laboratories, Boulder, Colo.)

C 55.13 : (letters-nos.)

- 31722 ERL 265-APCL 26. Modification of Great Lakes winter storms [with list of references; by] Helmut K. Weickmann. Jan. 1973. x+103 p. ll. 4° \* Paper, \$1.65. ● Item 208-B-7
- 31723 ERL 267-ESL 30. Contributions to seismic zoning [papers, with list of references]; Samuel T. Harding, editor. May 1973. v+94 p. ll. 4° \* Paper, \$1.30. ● Item 208-B-7
- 31724 ERL 269-APCL 28. MINIMAX, Fortran computer program to assemble machine code for interdata model 70 minicomputer on control-data 3800; [by] Heinz H. Grote. Apr. 1973. iv+124 p. 4° \* Paper, \$1.85. ● Item 208-B-7
- 31725 ERL 270-WMPO 2. Diode and thermocouple airborne temperature sensors [with list of references; by] G. Conrad, L. N. DeVol, J. E. Gunnoe. Mar. 1973. iv+19 p. ll. 4° ([Weather Modification Program Office.]) \* Paper, 50c. ● Item 208-B-7

— (National Marine Fisheries Service.)

- 31726 NMFS-CIRC-381. Fishery publications, calendar year 1967, lists and indexes; [by] Lee C. Thorson and Mary Ellen Engett. July 1973. iv+22 p. ll. 4° \* Paper, 35c. ● Item 208-B-7 C 55.13 : NMFS CIRC-381

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

Instrument fact sheet IFS (series).

- 31727 73010. Model 4100 graphic recorder, BPC Labs, Inc., Beverly, Mass. June 1973. 8 p. ll. 4° [Issued with perforations.] † C 55.71 : 73010

Technical bulletin.

- 31728 RN-1008. Field test report on interocean acoustic release devices. May 1973. 11 p. ll. 4° [Issued with perforations.] † C 55.73 : RN-1008

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

- 31729 Bryce Canyon National Park, Utah. [1973.] [2] p. ll. oblong large 8° folded into narrow 24° size. † ● Item 651 I 29.6 : B 84/4/973
- 31730 Cedar Breaks National Monument, Utah. [Revised 1973.] [1973.] [2] p. ll. 4° folded into narrow 24° size. † ● Item 650 I 29.21 : C 326/2/973
- 31731 Coulee Dam National Recreation Area, Wash. [Revised 1973.] [1973.] [2] p. ll. oblong large 8° folded into narrow 24° size. † ● Item 654 I 29.39 : C 83/3/973
- 31732 Grand Teton National Park, John D. Rockefeller, jr., Memorial Parkway, Wyo. [1973.] [2] p. ll. oblong large 8° folded into narrow 24° size. † ● Item 651 I 29.6 : G 76/20/973
- 31733 Pecos [National Monument, N. Mex.]. [1973.] [2] p. ll. large 4°, folded into narrow 16° size. \* Paper, 20c. ● Item 650 I 29.21 : P 33/973
- 31734 San Juan Island [National Historical Park]. [1973.] [2] p. ll. oblong f° folded into narrow 16° size. † ● Item 650 I 29.21 : Sa 5j/2/973
- 31735 Shenandoah National Park, Va. [Revised 1973.] [1973.] [2] p. ll. large 8° folded into narrow 24° size. † ● Item 651 I 29.6 : Sh 4/15/973

‡For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 31736 Yellowstone National Park, Grand Teton National Park, and John D. Rockefeller, jr., National Parkway, maps: Map of Yellowstone National Park. Scale, 1.8 in.=5 m. Revised 1973. 1973. 24 x 18 in. [Map of Grand Teton on verso. Scale, 2.3 in.=5 m.] \* Paper, 25c. ● Item 651-A  
I 29.8: Y 3/2/973

NATIONAL PORTRAIT GALLERY, Smithsonian Institution  
Washington, DC 20560

- 31737 Black presence in era of American Revolution 1770-1800 [with bibliography]; by Lisa W. Strick. 1973. 71 p. il. 4° \* Paper, \$2.05 (S/N 4706-00012). ● Item 922-B  
L.C. card 73-13618 SI 11.2: B 56/770-800

NATIONAL SCIENCE FOUNDATION  
Washington, DC 20550

- 31738 Immigrant scientists and engineers in United States, study of characteristics and attitudes; [prepared by Division of Science Resources Studies.] [Feb. 1973.] vii+101 p. il. 4° (Survey of science resources series; NSF 73-302.) \* Paper, \$1.25 (S/N 3800-00143). ● Item 834-T  
L.C. card 73-602466 NS 1.22: Sci 2/3

National Science Board NSB (series).

- 31739 73-1. Science indicators 1972, report of National Science Board. 1973. viii+145 p. il. 4° \* Paper, \$3.35 (S/N 3800-00146). ● Item 834-Z  
NS 1.28: 73-1

- 31740 Science resources studies highlights: Graduate science enrollment declines 2 percent from 1971-72; prepared in Universities and Nonprofit Institutions Studies Group, Division of Scientific Resources Studies. Aug. 16, 1973. 4 p. il. 4° (NSF 73-310.) † NS 1.31: G 75/4

- 31741 — Selected characteristics of 5 engineering and scientific occupational groups, 1972 (preliminary); prepared in Manpower Utilization Studies Group, Division of Science Resources Studies. July 20, 1973. 8 p. il. 4° (NSF 73-306.) † NS 1.31: En 3/2

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

Aircraft accident report NTSB-AAR (series). Φ (Price upon application). TD 1.112: (nos.)

- 31742 73-3. Delta Air Lines, Inc., McDonnell Douglas DC-9-14, N3305L Greater Southwest International Airport, Fort Worth, Tex., May 30, 1972; adopted Mar. 30, 1973. [1973.] iii+46 p. il. 4° (File 1-0003; SA-432)
- 31743 73-8. Mohawk Airlines, Inc., Fairchild Hiller FH-227B, N7818M, Albany, N.Y., Mar. 3, 1972; adopted Apr. 11, 1973. [1973.] iii+74 p. il. 4° (File 1-0001; SA-431.) [Erratum, 1 p. issued also.] TD 1.112: 73-8
- 31744 73-9. North Central Airlines, Inc., Allison Convair 340/440 [CV-580], N90858 and Air Wisconsin Inc., DHC-6, N4043B near Appleton, Wis., June 29, 1972; adopted Apr. 25, 1973. [1973.] iii+35 p. il. 4° (File 1-0005; SA-433.)
- 31745 73-12. Machinery Buyers Corporation, Learjet model 24, N454RN, Atlanta, Ga., Feb. 26, 1973; adopted May 30, 1973. [1973.] iv+10 p. il. 4° (File 3-0186.)
- 31746 National Transportation Safety Board annual report to Congress, 1972. [1973.] viii+63 p. il. \* Paper, 55c. (S/N 5000-00068). ● Item 982-I  
TD 1.101: 972

NTSB-PSS (series).

- 31747 72-1. Special study, systematic approach to pipeline safety; adopted May 25, 1972 [with list of references]. [1972.] iii+13 p. il. 4° \* Paper, \$3.00.  
TD 1.118/2: 72-1

NATIONAL WEATHER SERVICE, Commerce Dept.  
Washington, DC 20235

- 31748 United States and foreign coastal radio stations accepting ships' weather observation messages. Aug. 1973. cover title, 20 p. il. 4° † ● Item 275  
C 55.102: R 11/2

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

NOVEMBER 1973

NAVAL PERSONNEL BUREAU, Defense Dept.  
Washington, DC 20390

- 31740 Naval Reserve chaplains handbook. [Aug. 5, 1970.] cover title, [186] p. il. 4° (NAVPERS-15983-A.) [Issued with perforations.] ‡ ● Item 403-A  
L.C. card 78-611990 D 208.6/3: C 36/3/973

NAVAL RESEARCH OFFICE, Defense Dept.  
Washington, DC 20390

ACR (series).

- 31750 190. Chemical oceanographic research, present status and future direction, deliberations of workshop held at Naval Postgraduate School, Monterey, Calif., sponsored by Naval Research Office, Dec. 11-15, 1972. [with list of references]. [1973.] viii+80 p. 4° ‡ D 210.15: ACR 190
- 31751 1972 review, Naval Research Laboratory. [1973.] cover title, x+235 p. il. 4° [Includes list of contributions to science and technology.] ‡ D 210.17/2: 972

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

- 31752 7477. Nuclear and ion beam techniques for surface and near-surface analysis [with list of references; by] Eligius A. Wollckl. Dec. 13, 1972. cover title, iii+50 p. il. 4° (Nuclear Sciences Division.) ‡
- 31753 7546. Biological deterioration of woods in tropical environments: pt. 4. Long-term resistance to terrestrial fungi and termites [with list of references; by] Charles R. Southwell and John D. Bultman. Apr. 9, 1973. cover title, ii+26 p. il. 4° [NRL problem G04-01, project RR 104-03-41-5503.] Φ (Price upon application, AD 761993).
- 31754 7564. Algebraic manipulation by computer [with list of references; by] R. R. Dasenbrock. June 29, 1973. cover title, i+70 p. il. 4° (Operations research group report 73-1.) [NRL problem B01-10, project RR 003-02-41-6152.] Φ (Price upon application, AD 763659).
- 31755 7572. Standard digital data clock-rate generator with programmable digital phase shift [with list of references; by] J. P. Spraitz and G. J. Hillwig. June 29, 1973. cover title, ii+20 p. il. 4° [NRL problem R01-34, project RF21-222-401-4353.] Φ (Price upon application, AD 764049).
- 31756 7575. Crack propagation studies in brittle materials [with list of references; by] S. W. Freiman, D. R. Mulville, and P. W. Mast. July 3, 1973. cover title, iv+16 p. il. 4° [NRL problems F01-03 and F01-04, projects RR023-03-45-5450 and RR023-03-45-5451.] Φ (Price upon application, AD 764045).
- 31757 7579. Use of self-focusing antenna for low-angle tracking [with list of references; by] James H. Hughen. June 28, 1973. cover title, ii+16 p. il. 4° [NRL problem R02-59, project RF-12-151-402-4015.] Φ (Price upon application, AD 764052).
- 31758 7592. Mathematical model for standingwave acoustic parametric source (SWAPS) [with list of references; by] Peter H. Rogers and A. L. VanBuren. July 11, 1973. cover title, ii+14 p. il. 4° [NRL problems S01-63, S01-28, projects SF 11121-601-16727, RR 131-03-41-5225.] Φ (Price upon application, AD 764047).

NAVAL TRAINING COMMAND, Naval Air Station  
Pensacola, FL 32508

NOTE.—The Naval Training Command was established July 1, 1972, and operates under the direction of Chief of Naval Operations.

Rate training manuals. ‡ ● Item 404

- 31759 Hull maintenance tech 3 & 2, 1st edition 1972 [prepared by Naval Training Publications Detachment, Washington, D.C.]. [1973.] cover title, vi+674 p. il. 4° (NAVTRA 10573.) D 207.208/2: H 87/2
- 31760 Yeoman 1 & C; [prepared by Naval Training Publications Detachment]. Revised 1972. [1973.] cover title, iii+191 p. il. 4° [NAVTRA 10241-F.] L.C. card 61-61401 D 207.208/2: Y 4

NAVY DEPARTMENT, Defense Dept.  
Washington, DC 20350

- 31761 Navy birthday, family tradition, Oct. 13, 1973, Navy then and now. [1973.] cover title, [20] p. il. 4° ‡ ● Item 370 D 201.2: N 22/5

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

●Sent to Depository Libraries

Page 71

## GOVERNMENT PUBLICATIONS

### OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION, Labor Dept., Washington, DC 20210

- 31762 Occupational safety and health: v. 4, Other regulations and procedures, Nov. 7, 1972, change 1. Apr. 30, 1973. [68] p. 4° (Office of Standards; [OSHA 2080].) [Issued with perforations.] \* Paper, \$5.50 (including basic manual and supplementary material for an indefinite period); \$1.50 additional for foreign mailing. ● Item 766-F

L 35.6/3-4: 972/ch.1

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

- 31763 Manual of classification, replacement pages, Oct. 1972. [1973.] [224] p. 4° [Includes list of replacement pages. Issued with perforations.] \* Paper, \$14.00 (including basic manual, index and supplementary material for an indefinite period); \$3.50 additional for foreign mailing. ● Item 258

C 21.12: 969/rev. pages-12

### PESTICIDES PROGRAMS OFFICE, Environmental Protection Agency, Chamblee, GA 30341

- 31764 Diagnosis & treatment of poisoning by pesticides [with list of selected references]. [1973.] cover title, 15 p. il. † ● Item 473-B-1  
EP 5.2: P 43/2
- 31765 EPA compendium of registered pesticides, v. 3 [Insecticides, acaricides, molluscicides and antifouling compounds] supp. 8. [July 30, 1973.] [176] leaves, 4° (Technical Services Division.) [Issued with perforations.] \* Paper, \$66.00 (including basic manual and supplementary material for an indefinite period); \$16.50 additional for foreign mailing. ● Item 473-B-3  
L.C. card 73-600835

EP 5.11/3: 972/supp.8

### PRESIDENT OF UNITED STATES Washington, DC 20501

- 31766 Aerobic dancing, rhythmic sport, originated and choreographed by Jacki Sorensen. [1973.] 10 p. 4° (President's Council on Physical Fitness and Sports.) † President's Council on Physical Fitness and Sports, Washington, D.C. 20202 ● Item 851-J (Special offer) Pr 37.8: P 56/2/Ae 8
- 31767 Cureton's basic principles of physical fitness work (rules for conducting exercise). [1973.] 4 p. 4° (President's Council on Physical Fitness and Sports.) [Page 4 left blank for notes.] † President's Council on Physical Fitness and Sports, Washington, D.C. 20202. ● Item 851-J (Special offer.) Pr 37.8: P 56/2/C 92
- 31768 Interval training [with list of references]. [1973.] 4+[3] p. 4° (President's Council on Physical Fitness and Sports.) † President's Council on Physical Fitness and Sports, Washington, D.C. 20202 ● Item 851-J (Special offer) Pr 37.8: P 56/2/In 3
- 31769 Jogging guidelines. [1973.] 13 p. 4° (President's Council on Physical Fitness and Sports.) † President's Council on Physical Fitness and Sports, Washington, D.C. 20202 ● Item 851-J (Special offer) Pr 37.8: P 56/2/J 59
- 31770 Motivation factor, as emphasized in LaSierra High School boys physical education program; by Stan LeProtti. [1973.] 12 p. 4° (President's Council on Physical Fitness and Sports.) † President's Council on Physical Fitness and Sports, Washington, D.C. 20202 ● Item 851-J (Special offer) Pr 37.8: P 56/2/M 85
- 31771 National Commission on productivity, 2d annual report Mar. 1973. [1973.] xxvii+99 p. il. \* Paper, 80c. (S/N 4000-00296). ● Item 851-J Pr 37.8: P 94/R 29/973

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



NOVEMBER 1973

- 31772 Physical conditioning through water exercises; by C. Carson Conrad. [1973.] 20 p. 4° (President's Council on Physical Fitness and Sports.) † President's Council on Physical Fitness and Sports, Washington, D.C. 20202 ● Item 851-J (Special offer) Pr 37.8: P 56/2/W 29
- 31773 Trends of research on prevention of physiological aging and value of exercise for fitness and health; [by] Thomas K. Cureton. [1973.] 8 p. 4° (President's Council on Physical Fitness and Sports.) † President's Council on Physical Fitness and Sports, Washington, D.C. 20202 ● Item 851-J (Special offer) Pr 37.8: P 56/2/R 31

RECLAMATION BUREAU, Interior Dept.  
Washington, DC 20240

- 31774 Annual operating plan, Fryingpan-Arkansas project, Colo., 1972 operations, 1973 outlook. [1973.] 18-[24] leaves, il. 4° (Lower Missouri Region Denver, Colo.) [One illustration is colored.] † I 27.62: F 94/972-73
- 31775 Conservation and full utilization of water; [poster]. [1973.] 15.5 x 23 in. \* Paper, 25c. (S/N 2403-00081). I 27.7/3: W 29/2
- 31776 Pa Mong phase 2. 1972. [Prepared for Committee for Coordination of Investigations of Lower Meking Basin and Agency for International Development.] † L.C. card 72-603328 I 27.2: P 19/3/972/app. (nos.)  
app. 2. Drainage. [105] p. il. [One illustration is colored.]  
app. 5. Plans and estimates. [275] p. il. 4° [Some illustrations are colored.]  
app. 6. Economic, agricultural, social, and financial analysis. [272] p. il. [Two illustrations are colored.]
- Power O. and M. report, field review of maintenance. (Division of Power Operation and Maintenance, Engineering and Research Center.) †
- 31777 Communication and control systems, mid-Pacific region; [by G. D. Bullock]. Oct. 1972. cover title, 10 p. il. 4° [Issued with perforations.] I 27.45/2: C 73/2
- 31778 Communication and control system, South Platte River projects, North Platte River projects, region 7; [by G. D. Bullock]. June 1972. cover title, 7 p. il. 4° I 27.45/2: So 8 p/2
- 31779 Electrical equipment, Central Valley project, mid-Pacific region; [by D. J. Voelker]. Mar. 1973. cover title, 10 p. il. 4° [Issued with perforations.] I 27.45/2: C 33/4
- 31780 Electrical equipment, Hungry Horse project, Grand Coulee Dam operations office, Yakima project, region 1; [by J. E. Skuderna]. July 1972. cover title, 13 p. il. 4° [Issued with perforations.] I 27.45/2: H 89
- 31781 Electrical equipment, Minidoka projects, Central Snake projects, region 1; [by J. E. Skuderna]. June 1972. cover title, 14 p. il. 4° [Issued with perforations.] I 27.45/2: M 66/2
- 31782 Mechanical equipment, Columbia Basin project, Boise project, Yakima project, Pacific Northwest region; [by L. M. Johnstone]. Mar. 1973. cover title, 7 p. il. 4° [Issued with perforations.] I 27.45/2: C 72
- 31783 Mechanical equipment, Rio Grande project, region 5; [by L. M. Johnstone]. Dec. 1971. cover title, 3 p. il. 4° [Issued with perforations.] I 27.45/2: R 47/2
- Power O. and M. report, field review of operation and maintenance. (Division of Power Operation and Maintenance, Engineering and Research Center.) †
- 31784 Electrical equipment, North Platte River projects, South Platte River projects, region 7; [by D. J. Voelker]. Nov. & Dec. 1971. cover title, 11+8 p. il. 4° [Issued with perforations.] I 27.45/3: N 81 p.
- 31785 Electrical equipment, Parker-Davis project, Yuman project, Boulder Canyon project, region 3; [by D. J. Voelker]. Jan. 1972. cover title, 12 p. il. 4° [Issued with perforations.] I 27.45/3: P 22
- Republic of Korea, reconnaissance report water resources study, Han River Basin; prepared by Han River Basin Joint Survey Team. [1971.] [Prepared for Republic of Korea, Ministry of Construction, Korea Water Resources Development Corporation and United States Agency of International Development in cooperation with Geological Survey.] † L.C. card 73-602704 I 27.2: H 19+app.v.1-3
- 31786 [Main study] [3] +xvii+83 p. il. map, 4° [Map is colored.]  
app. v. 1. [623] p. il. map, 4° [Map is colored.]  
app. v. 2. [586] p. il. map, 4° [Map is colored.]  
app. v. 3. [631] p. il. map, 4° [Map is colored.]

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

GOVERNMENT PUBLICATIONS

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

- 31787 New vistas for competitive employment of deaf persons [professional papers with lists of references; William N. Craig, James L. Collins, editors]. [1970; reprinted 1973.] cover title, [3]+viii+110 p. [Monograph 2, Feb. 1970, Journal of Rehabilitation of Deaf; supported in part by grant to School of Education, University of Pittsburgh.] †  
● Item 529 HE 17.102: D 63/3
- 31788 Operation Tripod, toward rehabilitation involvement by parents of the deaf, workshop sponsored by Department of Special and Rehabilitative Education, San Fernando Valley State College, Northridge, Calif., Memphis, Tenn., Apr. 21-24, 1971 [with lists of references]; Paul M. Culton, editor. [1973.] vi+100 p. il. 4° [Workshop supported by grant 44-P-48085/9-10.] † ● Item 529  
L.C. card 73-602171 HE 17.102: T 73
- Statistical notes.
- 31789 37. Profile of clients with monthly family incomes less than \$150 who were rehabilitated during fiscal year 1971. July 1973. 11 p. 4° † HE 17.114: 37

RURAL ELECTRIFICATION ADMINISTRATION  
Agriculture Dept., Washington, DC 20250

- 31790 Report of Administrator, Rural Electrification Administration, 1972. [1973.] 51 p. † ● Item 115 A 68.1: 972

SAFETY OFFICE, Transportation Dept.  
Washington, DC 20590

- Railroad accident investigation report.
- 31791 4185. Atchison, Topeka and Santa Fe Ry Co., Duncanville, Tex., June 9, 1972. [June 1973.] [5]+8 p. il. † TD 3.110: 4185

SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549

- 31792 Index to Commission decisions, July 1, 1967-June 30, 1971; prepared by Office of Opinions and Review. [1972.] cover title, ii+93 p. 4° †  
SE 1.11/2: 967-71

SMALL BUSINESS ADMINISTRATION  
Washington, DC 20416

- 31793 Bank/SBA loans: Partnership for small business progress, handbook for banks and other private lending institutions. [1973.] vi+[2]+121 p. 4° [Printed in loose-leaf fashion so that pages may be substituted as programs, forms or policies change.] \* Paper, \$1.50 (S/N 4500-00122).  
● Item 901-P SBA 1.19: B 22
- 31794 SBA story, Small Business Administration, 1972 annual report, v. 1. [1973.] cover title, 40 p. il. 4° \* Paper, 70c. (S/N 4500-00120). ● Item 901-A  
SBA 1.1: 972/v.1
- 31795 Selling to U.S. Government. [June 1973.] cover title, 28 p. il. narrow 12° ([OPI-12]; Office of Public Information.) [Text on p. 2 of cover.] †  
● Item 901-B SBA 1.2: Se 4/973
- 31796 Small Business Administration publications, for-sale booklets. May 1973. [5] p. 4° (SBA 115B.) † ● Item 901-N SBA 1.18: 973-2

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

NOVEMBER 1973

SMITHSONIAN INSTITUTION  
Washington, DC 20560

- 31797 Monotremes and marsupials, reference for zoological institutions [with list of literature cited; by] Larry R. Collins. 1973. vi+323 p. il. 4° ([Smithsonian Institution Publication 4888.]) \* Paper, \$4.20. ● Item 910  
L.C. card 73-5963 SI 1.2: M 75/2
- 31798 Research reports 5, summer 1973. 1973. 8 p. il. 4° † SI 1.37: 5  
Smithsonian contributions to earth sciences. ● Item 910-B  
SI 1.26: (nos.)
- 31799 10. Mineralogy, mineral-chemistry, and composition of Murchison (C2) meteorite [with list of literature cited; by] Louis H. Fuchs, Edward Olsen, and Kenneth J. Jensen. 1973. iv+39 p. il. 4° \* Paper, 75c.  
L.C. card 72-13427
- 31800 11. Underwater television survey of Atlantic outer continental margin near Wilmington Canyon [with list of literature cited; by] Daniel J. Stanley and Peter Fenner. 1973. ii+54 p. il. 4° \* Paper, 65c.  
L.C. card 72-13421
- Smithsonian contributions to zoology. ● Item 910-D SI 1.27: (nos.)
- 31801 145. Frog genus *Atelopus* in Ecuador (Anura: Bufonidae) [with list of references cited; by] James A. Peters. 1973. iii+49 p. il. 4° \* Paper, 85c.  
L.C. card 72-13540
- 31802 152. Evolution of rails of South Atlantic Islands (Aves: Rallidae) [with list of literature cited; by] Storrs L. Olson. 1973. iii+53 p. il. 4° \* Paper, 95c.  
L.C. card 73-2859
- 31803 Smithsonian International Exchange Service, 1972 annual report. 1973. cover title, [8] p. [Text on p. 3 of cover.] † SI 1.1/a 3: 972  
Smithsonian studies in history and technology.
- 31804 20. Alfred, first continental flagship, 1775-78; by John J. McCusker. 1973. cover title, [4]+18+[1] p. il. 4° \* Paper, 50c. (S/N 4700-0231). ● Item 910-F  
L.C. card 72-8652 SI 1.28: 20

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

- 31805 Publications. July 1973. ii+37 p. il. (SRS) 73-02002; Office of Public Affairs.) † HE 17.17: P 96/973  
Working paper.
- 31806 2. Organizational structure and climate implications for agencies, national study of social welfare and rehabilitation workers, work, and organizational contexts [with bibliography; by] Joseph A. Olmstead. Feb. 1973. xv+187 p. il. 4° ((SRS) 73-05403.) \* Paper, \$2.35. ● Item 532-A-10  
HE 17.24: 2

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

- 31807 Earnings distributions in United States, 1968. [1973.] x+342 p. il. 4° (DHEW publication (SSA) 73-11914; Office of Research and Statistics.) [Map on p. 2 of cover.] \* Paper, \$3.70. ● Item 516  
L.C. card 71-179664 HE 3.2: Ea 7/968
- Health insurance statistics: Current Medicare survey report, CMS (series). (Office of Research and Statistics.)
- 31808 26. Supplementary medical insurance, 967-71 trends and fourth quarter 1971. Aug. 15, 1973. 7 p. il. 4° † HE 3.28/4: 26
- 31809 If you become disabled. [July 1973.] 26 p. oblong, 48° ([DHEW publication (SSA) 73-10029.]) \* Paper, 35c. (S/N 1770-00217). ● Item 516  
HE 3.2: D 63/6/973

‡For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

Page 75

## GOVERNMENT PUBLICATIONS

- Research and statistics note, 1973 (series). (Office of Research and Statistics.) † HE 3.28/2: 973/(nos.)
- 31810 13. Social security beneficiaries in metropolitan areas, 1971; [by Barbara A. Linggl, July 13, 1973. 23 p. 4°
- 31811 14. Income of aged population, 1971 money income and changes from 1967; by Gayle B. Thompson. Aug. 6, 1973. 7 p. 4° (DHEW publication (SSA) 74-11701.) [Errata sheet, dated Aug. 31, 1973, 2 p., issued also.] †
- 31812 Service area directory. [Apr. 1973.] [108] p. 4° (SS pub. 33; Bureau of District Office Operations.) † HE 3.2: Se 6/2/973
- 31813 Social security bulletin: Annual statistical supplement, 1971. [1971.] 144 p. 4° (Office of Research and Statistics; DHEW publication (SSA) 74-11700.) Text on p. 2 of cover; illustrations on p. 3-4 of cover.] \* Paper, \$1.50. ● Item 523 HE 3.3/3: 971
- 31814 Your social security check while you're outside the United States. [June 1973.] 23 p. narrow 8° ([DHEW publication (SSA) 73-10137; Social Security Administration SSA-609.]) † ● Item 516 HE 3.2: O 41/973
- 31815 Your social security rights and responsibilities, disability benefits. [June 1973.] 22 p. narrow 12° (SSA-1419; DHEW publication (SSA) 73-10153.) † ● Item 516 HE 3.2: D 63/3/973

### SOIL CONSERVATION SERVICE, Agriculture Dept. Washington, DC 20250

- 31816 Drainage, why do we do it? [1973.] [15] p. il. 4° (Soil Conservation Service, Alexandria, La.) † A 57.2: D 78/6
- 31817 Soil survey: Ashtabula County, Ohio [with list of literature cited; by Neil E. Reeder, Victor L. Riemenschneider and Paul W. Reese]. May 1973. cover title, [1]+114 p. il. 91 p. of pl. and maps, 4° [Prepared in cooperation with Ohio Department of Natural Resources, Division of Lands and Soil and Ohio Agricultural Research and Development Center. Text on p. 2 of cover. One map is colored.] \* Paper, \$9.25. ● Item 102 (Rev. 1957). L.C. card 73-602589 A 57.38: As 3
- 31818 — Berrien and Lanier Counties, Ga. [with list of literature cited; by Joe G. Stevens]. May 1973. cover title, [1]+66 p. il. 61 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.] \* Paper, \$6.55. ● Item 102 (Rev. 1957). L.C. card 73-602632 A 57.38: B 45/2
- 31819 — Fond du Lac County, Wis. [with list of literature cited; by Ernest G. Link]. Apr. 1973. cover title, [1]+116 p. il. 104 p. of pl. and maps, 4° [Prepared in cooperation with University of Wisconsin, Department of Soil Science, Wisconsin Geological and Natural History Survey, and Wisconsin Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] \* Paper, \$10.20. ● Item 102 (Rev. 1957) L.C. card 73-602590 A 57.38: F 73
- 31820 Soil survey: Jefferson County, Okla. [with list of literature cited; by Hubert L. Mobley and William J. Ringwald]. 1973. cover title, [1]+65 p. il. 74 p. of pl. and maps, 4° [Prepared in cooperation with Oklahoma Agricultural Experiment Station, Text on p. 2 of cover. One map is colored.] \* Paper, \$7.00. ● Item 102 (Rev. 1957) L.C. card 73-602640 A 57.38: J 35
- 31821 — Lancaster County, S.C. [with list of literature cited; by Vergil A. Rogers [and others]]. 1973. cover title, [1]+129 p. il. 59 p. of pl. and maps, 4° [Prepared in cooperation with South Carolina Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] \* Paper, \$6.65. ● Item 102 (Rev. 1957) L.C. card 73-602725 A 57.38: L 22

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

## NOVEMBER 1973

- 31822 — Midland County, Tex. [with list of literature cited; by Harold W. Hyde, Nathaniel R. Conner, and Herbert E. Stoner]. Apr. 1973. cover title, [1]+43 p. il. 35 p. of pl. [Prepared in cooperation with Texas Agricultural Experiment Station, Text on p. 2 of cover. One map is colored.] \* Paper, \$3.90. ● Item 102 (Rev. 1957)  
L.C. card 73-602581 A 57.38: M 58
- 31823 — Oktibbeha County, Miss. [with list of literature cited; by Floyd V. Brent, jr.]. July 9, 1973. cover title, [1]+94 p. il. 43 p. of pl. and maps. 4° [Prepared in cooperation with Mississippi Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] \* Paper, \$5.85.  
● Item 102 (Rev. 1957)  
L.C. card 73-602737 A 57.38: Ok 7
- 31824 — Salcha-Big Delta Area, Alaska [with list of literature cited; Dale B. Schoephorster]. June 1973. cover title, [1]+51 p. il. 33 p. of pl. and maps, 4° [Prepared in cooperation with University of Alaska Institute of Agricultural Sciences. Text on p. 2 of cover. One map is colored.] \* Paper, \$4.20. ● Item 102 (Rev. 1957)  
L.C. card 73-602587 A 57.38: Sa 3/2

### Soil survey investigations report.

- 31825 24. Soil survey laboratory data and descriptions for some soils of California. June 1973. [18]+637 p. 4° [Prepared in cooperation with California Agricultural Experiment Station. Map on p. 4 of cover.] \* Paper, \$5.15.  
● Item 121-A A 57.52: 24

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

- 31826 Federal aid in fish and wildlife restoration manual. Revised June 1973. [1973.] cover title, [288] p. il. 4° [Supersedes Federal aid manual (1967), Anadromous fish manual (1971), and regional supplements to these manuals.] † ● Item 612-E I 49.6/2: F 52/2

#### Refuge leaflets. † I 49.44: (nos.)

- 31827 28. Laguna Atascosa National Wildlife Refuge, Redhead Capital, USA. [Sept. 1972.] [2] p. il. oblong, f° folded into narrow 8° size.
- 31828 51. Santa Ana National Wildlife Refuge. [Oct. 1972.] [2] p. il. large 4° folded into narrow 8° size.
- 31829 238. Birds of Brazoria National Wildlife Refuge. [Oct. 1972.] [6] p. il. narrow 8°
- 31830 312. Mammals, Santa Ana National Wildlife Refuge. [Oct. 1972.] [12] p. il. narrow 8°

#### Resource publication.

- 31831 118. Division of Fishery Services, 1972 annual report. June 1973. iv+28 p. il. 4°  
\* Paper, 55c. ● Item 613-B I 49.66: 118

#### Special scientific report: Wildlife (series).

- 31832 168. Preliminary classification of wetland plant communities in north-central Minnesota [with list of literature cited]; by Lewis M. Cowardin and Douglas H. Johnson. 1973. ii+33 p. il. 4° \* Paper, 55c. (S/N 2410-00358). ● Item 614-C I 49.15/3: 168

#### Wildlife leaflet.

- 31833 489. Selected list of Federal laws and treaties relating to sport fish and wildlife. Revised May 1973. [1973.] 7 p. 4° (Office of Legislative Services.) [Issued with perforations.] \* Paper, 20c. (S/N 2410-00357). ● Special offer I 49.13: 489/2

### STATE DEPARTMENT Washington, DC 20520

Background notes. ([Office of Media Services, Bureau of Public Affairs.]) [Issued with perforations.] \* Paper, \$14.50 per yr., \$3.65 additional for foreign mailing; single copies, each 20c. ● Item 862-B

- 31834 Australia [with reading list]. [Revised May 1973.] May 1973. 7 p. il. 4° ([Publication 8149.]) S 1.123: Au 7/2/973
- 31835 Cyprus [with reading list]. [Revised June 1973.] June 1973. 7 p. il. 4° ([Publication 7932.]) \* Paper, 20c. S 1.123: C 99/2/973

♣For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## Background Notes—Continued

- 31836 El Salvador [with reading list]. [Revised May 1973.] May 1973. 6 p. il. 4°  
 ([Publication 7794.]) \* Paper, 20c. S 1.123: E17/973
- 31837 Finland [with reading list]. [Revised May 1973.] May 1973. 6 p. il. 4° ([Publication 8262.]) \* Paper, 20c. S 1.123: F 49/973
- 31838 French Guiana [with reading list]. [Revised May 1973.] May 1973. 4 p. il. 4°  
 ([Publication 8321.]) S 1.123: F 88/973
- 31839 Oman [with reading list]. [Revised Apr. 1973.] Apr. 1973. 5 p. il. 4° ([Publication 8070.]) S 1.123: Om 1
- 31840 Saudi Arabia [with reading list]. [Revised May 1973.] May 1973. 6 p. il. 4°  
 ([Publication 7835.]) \* Paper, 20c. S 1.123: Sa 8/973
- 31841 Seychelles [with reading list]. [Revised May 1973.] May 1973. 4 p. il. 4° ([Publication 8246.]) S 1.123: Se 9/973
- 31842 Sudan [with reading list]. [Revised Apr. 1973.] Apr. 1973. 6 p. il. 4° ([Publication 8022.]) S 1.123: Su 2/973
- 31843 Draft proposals of United States for World Administrative Radio Conference for Maritime Mobile Telecommunications (Geneva, 1974). May 1973. cover title, v+182 p. 4° (TELE-IRAC-73-33.) [Inserts 3 p. and attachment A, 3 p., issued also.] † S 1.2: W 89/4
- 31844 Foreign relations of United States, 1947: v. 1, General: United Nations, 1973. xxiii+1096 p. ([Publication 8674, Historical Office, Bureau of Public Affairs.]) [Errata, 1 p., issued also. Also issued as H. doc. 790, v. 1, 80th Cong. 2d sess.] \* Cloth, \$6.80 (S/N 4400-01475). ● Item 872 S 1.1: 947/v.1
- 31845 Foreign relations of United States, 1948: v. 2, Germany and Austria, 1973. xxx+1575 p. ([Publication 8660, Historical Office, Bureau of Public Affairs.]) [Also issued as H. doc. 381, v. 2, 81st Cong., 1st sess.] \* Cloth, \$8.75 (S/N 4400-01469). ● Item 872 S 1.1: 948/v.2
- International boundary study. [Geographer, [Directorate for Functional Research], Bureau of Intelligence and Research.]
- 31846 137. South Africa—Swaziland boundary [with list of documents]. July 9, 1973. [1]+3 p. map, 4° † S 1.119/3: 137
- International organization and conference series.
- 31847 108. U.S. participation in UN, report by President to Congress for year 1972. [Sept. 1973.] xi+[1]+232+[1] p. il. ([Publication 8731; Bureau of International Organization Affairs.]) [Also issued as H. doc. 53, 93d Congress, 1st sess.] \* Paper, \$1.75 (S/N 4400-01494). ● Item 882-B S 1.70: 108
- Near East and South Asian series. ([Office of Media Services, Bureau of Public Affairs.])
- 31848 82. Israel, 25-year perspective [address by Joseph J. Sisco, Assistant Secretary of State for Near Eastern and South Asian Affairs, delivered at celebration of Israel's 25th anniversary May 7, 1973, Washington, DC]. [July 1973.] 6 p. il. 4° ([Publication 8721.]) \* Paper, 25c. ● Item 883 S 1.86: 82
- 31849 Speaking for State [request for speaker form]. [1973.] [6] p. narrow 8° ([Speakers Division, Bureau of Public Affairs.]) † S 1.2: St 2/21
- 31850 Telephone directory, Department of State, Agency for International Development, Arms Control and Disarmament Agency, Overseas Private Investment Corporation. Aug. 1973. [176] p. 4° [Text on p. 2-4 of cover.] \* Paper, \$1.50. ● Item 867-C S 1.21: 973-3
- Treaties and other international acts series. \* Paper, \$27.00 a yr. (approximately 150 issues), \$6.75 additional for foreign mailing; single copies vary in price. (Issues of \$1.00 or more are not furnished as part of the subscription.) ● Item 899 S 9.10:(nos.)
- 31851 7497. Agricultural commodities, agreement between United States, Bolivia, amending agreement of Mar. 7, 1969, effected by exchange of notes dated La Paz Mar. 24, 1971, and Apr. 20, 1972; [entered into force Apr. 20, 1972]. [1973.] [2]-5 p. [English and Spanish.] \* Paper, 15c. L.C. card 73-600808
- 31852 7522. Agricultural commodities, agreement between United States and Iceland, signed Reykjavik Dec. 4, 1972; [entered into force Dec. 4, 1972]. [1973.] [2]+3 p. \* Paper, 20c.
- 31853 7586. Investment guarantees, agreement between United States and Yemen Arab Republic effected by exchange of notes dated San'a Oct. 22 and Dec. 4, 1972; [entered into force Dec. 4, 1972]. [1973.] [2]+5 p. [English and Arabian.] \* Paper, 15c.

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

## NOVEMBER 1973

- 31854 7597. Trade in wool and man-made fiber textile products, agreement between United States and Malaysia amending agreement of Sept. 8, 1970, effected by exchange of notes dated Kuala Lumpur Dec. 1, 1972, and Feb. 9, 1973; [entered into force Feb. 9, 1973]. [1973.] [2]+3 p.
- 31855 7600. Remote sensing for earth resources, agreement between United States and Brazil effected by exchange of notes signed Washington Apr. 6, 1973; [entered into force Apr. 6, 1973]. [1973.] [2]+9 p. [English and Portuguese.] \* Paper, 20c.
- 31856 7602. Bahamas long range proving ground, expanded use of Ascension Island, agreement between United States and United Kingdom of Great Britain and northern Ireland effected by exchange of notes signed at London Mar. 30, 1973; [entered into force Mar. 30, 1973]. [1973.] [2]+5 p. \* Paper, 15c.
- 31857 7603. Fisheries, shrimp, agreement with agreed minute and exchange of notes, between United States and Brazil signed Brasilia May 9, 1972; [entered into force Feb. 14, 1973]. [1973.] [2]+19 p. [English and Portuguese.] \* Paper, 30c.
- 31858 7604. Prevention of foot-and-mouth disease and rinderpest, agreement between United States and Honduras, effected by exchange of notes, signed Tegucigalpa Nov. 17 and Dec. 20, 1972; [entered into force Dec. 20, 1972] with cooperative agreement between United States Department of Agriculture and Honduran Ministry of Natural Resources, signed at Tegucigalpa, Nov. 17, 1972. [1972.] [2]+11 p. [English and Spanish.] \* Paper, 20c.
- 31859 7606. Reciprocal fishing privileges, agreement between United States and Canada, amending and extending agreement of Apr. 24, 1970, as extended, effected by exchange of notes signed at Washington, Apr. 19, 1973; [entered into force Apr. 19, 1973]. [1973.] [2]+4 p. [English and French.] \* Paper, 15c.
- 31860 7607. Education, financing of exchange programs, agreement between United States and Federal Republic of Germany supplementing agreement of Nov. 20, 1962, as supplemented, effected by exchange of notes dated at Bonn and Bonn-Bad Godesberg, Mar. 2 and 9, 1973; [entered into force Mar. 9, 1973]. [1973.] [2]+4 p. [German and English.] \* Paper, 15c.
- 31861 7608. Agricultural commodities, agreement between United States and Sudan, signed Khartoum Mar. 18, 1973; [entered into force Mar. 18, 1973]. [1973.] [2]+14 p. \* Paper, 20c.
- 31862 7609. Air transport services, agreement between United States and Union of Soviet Socialist Republics extending amendment of Mar. 17, 1972, to agreement of Nov. 4, 1966 effected by exchange of notes dated Moscow Nov. 10, 1972, and Jan. 11, 1973; [entered into force Jan. 11, 1973]. [1973.] [2]+6 p. [English and Russian.] \* Paper, 15c.
- 31863 7611. Certificates of airworthiness for imported aircraft, agreement between United States and Sweden effected by exchange of notes, signed at Stockholm Apr. 24 and 26, 1973; [entered into force Apr. 26, 1973]. [1973.] [2]+8 p. \* Paper, 20c.
- 31864 7613. Cooperation in combating illicit international traffic in narcotics and other dangerous drugs, agreement between United States and Paraguay signed at Asuncion Oct. 26, 1972; [entered into force provisionally Oct. 26, 1972, and definitively Jan. 11, 1973]. [1973.] \* Paper, 15c.
- 31865 7614. Peace Corps, agreement between United States and Oman effected by exchange of notes dated at Muscat Nov. 15 and 28, 1972; [entered into force Nov. 28, 1972]. [1973.] [2]+3 p. \* Paper, 15c.
- 31866 7616. International civil aviation, protocol between United States and other governments done at New York Mar. 12, 1971; [entered into force Jan. 16, 1973]. [1973.] [2]+9 p. [English, French, and Spanish.] \* Paper, 20c.
- 31867 7618. North American Air Defense Command, agreement between United States and Canada extending agreement of May 12, 1958, as extended effected by exchange of notes signed Washington May 10, 1973; [entered into force May 10, 1973]. [1973.] [2]+4 p. 4° \* Paper, 15c.
- 31868 7619. Social security, agreement between United States and United Kingdom of Great Britain and Northern Ireland, effected by exchange of notes, signed London Sept. 23 and 25, 1969; [entered into force Sept. 25, 1969]. [1973.] [2]+4 p. \* Paper, 15c.
- 31869 7620. Social security, agreement between United States and Mexico, effected by exchange of notes, signed Mexico Mar. 27, 1968; [entered into force Mar. 27, 1968]. [1973.] [2]+4 p. [English and Spanish.] \* Paper, 15c.
- 31870 7621. Agricultural commodities, agreement between United States and Republic of Viet-Nam, amending agreement of Oct. 2, 1972, as amended, effected by exchange of notes signed Saigon Apr. 30, 1973; [entered into force Apr. 30, 1973]. [1973.] [2]+3 p. \* Paper, 15c.
- 31871 7623. Agricultural commodities, agreement between United States and Colombia, signed Bogota Apr. 24, 1973; [entered into force Apr. 24, 1973]. [1973.] [2]+7 p. \* Paper, 20c.
- 31872 7626. Trade in cotton textiles, agreement between United States and Czechoslovak Socialist Republic extending agreement of Aug. 29, 1969, as extended, effected by exchange of notes, signed Prague Apr. 24 and 30, 1973; [entered into force Apr. 30, 1973]. [1973.] [2]+2 p. [English and Czech.] \* Paper, 10c.

☐For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

Page 79

## GOVERNMENT PUBLICATIONS

### Treaties and other International Acts and Series—Continued

- 31878 7628. International Council for Exploration of the Sea, convention between United States and other governments, done Copenhagen Sept. 12, 1964. [Entered into force Apr. 18, 1973]. [1973.] [2]+9 p. [English and French.] \* Paper, 20c.
- 31874 7629. Agricultural commodities, agreement between United States and Philippines, amending agreement of May 4, 1972, as amended, effected by exchange of notes signed Manila Mar. 9, 1973; [entered into force Mar. 9, 1973]. [1973.] [2]+2 p. \* Paper, 10c.
- 31875 7632. Trade in wool and man-made fiber textile products, agreement between United States and Republic of Korea, amending annex B to agreement of Jan. 4, 1972, effected by exchange of notes signed in Washington May 14 and 23, 1973; [entered into force May 23, 1973]. [1973.] [2]+2 p. \* Paper, 10c.
- 31876 United States treaties and other international agreements, v. 23, pt. 1, 1972. [1973.] viii+1180+vi p. 10 pl. in pocket, large 8° [Includes Treaties and other international acts series 7265-7379. Text in English and other languages.] \* Cloth, \$17.70 (S/N 4400-01470). ● Item 899-A  
S 9.12: 23/pt.1
- 31877 World strength of Communist Party organizations, 25th annual report, 1973 edition. [July 1973.] cover title, xii+158 p. il. 4° ([Publication 8732.] Bureau of Intelligence and Research.) \* Paper, \$2.35. ● Item 900-B (Rev.)  
S 1.111: 973

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

- 31878 Cattle, number of cattle and calves, July 1, [1973] calf crop 1973. July 26, 1973. 6 p. 4° (LvGn 1 (7-73); Crop Reporting Board.) †  
A 92.18/6-2: 973
- 31879 Tree nuts by States, 1971-72, production, use value. Aug. 1973. 6 p. 4° (FRNT 4-1 (8-73); Crop Reporting Board.) †  
A 92.27: 971-72

### SUPREME COURT Washington, DC 20543

- 31880 United States reports v. 406, Cases adjudged in Supreme Court at Oct. term, 1971, Apr. 21-June 7, 1972; Henry Putzel, jr., reporter of decisions. 1973. lxiii+1049 p. [Also issued in preliminary prints, each case also issued separately. Pages 815-900 purposely omitted; this does not indicate omission in text.] \* Cloth, \$8.30 (S/N 2801-00376). ● Item 741  
Ju 6.8: 406

### TARIFF COMMISSION Washington, DC 20436

- 31881 Imports of benzenoid chemicals and products, 1972, United States general imports of intermediates, dyes, medicinals, flavor and perfume materials, and other finished benzenoid products entered in 1972 under schedule 4, pt. 1, of Tariff schedules of United States. Aug. 1973. cover title, [1]+98 p. 4° (TC publication 601.) †  
TC 1.36: 972
- 31882 Rules of practice and procedure. [Revised Dec. 6, 1972.] [1973.] [2]+17 p. [Published in Federal register Dec. 9, 1972.] † ● Item 982  
TC 1.16: R 86/972

### TENNESSEE VALLEY AUTHORITY Washington, DC 20444

- Technical note. (Division of Forestry, Fisheries, and Wildlife Development.)
- 31883 B5. Wood residues produced at planing mills, Tennessee Valley area. Mar. 1973. cover title, [3]+17 p. 4° †  
Y 3.T 25: 24/B 5

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



NOVEMBER 1973

TRANSPORTATION DEPARTMENT  
Washington, DC 20590

- 31884 Federal-State relations in gas pipeline safety, report to Congress (pursuant to sec. 5, P.L. 92-401, approved Aug. 22, 1972, 86 stat. 616). cover title, [191] p. il. 4° \* Paper, \$2.35 (S/N 5000-00064). ● Item 982-C-1  
L.C. card 73-602316 TD 1.2: G 21
- 31885 Truck-top markings for visual identification [with bibliography]. Aug. 1973. v+70 p. il. (DOT P 5200.8; Office of Secretary.) [Project carried out with assistance of New York City Police Department.] \* Paper, 80c (S/N 5000-00067). ● Item 982-C-5 TD 1.8: T 76

TREASURY DEPARTMENT  
Washington, DC 20220

- 31886 Study of pension plan terminations, 1972, final report. Aug. 1973. [61]+97 p. il. 4° [Prepared in cooperation with Department of Labor.] †  
● Item 925 T 1.2: P 38/2/972

U.S. CUSTOMS SERVICE, Treasury Dept.  
Washington, DC 20229

NOTE.—The Customs Bureau was redesignated United States Custom Service, by Treasury Department Order 165-23, effective August 1, 1973.

- 31887 U.S. customs, trademark information. 12 p. il. narrow 8° \* Paper, 20c. (S/N 4802-00033). ● Item 950 T 17.2: T 67/973

UNITED STATES POSTAL SERVICE  
Washington, DC 20260

[Commemorative stamp posters.]

NOTE.—Commemorative stamp posters, which will be issued irregularly, are available on a subscription basis from the Superintendent of Documents, \$3.00 a yr.; 75c. additional for foreign mailing.

- 31888 8c. Colonial drummer (Rise of spirit of independence series), issue date Sept. 28, 1973, New Orleans, La. [1973.] 10.5 x 8 in. P 1.26/2: C 71
- 31889 Henry Ossawa Tanner commemorative stamp (American arts series), issue date Sept. 10, 1973, Pittsburgh, Pa. [1973.] 10.5 x 8 in. P 1.26+2: T 15
- 31890 Willa Cather commemorative stamp (American arts series), issue date Sept. 20, 1973, Red Cloud, Nebr. [1973.] 10.5 x 8 in. P 1.26/2: C 28
- 31891 Directory of post offices (with ZIP codes) [1973; prepared by Office of Sales Support]. [Mar. 1973.] xviii+488 p. 4° ([Publication 26.] \* Paper, \$4.25 (S/N 3900-00242). ● Item 839 P 1.10/4: 973
- 31892 Postal contracting manual. July 10, 1973. [156] p. 4° (Publication 41.) Includes transmittal letter 13. Issued with perforations.] \* Paper, \$10.50 (including basic manual and changes for 1 year, \$2.75 additional for foreign mailing. ● Item 838-E P 1.12/6: 971/trans.13

VETERANS ADMINISTRATION  
Washington, DC 20420

VA pamphlet.

- 31893 10-54. Nurse careers in VA hospitals, nationwide locations. [June 1973.] 19 p. il. 4° [Supersedes VA pamphlet 10-54, June 1971.] † ● Item 988  
VA 1.19: 10-54/6

VETERANS REEMPLOYMENT RIGHTS OFFICE, Labor Dept.  
Washington, DC 20210

- 31894 Legal guide and case digest supplement, Veterans' reemployment rights under military selective service act and related acts. [1973.] cover title, xiv+239 leaves, 4° [Issued with perforations.] \* Paper, \$5.30.  
● Item 773-A L 25.6/2: L 52/supp.

☛For Sale by National Technical Information Service,  
Springfield, VA 22151

●Sent to Depository Libraries

Page 81

GOVERNMENT PUBLICATIONS

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

- 31885 Federal labor laws [looseleaf system containing laws administered by Wage and Hour Division with regulations and interpretations], transmittal 6. [May 14, 1973.] [98] p. 4° [Issued with perforations.] \* Paper, \$12.00 (including basic book and supplementary materials for an indefinite period); \$4.00 additional for foreign mailing. ● Item 778-B L 36.205/2: 971/trans.6

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

- 31896 Consideration for preparation of operation and maintenance manuals [for municipal wastewater treatment plant, with list of references]; by R. L. Green, G. L. Page, jr., W. M. Johnson. [1973.] xi+239 p. 4° (EPA-430/9-74-001; Operation and Maintenance Programs.) [Contract 68-01-034.] \* Paper, \$2.85. ● Item 607-C EP 2.8: Op 2
- 31897 Federal guidelines, pretreatment of discharges to publicly owned treatment works [with lists of references]. [1973.] cover title, [157] p. 4° † ● Item 607-C EP 2.8: D 63
- 31898 Fluoridation engineering manual [with list of references and suggested reading]; by Ervin Bellack. 1972. viii+94 p. (Water Supply Programs Division.) † EP 2.8: F 67
- 31899 Sanitary survey of drinking water systems on Federal water resource developments, pilot study. Aug. 1971. iii+50 p. il. 4° (Water Hygiene Division.) [Prepared in cooperation with U.S. Army Corps of Engineers and States of Indiana and Ohio.] † EP 2.2: D 83
- Technical study report TS (series). † EP 2.26: (nos.)
- 31900 03-71-208-001.2. Prelimpoundment study of West Point Lake, Ga. [with list of references; by] Robert F. Schneider [and others]. Jan. 1972. [205] p. il. 4° (Southeast Water Lab, Surveillance and Analysis Division.)
- 31901 03-71-208-001.4. Prelimpoundment study, Carters Lake [with list of references]. Mar. 1972. cover title, [68] p. il. 4° (Region 4, Surveillance and Analysis Division.) [Studies conducted by personnel from Federal Water Pollution Control Administration, Southeast Water Laboratory.]
- 31902 03-71-208-07. Water quality and waste treatment requirements on upper Holston River, Kingsport, Tenn. to Cherokee reservoir. July 1972. [159] p. il. 4° (Surveillance and Analysis Division.) [Field investigations by personnel of Technical Services Program with assistance and cooperation from Tennessee Valley Authority and State of Tennessee, Division of Stream Pollution Control.]

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Not Available for Sale or Distribution

# Index

MONTHLY CATALOG NOVEMBER 1973

NOTE.—All publications are indexed by subjects currently in use with cross-references, if necessary, from all key words in the title. Title entries are used when the subject is not apparent in the given title. The name of the writer, reporter, editor, or compiler of the document is used when it appears in the publication. Serial publications are indexed from the series title, in addition to criteria mentioned above.

- A**
- Abaca:**  
disposal from national stockpile—  
law, 30921  
report, 31064
- Abandoned housing research, compendium, 31411**
- Aberdeen Proving Ground, disposition of real property assets, hearings, 31010**
- Ability, lack of bilateral generalization of adaption to auditory rearrangements, 31573**
- Absorbent materials, absorbing materials and control rods for fast reactors, USSR study, 31523**
- Abstracts, see subjects.**
- Academy of Health Sciences, Army, Walter Reed Army Institute of Nursing, educational opportunity in nursing field, 30765**
- Acaricides, EPA compendium of registered pesticides, acaricides, etc., 31765**
- Accidents, Emergency medical services systems development act, hearings, 31153**  
*see also* Aircraft accidents—Motor vehicle accidents—Railroad accidents—Safety of life.
- Accountants:**  
audit guide for use by independent public accountants for urban renewal program, 31436  
examination announcement, 30876
- Accounting, see Accounts and accounting.**
- Accounting machines, current industrial reports, 30845**
- Accounts and accounting:**  
school food service financial management handbook for uniform accounting—  
complete system, 31347  
simplified system, 31348
- Achievement, study of achievement of our nation's students, 31231**
- Acoustics, see Sound.**
- Acquisition management, guide for program management, 30733**
- Acquisition management systems list, 31178-179**
- ACR series, 31750**
- ACTION:**  
ACTION pamphlets, 30686  
bi-annual statistical summary, Peace Corps, volunteer records, 30685  
directory of college student volunteer programs, 30686  
domestic programs, appropriations, 1974, report, 30983
- Acts of Congress, see Law.**
- Actuators, hydrofluidic servomotor development, 30763**
- Addresses, lectures, etc.:**  
by—  
Brennan, Peter J., 31553-554  
Browne, Secor D., 30872  
Dent, Frederiek B., 30892  
Fletcher, James, 31663  
Marland, Sidney P., jr., 31219, 31234  
Miller, Edward B., 31706-7  
Sisco, Joseph J., 31848  
Tabor, John K., 30893  
Wakefield, Stephen A., 31499
- Addresses, lectures, etc.—Continued**  
inaugural addresses from President George Washington to President Richard M. Nixon, print as H.doc., report, 31087  
speaking for State, speaker request forms, 31849
- Administrative Conference of United States, appropriations, 1974, report, 31117**
- Administrative management:**  
acquisition management systems list, DoD manual, 31178-179  
development operational system for evaluating and testing methods and instruments for determining effects of fuels and fuel additives on automobile emissions, 31277  
guide to preparation of operational plans for sewage treatment facilities, 31286  
management engineering policies and procedures, Air Force manual, 30732  
questions and policy issues for oversight hearings on administration of Outer Continental Shelf act, 31498
- ADP, see Electronic data processing systems.**
- Adsorbents, development of design information for molecular-sieve type regenerative CO<sub>2</sub>-removal systems, 31608**
- Adult education, see Education.**
- Adults, adult use of tobacco, 30864**
- Adverse actions and appeals handbook, HUD, 31420**
- Advertising, use of formal advertising for government procurement can, and should, be improved, GAO report, 31385**
- Advisory Commission on Intergovernmental Relations:**  
annual report, 30687  
appropriations, 1974, report, 31117
- Advisory Committee on Federal Pay, appropriations, 1974, report, 31117**
- AEC, see Atomic Energy Commission.**
- Aerial radiological measuring system, measuring survey of area surrounding Shippingport Atomic Power Station, Pa., 30767**
- Aerobic dancing, rhythmic sport, 31766**
- Aerodynamic heating, analytical and experimental studies of shock interference heating in hypersonic flows, 31626**
- Aerodynamics:**  
effect of wing aspect ratio and flap span on aerodynamic characteristics of externally blown jet-flap STOL model, 31629  
low-speed aerodynamic characteristics of fuselage model with various arrangement of elongated lift jets on V/STOL model, 31633  
predicting pressure distribution about nacelle at transonic speeds, analytical method, 31603  
*see also* Spacecraft.
- Aeronautical and Space Sciences Committee, Senate, hearing, 31121**
- Aeronautics:**  
Federal aviation regulations, 31317  
international civil aviation, agreement with other governments, 31866  
long range needs of aviation, report, 30784  
NASA aeronautics, research, etc., 31602  
*see also* Air power.

Do not order from index; see indicated entry

Page 83

## INDEX

- Aerospace, *see* Outer space.  
 Aerospace physiology, *see* Physiology.  
 AFHRL, *see* Air Force Human Resources Laboratory.
- Africa:**  
 Sahel, drought crisis, hearing, 31021  
 southwest coast, sailing directions, 31200  
 west coast, tide tables, 31716  
 AFSC, *see* Air Force Systems Command.
- Aged:**  
 barriers to health care for older Americans, hearings, 31122  
 income of aged population, money income 1971 and changes from 1967, 31811  
 patterns for progress in aging, work study in social gerontology, 30689  
 we the American elderly, 30861  
*see also* Gerontology.
- Agglutination, *see* Hemagglutination.**
- Aging:**  
 extramural program of research on aging of National Institute of Child Health and Human Development, 31691  
 patterns for progress in aging, work study in social gerontology, 30689  
 Research on aging act, 1973, report, 31082  
 trends of research on prevention of physiological aging and value of exercise for fitness and health, 31773  
*see also* Aged.
- Aging, National Institute on, establish, report, 31082**
- Aging, Special Committee on, Senate, hearings, 31122**
- Agribusiness, *see* Agriculture.**
- Agricultural chemicals, *see* Chemicals.**
- Agricultural commodities, *see* Agricultural products.**
- Agricultural credit, rural credit program, nonfarm enterprises, 30711**
- Agricultural economics, *see* Agriculture.**
- Agricultural finance, *see* Agriculture.**
- Agricultural lands, *see* Land.**
- Agricultural products:**  
 agricultural commodities, agreement with—  
   Bolivia, 31851  
   Colombia, 31871  
   Iceland, 31852  
   Philippines, 31874  
   Sudan, 31861  
   Viet-Nam, Republic, 31870  
 exports, limit, report, 30997  
 food and agricultural export director, 31349  
 general information, value of products, economic class, contracts, 1969 census of agriculture, 30792  
 marketing research reports, 30707-708  
 production research reports, 30716
- Agricultural Research Service, ARS series, 30693**
- Agricultural research technicians, jobs as agricultural and biological technicians, biological laboratory technicians, agricultural research technicians, examination announcement, 30882**
- Agriculture:**  
 Agricultural act, amend, report, 31005  
 agricultural economic reports, 30696-697  
 agricultural finance review, 31215  
 Agriculture and consumer protection act, report, 31005  
 agriculture in Vietnam economy, system for economic analysis, 31218  
 census, 1969, general reports, 30789-794  
 census, 1974, financing, availability, etc., hearings, 31039  
 corporate secrecy, agribusiness, hearings, 31166  
 farming in classroom, teacher's guide, 30717  
 farms, number, use of land, size of farms, 1969 census of agriculture, 30789  
 general information, value of products, economic class, contracts, 1969 census of agriculture, 30792
- Agriculture—Continued**  
 professional careers in biological and agricultural sciences, 30874  
 regional agricultural research, quarter century of achievement through cooperative endeavor, 30709
- Agriculture and Forestry Committee, Senate:**  
 hearing, 31123  
 report, 31092
- Agriculture Committee, House, hearing, 31007**
- Agriculture Department:**  
 appropriations, 1974, supplemental proposal, 31056  
 marketing research reports, 30707-708  
 miscellaneous publication, 30709  
 PA [program aid] series, 30710-714  
 statistical bulletin, 30718  
 technical bulletin, 30719
- Ahn, Chung Sung, first report of study to forecast nuclear power plants effects on coastal zones, 30771**
- Air:**  
 gas chromatography, method of determining harmful substances in air and in biological media, USSR study, 31529  
 survey of air and population lead levels in selected American communities, 31270  
*see also* Air pollution.
- Air and Water Programs Office:**  
 publications—  
   AP series, 30720-721  
   APTD series, 30722-728
- Air carriers:**  
 air transport services, agreement with Union Soviet Socialist Republics, 31862  
 local service, unit costs, 30871  
 1972 general overview of air carriers (remarks), 30872
- Air conditioning, equipment, current industrial reports, 30837**
- Air Force:**  
 automated apprenticeship training (AAT), systematized audio-visual approach to self-paced job training, 30729  
 evaluation of item-by-item test administration, 30731  
 management engineering program, policies and procedures manual, 30732  
 use of simulation models pertaining to best mix of aircraft, support personnel, spare parts, and level of repair, 30730
- Air Force Department, Air Force manual, 30732**
- Air Force Human Resources Laboratory, technical reports, 30729-731**
- Air Force Systems Command, pamphlet, 30733**
- Air inlets (aircraft):**  
 investigation of coaxial jet noise and inlet choking using F-111 A airplane, 31649
- Air navigation, ATC procedure for random area navigation routes, 31314**
- Air pollution:**  
 air pollution aspects of emission sources  
   primary production, bibliography with abstracts—  
     aluminum, 30720  
     lead, 30721  
 air quality data, from national air surveillance networks for—  
   metals, 30725  
   nonmetallic inorganic ions, 30724  
   organics, 30723  
 background information for proposed new source performance standards, 30722
- Clean air act, extend—**  
 hearing, 31029  
 law, 30901
- development of X-ray fluorescence spectroscopy in elemental analysis of particulate matter, evaluation of commercial multiple crystal spectrometer instruments, 31273**
- fate of trace constituents of coal during gasification, 31272**

**Air pollution—Continued**  
 guidelines for development of quality assurance program, 31271  
 selected industrial air pollution control equipment, current industrial reports, 30847  
 tactical air power and F-14 appropriations, 1974, authorization, hearings, 31132  
 training institute, curriculum description and recommendations, 30728

**Air safety, see Safety of life.**

**Air speed:**  
 predicting pressure distribution about nacelle at transonic speeds, analytical method, 31603  
 subsonic aerodynamic characteristics of complex planforms, vortex-lattice FORTRAN program for estimating, 31621

**Air traffic:**  
 ATC procedures for random area navigation routes, 31314  
 control—  
   en route air traffic control handbook, 30734  
   flight services handbook, 30735  
   special military operations handbook, 30736  
 frequency of anti-collision observing responses by solo pilots as function of traffic density, ATC traffic warnings, and competing behavior, 30788  
 lateral distribution of aircraft traffic, 31260

**Air transportation, see Air carriers.**

**Aircraft:**  
 aircraft and airport noise, EPA report, 31160  
 aircraft-pavement interaction studies, finite-element model of jointed concrete pavement on non-linear viscous subgrade, 31240  
 audit of programs from special bank account to Lockheed Aircraft Corporation for C-5A aircraft program during quarter ended June 30, 1973, GAO report, 31378  
 certificate of airworthiness for imported aircraft, agreement with Sweden, 31863  
 effect of wing aspect ratio and flap span on aerodynamic characteristics of externally blown jet-flap STOL model, 31629  
 effect of shear on aircraft landing, 31612  
 external loads and aircraft strength, 31657  
 FAA certificated aviation maintenance technician schools, directory, 31315  
 investigation of—  
   aircraft gas turbine combustor having low mass emissions, 30761  
   suction system and boundary-layer characteristics on high-lift, BLC L-19 test aircraft, 30760  
 launching, landing and ground handling equipment, Federal item identification guide, 31180  
 low-speed aerodynamic characteristics of fuselage model with various arrangement of elongated lift jets on V/STOL model, 31633  
 numerical simulation of three-dimensional transonic flow with application to C-141 wing, 31624

**Aircraft accidents:**  
 application of commercial aircraft accident investigation techniques to railroad derailment, 30785  
 frequency of anti-collision observing responses by solo pilots as function of traffic density, ATC traffic warnings, and competing behavior, 30788  
 improved helicopter crashworthiness analytical and design techniques development program, 30759

**Aircraft accidents—Continued**  
 NTSB-AAR series, 31742-745  
 Airframes, methods and techniques of airframe strength flight tests, 31660  
 Airmen, *see* Air Force.

**Airplanes:**  
 airplane noise levels, 31313  
 flight test guide, private pilot airplane, 31841  
*see also* Fighter planes.

**Airports, aircraft and airport noise, EPA report, 31160**

**Airpower, see Air power.**

**Airstrips, see Runways (aeronautics).**

**Airworthiness, see Aircraft.**

**Alabama, draft environmental statement, proposed 1973 Outer Continental Shelf, oil and gas general lease sale, offshore Mississippi, Alabama, and Florida, 31568**

**Alaska:**  
 census of transportation, 1972, truck inventory and use survey, 30813  
 Indians, Alaska natives, 31444  
 research opportunities and needs in taiga of Alaska, 31359  
 trans-Alaska oil and gas pipeline, authorize—  
   hearings, 31026  
   report, 31000

**Albany, N.Y., aircraft accident report, 31743**

**Alcohol, Federal alcohol administration act, regulations, 30737**

**Alexander, James D., Apollo experience report, evolution of rendezvous-maneuver plan for lunar landing missions, 31654**

**Alfred, 1st continental flagship, 1775-78, 31804**

**Algebra:**  
 algebraic manipulation by computer, 31754  
 MANIP, computer system for algebra and analytic differentiation, 31719

**Algonquian Indians, general information, 31445**

**Algorithms, see Mathematics.**

**Aliens:**  
 more needs to be done to reduce number and adverse impact of illegal aliens in United States, GAO report, 31382  
 nonresident and foreign corporations, withholding of tax, 31500

**Also Creek, flood plain information, Orange County, 31248**

**Allen, Hollis H., characterizing vegetation from existing source material for predicting munition height of burst in inaccessible areas, 31258**

**Allen, John J., effects of stress history on resilient response of soils, 31243**

**Alloys, see names of metals, etc.**

**Alma-Ata central seismic station, description, USSR study, 31535**

**Alpha particles, scattering of 42-MeV alpha particles from copper-65, 31642**

**Alter the destiny of your community, 31346**

**Alternative futures and environmental quality, 31311**

**Altitude, boundary-layer electron profiles for entry of a blunt slender body at high altitude, 31637**

**Aluminum, air pollution aspects of emission sources primary aluminum production, bibliography with abstracts, 30720**

**AM series, 30785-788**

**Ambulances, ambulances and other medical emergency vehicles, grants for acquisitions, hearings, 31153**

**Ambulatory care, see Medical care.**

**AMC, see Army Materiel Command.**

**America, see United States.**

**American arts series, commemorative stamp posters, 31889-890**

**American Battle Monuments Commission, assume control of overseas memorials authorize, report, 30975**

**American Falls Dam, Minidoka project, replace under Government or nongovernmental control, report, 31073**

## INDEX

- American history, *see* Naval history.  
 American Indians, *see* Indians.  
 American nationals, *see* Citizens of United States.  
 American Printing House for the Blind, appropriations, 1974, hearings, 31009  
 American revolution, *see* Revolution, 1775-83.  
 American Samoa, county business patterns, 30835  
 American woods, *see* Woods.  
 Analysis, *see* names of substances analyzed or subjects.  
 Analysis (mathematics), *see* Mathematics.  
 And the wheat goes on, 30715  
 Anderson, Peter W., characteristics of water quality and streamflow, Passaic River basin above Little Falls, N.J., 31400  
 Angles, self-focusing antenna for low-angle tracking, 31757  
 Angola economic trends and their implications for United States, 31506  
 Angstroms, *see* Wave lengths.  
 Animals, problems of control of body functions of humans and animals, USSR study, 31521  
**Annuities:**  
     Federal law enforcement and firefighting personnel, increase, hearings, 31038  
     Railroad retirement act, amend, revise annuity eligibility conditions, report, 31071  
     *See also* Civil service pensions.  
 Anomalies, waves, instabilities and anomalous dissipation of parametric plasma in strong electromagnetic field of pumping wave, USSR study, 31534  
 Anomalous nonlinear dissipation of high-frequency radio waves in plasma, 31532  
 Antennas, self-focusing antenna for low-angle tracking, 31757  
 Anticholinesterase, subtle changes in brain functions produced by single doses of mevinphos (phosdrin), 30786  
 Anti-friction bearings, *see* Bearings (machinery).  
 Apache Indians, general information, 31446  
 APCL, *see* Atmospheric Physics and Chemistry Laboratory.  
 Apollo Project, *see* Project Apollo (man-in-space program).  
 Appalachian region:  
     Appalachian research reports, 30747-749  
     capital resources in central Appalachian region, 30748  
     recreation potential in Appalachian highlands, market analysis, 30749  
     spatial concentration of industry in Appalachia, analysis of potential for import substitution, 30747  
     strategy for development in central Appalachia, 30747-748  
 Appalachian Regional Commission, annual reports, 30742-746  
 Appalachian Regional Development Commission, public works appropriations, 1974, report, 30989  
 Appeals, adverse actions and appeals handbook, HUD, 31420  
 Appleton, Wis., aircraft accident report, 31744  
 Application of space program fire-retardant technology to housing, 31644  
**Apprentices.**  
     apprenticeship program and its potential for black Americans (speech), 31554  
     automated apprenticeship training (AAT), systematized audio-visual approach to self-paced job training, 30729  
**Apprenticeships, see** Apprentices.  
 Approach lights, *see* Lights and lighting.  
**Appropriations:**  
     executive, 1973, supplemental, proposal, 30947  
     Appropriations—Continued  
         general Government matters, 1974, continue—  
             law, 30924  
             report, 30990  
         Judiciary, 1973, supplemental, proposal, 30947  
         judiciary, 1974, amendments, 30949, 31058  
         legislative, 1973, supplemental, proposal, 30947, 30950, 30955  
         legislative branch, 1974—  
             amendments, 30949  
             hearings, 31129  
             impoundment control and 1974 expenditure ceiling, report, 30991  
             supplemental, 1973—  
                 proposal, 31053  
                 veto message, 30960  
         *see also* names of departments, etc., for which appropriations are made.  
     Appropriations Committee, House:  
         hearings, 31008-12  
         reports, 30972, 30977, 30983, 30989-990  
     Appropriations Committee, Senate:  
         hearings, 31124-126, 31128-131  
         report, 31117  
     Apricots, growing apricots for home use, 30705  
     Arapaho Indians, general information, 31447  
     Architect of Capitol:  
         appropriations, 1974, legislative, hearings, 31129  
         report, semiannual, 31062  
     Architects, publications of interest to, Hist, 31356  
**Architecture:**  
     dining facility user-attitudes and environmental design research at Travis AFB, Calif., 31239  
     prospects for the past, study of notable architecture, Sheboygan, Wis., 31439  
 Area handbooks, Libya, 30754  
 Area wage survey, *see* Wages.  
 Argentina, production and trade prospects for Argentine oilseeds and their products, 31350  
 Arizona, 1970 census of population, characteristics of population, 30800  
 Arkansas, Arkansas River basin compact, grant consent to Arkansas and Oklahoma, 31074  
 Arkansas River, basin compact, grant consent to Arkansas and Oklahoma, 31074  
**Armed Forces:**  
     personal property traffic management regulation, 31197  
     survivor benefit plan for retired members of uniformed services, 31493  
     tabular analysis of records of U.S. colored troops and their predecessor units in National Archives, 31672  
     tax treatment of survivor benefit plans of uniformed services, report, 30980  
 Armed Forces Institute, bulletin, 31199  
 Armed Services Committee, House, reports, 30976, 30982  
 Armed Services Committee, Senate:  
     hearings, 31132-133  
     reports, 31064, 31101  
 Arms Control and Disarmament Agency:  
     appropriations, 1974, hearings, 31127  
     telephone directory, 31850  
**Army:**  
     Army reorganization for 1970s, assessment of planning, GAO report, 31377  
     medical support of U.S. Army in Vietnam, 30764  
     today's Army wants to join you, 30757  
 Army Air Mobility Research and Development Laboratory, technical reports, 30758-763  
**Army Department:**  
     Army reorganization for 1970s, assessment of planning, GAO report, 31377  
     field manuals, 30751-752

Army Department—Continued  
 index of AMC-sponsored DA administrative publications and DOD publications, 30750  
 pamphlets, 30753-754  
 railway operating and safety rules, technical manual, 30756  
 technical manual, 30756  
 transportation reference data, field manual, 30752  
 Army Material Command:  
 AMC pamphlet, 30750  
 index of AMC-sponsored DA administrative publications and DOD publications, 30750  
 Army Memorial Affairs Agency, appropriations, 1974, hearings, 31130  
 Army Research Office, research in progress, list, 30755  
 Arnett, Alvin J., nominating, hearing, 31156  
 Arrhenius, G., asteroid and comet exploration, 31615  
 Arrington, James P., aerodynamic and flow-visualization studies of 2 delta-wing entry vehicles at Mach number of 20.3, 31631  
 ARS, *see* Agricultural Research Service.  
 Art:  
 Negro art from Harmon Foundation, select audiovisual records, 31671  
 works and reproductions, catalog of copyright entries, 31168  
 Artificial heart, evaluation of practicability of radioisotope thermal converter for artificial heart device, phase 1, final report, 30775  
 Artificial organs, *see* Artificial heart.  
 Artificial satellites, *see* Satellites.  
 Arts and crafts:  
 Henry Ossawa Tanner commemorative stamp, American arts series (poster), 31889  
 Willa Cather commemorative stamp, American arts series (poster), 31890  
 Ascension Island, Bahamas Long Range Proving Ground, expanded use of Ascension Island, agreement with United Kingdom of Great Britain and northern Ireland, 31856  
 Ash (tree):  
 American wood, 31352  
 Ashtabula County, Ohio, soil survey report, 31817  
 Asphalt, concrete plants, background information for proposed new source performance standards, 30722  
 Aspartate, Thomas R., methods for pulp and paper mill sludge utilization and disposal, 31279  
 Assel, R. A., Great Lakes ice cover, winter 1970-71, 31720  
 Assessments, assessment/placement profile (APP) system, HUD, 31418  
 Asteroids, asteroid and comet exploration, 31615  
 Astrometry, astrometry and astrophysics, research of sun and stars, 31658  
 Astronautics, space ergonomics, 31656  
 Astronauts, Skylab astronauts, testimony, hearing, 31121  
*see also* Astrometry—Astrophysics.  
 Astrophysics, astrometry and astrophysics, research of sun and stars, 31658  
 Asymptotic solutions, *see* Mathematics.  
 At research frontier goals and achievements in high energy physics, 30783  
 ATC, *see* Air traffic.  
 Atchison, Topeka and Santa Fe Ry. Co., accident report, 31791  
 Atelopus, *see* Frogs.  
 Atlanta, Ga., aircraft accident report, 31745  
 Atlantic Coast, coast pilot, Sandy Hook to Cape Henry, 31717  
 Atlantic Continental Shelf, drilling for oil and gas (remarks), 31499  
 Atlantic Ocean, underwater television survey of Atlantic outer continental margin near Wilmington Canyon, 31800

Atlantic States, quality of surface waters of United States, 31402  
 Atmosphere:  
 illumination in atmosphere and on surface of Venus obtained by automatic interplanetary station Venera-8, USSR study, 31544  
 reference method for continuous measurement of carbon monoxide in atmosphere, guidelines for development of quality assurance program, 31271  
 Atmospheric entry, boundary-layer electron profiles for entry of a blunt slender body at high altitude, 31637  
 Atmospheric Physics and Chemistry Laboratory, NOAA technical report, ERL-APCL series, 31722, 31724  
 Atomic energy:  
 act, amend, report, 31093  
 goals and achievements in high energy physics, at research frontier, 30783  
 issuances of AEC and Atomic Safety and Licensing Boards concerning facility operation licenses, 30776  
 Atomic Energy Commission:  
 AEC research and development reports, 30766-783  
 AEC symposium series, 30768  
 appropriations, 1974, authorization—law, 30931  
 report, 30974  
 Health and Safety Laboratory, fallout program, quarterly summary report, 30773  
 appendix, 30774  
 issuances of AEC and Atomic Safety and Licensing Boards concerning facility operating licenses, 30776  
 plan for management of AEC-generated radioactive wastes, 30777  
 public works appropriations, 1974, report, 30989  
 standard for fire protection of AEC electronic computer/data processing systems, 30781  
 Atomic Energy Joint Committee:  
 committee print, 30937  
 reports, 30974, 31093  
 Atomic power plants, *see* Nuclear reactor power plants.  
 Atomic Safety and Licensing Boards, issuance of AEC and Atomic Safety and Licensing Boards concerning facility operating licenses, 30776  
 Atropine, transient blindness due to combined effects of mevinphos and atropine, 30787  
 Attari, A., fate of trace constituents of coal during gasification, 31272  
 Attitude (psychology):  
 dining facility user-attitudes and environmental design research at Travis AFB, California, 31239  
 Audio-visual education, automated apprenticeship training (AAT), systematized audio-visual approach to self-paced job training, 30729  
 Audit of Overseas Private Investment Corporation, 30957  
 Auditing:  
 audit guide for use by independent public accountants for urban renewal program, 31436  
 standards for audit of Governmental organizations, programs, activities and functions, 31389  
 Auditors, examination announcement, 30876  
 Auditory perception, *see* Perception.  
 Audits, *see* Auditing.  
 Austria:  
 foreign relations of U.S.—departmental edition, 30943  
 document edition, 31845  
 Australia, background notes, 31834  
 Autistic Children's Week, *see* National Autistic Children's Week.

## INDEX

- Automated apprenticeship training (AAT), systematized audiovisual approach to self-paced job training, 30729
- Automatic data processing systems, *see* Electronic data processing systems.
- Automation of instruction, *see* Teaching machine.
- Automobile driving:  
heavy duty vehicle driving pattern and use survey, final report, New York City, 30727  
monetary value drivers place on comfort in night driving, 31322
- Automobile insurance, National no-fault motor vehicle insurance act, report, 31119
- Automobiles:  
develop operational system for evaluating and testing methods and instruments for determining effects of fuels and fuel additives on automobile emissions, 31277  
effect of fuel additives on chemical and physical characteristics of particulate emissions in automotive exhaust, 31275  
Soviet correspondents report motor trip through United States, U.S.S.R. study, 31520  
suspension of 1975 auto emission standards, decision of Administrator of Environmental Protection Agency regarding, hearings, 31161
- Aviation, *see* Aeronautics—Aircraft.
- Aviators:  
flight test guide, private pilot airplane, 31341  
frequency of anticollision observing responses by solo pilots as function of traffic density, ATC traffic warnings, and competing behavior, 30788
- Awards (incentives), *see* Rewards (prizes, etc.).
- Axial flow, *see* Flow.
- B**
- B. Everett Jordan Dam and Lake, designate, report, 31118
- Background information for proposed new source performance standards, asphalt concrete plants, etc., 30722
- Background notes, 31334-342
- Bagby, D. Gordon, initial quality and life-cycle costs in military family housing, 31241
- Bahamas, Bahamas Long Range Proving Ground, expended use of Ascension Island, agreement with United Kingdom of Great Britain and northern Ireland, 31856
- Baird, Robert W., testimony concerning world drug traffic and its impact on U.S. security, hearings, 31152
- Ball bearings, *see* Bearings (machinery).
- Ballinger, Craig A., effect of load variations flexural fatigue strength of plain concrete, 31319
- Ballistics, radiographic, petrographic, and SEM evaluation of ballistically loaded clay, 31261
- Balloons, ballooning, 1782-1972, exhibition catalog, 31665
- Banking and Currency Committee, House: committee print, 31015  
hearings, 31013-14
- Banking, Housing, and Urban Affairs Committee, Senate:  
hearings, 31134-136  
reports, 31079, 31106-7
- Bankruptcy Laws of United States Commission, extend term, law, 30927
- Banks and banking:  
bank/SBA loans, partnership for small business, progress, 31793  
Federal Financing Bank, establish, report, 30981  
payment of interest on time and savings deposits, extend certain laws, law, 30934  
*see also* National banks.
- Barabba, Vincent P., nomination, hearing, 31158
- Barnard, Joseph E., forest survey cubic-foot volume equations, 31364
- Barnes J. Lee, foreign trade regulations of Malaysia, 31209
- Bathymetry, model 4100 graphic recorder, 31727
- Baumgartner, D. J., brief outline of study of sewage sludge dumping in New York Bight, 31302
- BEA, *see* Economic Analysis Bureau.
- Beach, Norman E., Government specifications and standards for plastics, covering materials and applications, 31198
- Beaches, beach widening by perched beach concept Santa Monica Bay, Calif., hydraulic model investigation, 31264
- BEAMR, an interactive graphic computer program for design of charged-particle beam transport systems, 31640
- Beams, BEAMR, an interactive graphic computer program for design of charged-particle beam transport systems, 31640
- Bearings (machinery):  
fofl journal bearings for Brayton rotating unit, design, fabrication and performance, 31604  
friction losses in a lubricated thrust-loaded cageless angular-contact bearing, 31643
- Beaver County, Pa., flood plain information, 31253
- Beaver River, flood plain information, Ohio and Beaver Rivers, Beaver County, Pa., 31253
- Bed springs, *see* Bedsprings.
- Beds, *see* Bedsprings.
- Bedsprings, current industrial reports, 30843
- Bee culture, analysis of beekeeping production costs and returns, 30716
- Beef:  
effects of alternative marketing margins for beef and pork, 30697  
slaughtering, cutting, and processing beef on farm, 30699
- Beekeeping, *see* Bee culture.
- Beetles, Japanese, controlling, 30703
- Behavior, frequency of anti-collision observing responses by solo pilots as function of traffic density, ATC traffic warnings, and competing behavior, 30788
- Bell, Milo C.:  
fisheries handbook of engineering requirements and biological criteria, 31247  
survival of fish passing through spillways and conduits, compendium, 31238
- Bender, Bernice, MANIP, computer system for algebra and analytic differentiation, 31719
- Beneficiaries, social security beneficiaries in metropolitan areas, 31810
- Benzene, benzenoid chemicals and products, imports, 31881
- Benzene hexachloride, economic impact of discontinuing farm use of lindane and BHC, 31216.
- Benzenoid chemicals, *see* Benzene.
- Berman, Barry L., International Conference on Photoneutron Reactions and Applications, proceedings, 30769
- Berrien County, Ga., soil survey report, 31818
- Better communities act, cities speak, 31412
- Beyond the melting pot, 31219
- BHC, *see* Benzene Hexachloride.
- Bibliography:  
air pollution aspects of emission sources—primary aluminum production, 30720  
primary lead production, 30721  
architects, builders, engineers and retail lumbermen publications, 31356  
furniture manufacturers and woodworkers publications, 31358  
home-based child development program resources, bibliography, 30868  
minority business enterprise, 30894  
productivity, 31560



- Bibliography—Continued**  
 Spanish-language health communications teaching aids, 31410  
 timber products, milling and utilization, 31357
- Big Delta, Alaska, Saicha-Big Delta Area**  
 soil survey report, 31824
- Binaural beat perception, see Perception.**
- Biodynamics, see Physiology.**
- Bioelectric control, 31539**
- Bioelectricity:**  
 bioelectric control, USSR study, 31539  
 newly discovered properties of plants, USSR study, 31540
- Biological filters, see Filters and filtration.**
- Biological laboratory technicians, jobs as agricultural and biological technicians, biological laboratory technicians, agricultural research technicians, examination announcement, 30882**
- Biological products, produced in licensed establishments, list, veterinary services**  
 biologics notice, 30741
- Biological sciences, see Biology.**
- Biology:**  
 biological deterioration of woods in tropical environments, 31753  
 biological removal of colloidal matter from wastewater, 31276  
 electric and acoustic fields of fishes, use in commercial fishing, etc., USSR study, 31527  
 fisheries handbook of engineering requirements and biological criteria, 31247  
 gas chromatography, method of determining harmful substances in air and in biological media, USSR study, 31529  
 professional careers in biological and agricultural sciences, 30874  
 sludge processing for combined physical-chemical-biological sludges, 31281
- Biology, see Space biology.**
- Biomedicine:**  
 National biomedical research fellowship, traineeship, and training act, report, 30965  
 scientific directory and annual bibliography, 31703
- Biota, freshwater unelonaocean clams (Mollusca: Pelecypoda) of North America, 31310**
- Birds, Brazoria National Wildlife Refuge, list, 31829**
- Birmingham, Ala., area wage survey, 31558**
- Black Americans, see Negroes.**
- Black people (U.S.), see Negroes.**
- Black presence in era of American Revolution 1770-1800, 31737**
- Blackfeet Indians, general information, 31448**
- Blasting see Explosives.**
- Bleaching, ion exchange color and mineral removal from kraft bleach wastes, 31283**
- Blindness, transient blindness due to combined effects of mevinphos and atropine, 30737**
- Blosser, E. R., develop operational system for evaluating and testing methods and instruments for determining effects of fuels and fuel additives on automobile emissions, 31277**
- BLS, see Labor Statistics Bureau.**
- Blowing effect of wing aspect ratio and flap span on aerodynamic characteristics of externally blown jet-flap STOL Model, 31629**
- Blunt bodies, boundary-layer electron profiles for entry of a blunt slender body at high altitude, 31637**
- Board of International Broadcasting, see International Broadcasting Board.**
- Body weight, food and your weight, 30701**
- Boise project, mechanical equipment, Pacific Northwest region, field review of maintenance, 31782**
- Bolivia, agricultural commodities, agreement, 31851**
- Bolts (lumber):**  
 volume of selected hardwood species suitable for turnery bolts in Maine, 31363
- Bones, James T., land clearing and wood use in Delaware, 31361**
- Bonneville Power Administration, public works appropriations, 1974, 30989**
- Bonsai, growing bonsai, 30706**
- Books, books on Indian history problems, and relationship to Federal Government, list, 31449**
- Boots and shoes, footwear, industry wage survey, 31564**
- Borcher, Sidney D., business data processing occupational performance survey, 31693**
- Bosselman, Fred, taking issue, analysis of constitutional limits of land use control, 31174**
- Botanic Garden, appropriations, 1974, legislative, hearings, 31129**
- Bottles, Oregon, bottle bill, first 6 months, 31309**
- Boulder Canyon project, electrical equipment, region 3, field review of operation and maintenance, 31785**
- Boundaries:**  
 international boundary study, 31846  
 study, South Africa-Swaziland, 31846
- Boundary layer:**  
 boundary-layer electron profiles for entry of a blunt slender body at high altitude, 31637  
 investigation of suction system and boundary-layer characteristics on high-lift, BLC L-19 test aircraft, 30760  
 model of wind shear and turbulence in surface boundary layer, 31613  
 some problems of calculation of 3-dimensional boundary-layer flows on general configurations, 31611  
 turbulent fluid friction of rotating disks, 31607
- Braden, Gale, application of commercial aircraft accident investigation techniques to railroad derailment, 30785**
- Brain, subtle changes in brain functions produced by single doses of mevinphos (phosdrin), 30786**
- Brashler, Clyde K., effect of silt and silt removal in prairie lake, 31269**
- Brass, brass or bronze ingot production plants, background information for proposed new source performance standards, 30722**
- Brayton cycle, foil journal bearings for Brayton rotating unit, design, fabrication and performance, 31604**
- Brazil:**  
 fisheries, shrimp, agreement, 31857  
 remote sensing for earth resources, agreement, 31855
- Brazoria National Wildlife Refuge, birds, list, 31829**
- Breeder reactors, see Reactors (atomic).**
- Brehm, William K., nomination, hearing, 31193**
- Brennan, Peter J.:**  
 speeches—  
 July 24, 1973, 31554  
 July 26, 1973, 31553
- Brent, Floyd V., soil survey of Oktibbeha County, Miss., 31823**
- Bretton Woods Agreement, see International Bank for Reconstruction and Development—International Monetary Fund.**
- Brittle materials, crack propagation studies, 31756**
- Broadcasting, see Television.**
- Broadwoven goods, see Textiles.**
- Bronze, brass or bronze ingot production plants, background information for proposed new source performance standards, 30722**
- Brown, D. N., lateral distribution of aircraft traffic, 31260**

## INDEX

- Browne, Secor D., address, Dec. 19, 1972, 30872
- Bryce Canyon National Park, Utah, general information, 31729
- Budd, Edward C., size distribution of family personal income, methodology and estimates for 1964, 31213
- Budget of United States:  
Federal fiscal policy, 31339  
1974—  
amendments, proposal, 30954  
status, scorekeeping reports, 31043-44
- Buffeting loads, *see* Load (mechanics).
- Bullders, publications of interest to, list, 31356
- Building:  
permits, housing authorized, construction report, 30816  
property disposition handbook, reconditioning acquired properties, 31427
- Buildings, Foreign Service program, 1974 and 1975, authorization, law, 30920
- Bulletins, *see* Farmers' bulletins—*also* names of departments, etc., issuing bulletins—*also* subjects.
- Bullock, G. D.:  
communication and control systems—  
mid-Pacific region, filed review of maintenance, 31777  
South Platte River projects, North Platte River projects, region 7, field review of maintenance, 31778
- Burch, J. B., freshwater unionacean clams (*Mollusca: Pelecypoda*) of North America, 31310
- Burcham, Frank W., Jr., steady state and dynamic pressure phenomena in propulsion system of F-111A airplane, 31636
- Bureau of Mines energy program, 31586
- Burns, Donald E., physical-chemical treatment of municipal waste-water using powdered carbon, 31287
- Burrell, M. O., approximations for neutron emission spectra from proton collisions between 20 and 500 MeV on nuclei of  $A \geq 12$ , 31653
- Bush, Joseph C., industry wage survey, footwear, 31564
- Business:  
business data processing occupational performance survey, 31693  
concerns, facts about relocation, 31415  
county business patterns—  
CBP series, 30818-835  
publications order form, 30836  
criminal redistribution systems and their economic impact on small business, hearings, 31165  
international economic indicators, 31203  
minority business enterprise, bibliography, 30394  
overseas business reports, 31203-204  
rural credit program, nonfarm enterprises to supplement farm income, 30711  
small, bank/SBA loans, partnership for small business progress, 31793  
Small business act, amend—  
hearing, 31013  
reports, 30998, 31006, 31108
- Buying, *see* Purchasing.
- C**
- C-141, *see* Aircraft.
- Cages (bearing):  
friction losses in a lubricated thrust-loaded cageless angular-contact bearing, 31643
- Calcium hydroxide, *see* Lime.
- Calculating machines, current industrial reports, 30845
- Calculations, *see* Numerical calculations.
- Calendars:  
calendar of environmental meetings, quarterly, 31308  
overseas trade promotions calendar, 31211
- Calibrators, dose calibrator pilot study, 31680
- California:  
Indians, California tribes, 31450  
soil survey laboratory data and descriptions, 31825  
water resources data, 31396
- Campaign expenditures, Federal election campaign act, appendix A, hearings, 31187
- Campaigns (political), *see* Elections.
- Canada:  
North American Air Defense Command, agreement, 31867  
promotion of safety on Great Lakes by means of radio, agreement, 31046  
reciprocal fishing privileges, agreement, 31859
- Cancer:  
cancer of mouth, 31681  
radionuclide carcinogenesis, 30768
- Canning and preserving, low water volume enzyme deactivation of vegetables before preservation, 31278
- Canton Island:  
Service contract act, extend to Canton Island—  
law, 30928  
report, 30973
- Capital, capital resources in central Appalachian region, 30748
- Capitol, Capitol in story and pictures, print as House document, report, 31066
- Caprolactam, caprolactam monomer, duty suspension, report, 30987
- Carbides, *see* Plutonium carbides.
- Carbon, physical-chemical treatment of municipal wastewater using powdered carbon, 31287
- Carbon dioxide, development of design information for molecular-sieve type regenerative CO<sub>2</sub>-removal systems, 31608
- Carbon monoxide, reference method for continuous measurement of carbon monoxide in atmosphere, guidelines for development of quality assurance program, 31271
- Carbon steel, *see* Steel.
- Carcinogenesis, *see* Cancer.
- Cardiac pacemaker, *see* Heart.
- Careers, *see* Civil service—Occupations—*also* types of careers.
- Carriers, *see* Water carriers.
- Carters Lake, preimpondment study, 31901
- Cartography, *see* Maps and charts.
- Cataloging, national aspects of creating and using MARC/RECON records, 31570
- Catalogs:  
ballooning, 1782-1972, exhibition, 31665  
catalog of research projects, OSW, 31494  
copyright entries, 31167-168  
Defense Civil Preparedness Agency, courses and conferences, 31176
- Catalysis, catalytic combustion, pollution-free means of energy conversion? 31274
- Cather, Willa, commemorative stamp, American arts series (poster), 31890
- Cathey, Henry M., growing bonsai, 30706
- Cattle, number of cattle and calf, 31878
- Cebecl, Turcer, some problems of calculation of 3-dimensional boundary-layer flows on general configurations, 31611
- Cedar Breaks National Monument, Utah, general information, 31730
- Census:  
agriculture, financing, availability, etc., hearings, 31039  
agriculture, 1969, general reports, 30789-794  
census employment survey users' guide, 31566  
farms, number, use of land, size of farms, 1969 census of agriculture, 30789  
housing, 1970—  
components of inventory change, 30795-797  
subject reports, 30798  
manufactures, 1972, special reports, 30799

- Census—Continued  
 population, 1970—  
     characteristics of population, bound volume, 30800-804  
     subject reports, 30805-810  
     supplementary reports, 30811  
 transportation, 1972—  
     national travel survey, 30812  
     truck inventory and use survey, 30813-815
- Census Bureau, Director, nomination of Vincent P. Barabba, hearing, 31158
- Center for Vocational and Technical Education, Ohio State University, research and development series, 31693
- Central Intelligence Agency, retirement act, amend, law, 30907
- Central States, ground water levels in United States, 1967-71, North-Central States, 31401
- Central Valley project, electrical equipment, Central Valley project, mid-Pacific region, field review of maintenance, 31779
- Ceramics, crack propagation studies in brittle materials, 31756
- CERL, *see* Construction Engineering Research Laboratory.
- Certificates, *see* types of certificates or subjects involved.
- Chamber devices, experimental and analytical study of one- and two-component flows in spherical chambers, 31609
- Chancelleries, Chancery act, amend, hearing, 31040
- Chancelleries, *see* Chancelleries.
- Chaplains, Naval Reserve handbook, 31749
- Characterizing vegetation from existing source material for predicting munition height of burst in inaccessible areas, 31258
- Charged particles, *see* Particles.
- Charges for care and sources of payment for residents in nursing homes, United States, 31682
- Charitable trusts, tax-exempt, their impact on our economy, 31015
- Chatam, Claude E., jr., study of beach widening by perched beach concept Santa Monica Bay, Calif., 31264
- Checks, your social security check while you're outside U.S., 31814
- Chemical analysis, gas chromatography, method of determining harmful substances in air and in biological media, USSR study, 31529
- Chemical equilibrium, *see* Equilibrium.
- Chemical grouting, 31246
- Chemicals:  
     chemical oceanographic research, present status and future direction, deliberations of workshop held at Naval Postgraduate School, Monterey, Calif., 31750  
     effect of fuel additives on chemical and physical characteristics of particulate emissions in automotive exhaust, 31275  
     equipment, labor, expenditures, chemicals, census of agriculture, 1969, general report, 30791  
     feasibility of plastic foam plugs for sealing leaking chemical containers, 31282  
     Federal item identification guide, 31181  
     future role of chemicals in forestry, 31360  
     new and certain existing substances, interstate commerce regulations by premarketing, testing, etc., report, 31080  
     sludge processing for combined physical-chemical-biological sludges, 31281  
     *see also* names of chemicals.
- Chemistry, mineralogy, mineral chemistry, and composition of Murchison (C2) meteorite, 31799
- Chen, Peter Y. S., elm, American wood, 31353
- Cherokee Indians, general information, 31451
- Cheyenne Indians, general information, 31452
- Chickens, prices and price spreads for eggs, frying chickens, and turkeys in 12 major cities, 1966-71, 30718
- Chiggers, controlling chiggers, 30702
- Child care, *see* Day care of children.
- Child development, *see* Children.
- Child Development Office:  
     annual report on Head Start services to handicapped children, 30867  
     appropriations, 1974, hearings, 31009
- Child health, *see* Children.
- Children:  
     ancillary health personnel in maternal and child health projects, use, 31576  
     child nutrition program, maintain for fiscal year 1973, hearing, 31019  
     food for family with young children, 30700  
     Head Start services provided to handicapped children, 30867  
     home-based child development program resources, bibliography, 30868  
     Maternal and Child Health Service reports on research to improve health services for mothers and children, 31575  
     national assessment and social indicators, 31225  
     *see also* Day care of children—Juvenile delinquency.
- Chile:  
     and International Telephone and Telegraph Company, multinational corporations and United States foreign policy, hearings, 31141  
     economic trends and their implications in United States, 31509
- Chinese in United States, census of population, 1970, subject reports, 30807
- Chippewa Indians, general information, 31453
- Chiropody, podiatry manpower, general profile, 31683
- Chlorine, working with chlorine, 31689
- Chloropicrin, relative toxicity of chloropicrin, phosphine, EDC-CCl<sub>4</sub> and CCl<sub>4</sub>-CS<sub>2</sub> to various life stages, 30693
- Choctaw Indians, general information, 31454
- Chokes (fuel systems):  
     investigation of coaxial jet noise and inlet choking using F-111A airplane, 31649
- Chromatography, gas chromatography, method of determining harmful substances in air and in biological media, USSR study, 31529
- Cicconi, Vincent A., union status and benefits of retirees, 31555
- Circulars, *see* names of departments, etc., issuing circulars.
- Circulation, nitric oxide formation in combustion processes with strong recirculation, 31293
- Cities and towns:  
     alter the destiny of your community, 31346  
     Better communities act, cities speak on new Federal program, conferences, 31412  
     community development evaluation series, 31414  
     community development, magazine, 31413  
     data book, 1972—  
         departmental edition, 30817  
         document edition, 30951A  
     household income in 1969 for States, SMSA's, cities, and counties, 30811  
     HUD new communities program, oversight, hearings, 31014  
     model cities programs, comparative analysis of city response patterns and their relation to future urban policy, 31437  
     public employment programs in selected rural and urban areas, Department of Labor, GAO report, 31388  
     social security beneficiaries in metropolitan areas, 31810  
     standard metropolitan statistical areas, Federal general data standard representations and codes, 31678

## INDEX

- Cities and towns—Continued  
 survey of air and population lead levels in selected American communities, 31270  
 urban mass transportation, authorize grants to assure adequate commuter service in urban areas, report, 31107
- Citizens of the United States:  
 going abroad? important message for U.S. citizens, 30713  
 we the Americans (series), 30858-863
- Citizenship, Federal textbook on citizenship, 31440-442
- Civil Aeronautics Board:  
 appropriations, 1974, report, 30977  
 reports, economic and safety enforcement cases, 30870
- Civil aviation, *see* Aeronautics.
- Civil defense, *see* Civilian defense.
- Civil preparedness new dual mission, 31175
- Civil rights act, amend, 31155
- Civil service:  
 examination announcements—  
   accountants, auditors, IRS agents, 30876  
   biological and agricultural sciences, professional careers, 30874  
   engineering, physical sciences, and related positions, 30875  
   jobs as agricultural and biological technicians, biological laboratory technicians, agricultural research technicians, 30882  
   junior Federal Assistant, 30873  
   executive manpower in Federal service, 30877  
   Federal personnel manual, supplement, 30880  
   job grading system for trades and labor occupations, 30880  
   opportunities in Federal service for veterans, 30887  
*see also* Government Officials and employees.
- Civil Service Commission:  
 appropriations, 1974, report, 31117  
 Commissioner, reappointment of Robert E. Hampton, hearing, 31158  
 pamphlets, 30887-888
- Civil service pensions:  
 annuity increases for certain retirees and retirees and reduced rate of employee deductions, hearings, 31036  
 retirement annuities, increase, report, 31100  
 survivor annuities of civil service retirees. Increase to full when not married, report, 31098
- Civilian defense, Defense Civil Preparedness Agency, courses and conferences, 31176
- Civilian employees, *see* Government officials and employees.
- Claims:  
 claims and judgments against U.S. proposed supplemental appropriations to pay, 30948  
 you asked about tribal claims against United States, 31492
- Clams, freshwater unioncean clams (Mollusca; Pelecypoda) of North America, 31310
- Class rooms, *see* Classrooms.
- Classification, *see* names of substances, objects, etc., classified.
- Classrooms, promoting mental health in classroom, handbook for teachers, 31698
- Clay:  
 construction products, summary for 1972, current industrial reports, 30839  
 radiographic, petrographic, and SEM evaluation of ballistically loaded clay, 31261  
*see also* Montmorillonite.
- Clean air act, *see* Air pollution.
- Clean Water Week, *see* National Clean Water Week.
- Cleaning, contract cleaning services, industry wage survey, 31561
- Clear-cutting, timber-harvest clearcutting and nutrients in Northeastern United States, 31365
- Clearing of land, land clearing and wood use in Delaware, 31361
- Clemente, Roberto Walker Commemorative medals, *see* Roberto Walker Clemente medals.
- Clocks, standard digital data clock-rate generator with programmable digital phase shift, 31755
- Closures, closures for containers, current industrial reports, 30840
- Cloth, *see* Textile.
- Clothing, *see* names and types of clothing.
- CMS series, 31808
- Coal, fate of trace constituents of coal during gasification, 31272
- Coal dust:  
 minimum extinguishant and maximum oxygen concentrations for extinguishing coal dust-air explosions, 31594  
 spectral growth of expanding flames, infrared radiance of methane-air ignitions and coal dust-air explosions, 31592
- Coal mines and mining:  
 coal mine health and safety research program, 31584  
 coal waste banks, list, 31496  
 surface mining regulate, hearings, 31025
- Coast pilots, Atlantic Coast, Sandy Hook to Cape Henry, 31717
- Coating materials, oxidation at through-hole defects in fused slurry silicone coated columbian alloys FS-85 and Ch-752, 31635  
*see also* Metal coatings.
- Cobalt, preparation of samarium-cobalt magnets, 31595
- Coburn, Morris, indicators of educational outcome, 31224
- Code of Federal regulations, 31329-338  
*see also* for titles, chapters, etc., of the Code printed separately, subject involved.
- Codes, *see* Code of Federal regulations—*also* subjects.
- Coffee, international coffee agreement, 1968, as extended, 31047
- Cold regions, soil temperature and plants in north, USSR study, 31538
- Cold Regions Research and Engineering Laboratory:  
 research reports, 31235  
 special reports, 31236-237
- Colleges and universities:  
 directory of college student volunteer programs, 30686  
 graduate science enrollment declines 2 percent from 1971-72, 31740  
 index of institutions of higher education by State and congressional district, 31223
- Collins, Larry R., monotremes and marsupials, reference for zoological institutions, 31797
- Collisions, *see* Aircraft accidents.
- Collisions (electronics):  
 approximations for neutron emission spectra from proton collisions between 20 and 500 MeV on nuclei of  $A \geq 12$ , 31653
- Colloids, biological removal of colloidal matter from wastewater, 31276
- Colner, Donald, fire service location-allocation models, 31678
- Colombia, agricultural commodities, agreement, 31871
- Colonial times, colonial drummer, Rise of spirit of independence series, commemorative stamp (poster), 31888
- Color, ion exchange color and mineral removal from kraft bleach wastes, 31283
- Colorado River and Valley, basin, surface water supply from Green River to Compact Point, 31406

- Columbia Basin project, mechanical equipment, Pacific Northwest region, field review of maintenance, 31782  
 Columblum, *see* Niobium.  
 Comanche Indians, general information, 31455  
 Combustion:  
   catalytic combustion, pollution-free means of energy conversion? 31274  
   nitric oxide formation in combustion processes with strong recirculation, 31293  
 Combustors, investigation of aircraft gas turbine combustor having low mass emissions, 30761  
 Comets, asteroid and comet exploration, 31615  
 Command modules, *see* Spacecraft modules.  
 Commemorative stamps, *see* Postage stamps.  
 Commerce:  
   export mailing list and FTI tape services, 31202  
   foreign trade—  
     schedule C, classification of country designations, statistics, 30856  
     schedule D, classification of customs districts and ports, 30857  
   international economic indicators, 31203  
   International economic policy act, amend, report, 31068  
   Interstate commerce act, amend, report, 31071  
   interstate commerce, protect free flow without damage to environment, hearings, 31138  
   overseas trade promotions calendar, 31211  
   Trade reform act, hearings, 31042  
   U.S. trade promotion facilities abroad, 31212  
   *see also* Transit (International)—also names or classes of articles of commerce.  
 Commerce Committee, Senate:  
   committee print, 31139  
   hearings, 31137-138  
   reports, 31071, 31080-81, 31085, 31094-95, 31114-115, 31119  
 Commerce Department:  
   appropriations, 1974—  
     amendments, proposals, 30959, 31060  
     hearings, 31127  
     supplemental, proposal, 31056  
 Commercial products, exports, schedule B, commodity groupings by world area annual foreign trade report, 30855  
 Commission on Organization of Government for Conduct of Foreign Policy, *see* Organization of Government for Conduct of Foreign Policy Commission.  
 Commission on Review of National Policy toward Gambling, *see* Gambling, Review of National Policy toward, Commission.  
 Committees, *see* Congressional committees.  
 Committees, Select Committee on, House, hearings, 31016  
 Commodities, *see* names of commodities.  
 Communications:  
   act, amend, hearings, 31137  
   Campaign communications reform act, amend, report, 31083  
   communication and control systems—  
     mid-Pacific region, field review of maintenance, 31777  
     South Platte River projects, North Platte River projects, region 7, field review of maintenance, 31778  
   communications-electronics management of electromagnetic spectrum, 30753  
   relieve broadcasters of equal-time requirement with respect to candidates for President and Vice President, hearings, 31137  
   *see also* Telecommunications.  
 Communications (psychology):  
   Spanish-language health communications teaching aids, list of printed materials and their sources, 31410  
 Communism, world strength of Communist Party organizations, 31877  
 Communities, *see* Cities and towns.  
 Community Development Corporation, General Manager, nomination of Alberto F. Trevino, jr., hearing, 31136  
 Community development programs:  
   community development evaluation series, 31414  
   community development, magazine, 31413  
   housing and urban development laws and authorities, temporary extension, report, 31079  
   HUD new communities program, oversight, hearings, 31014  
   planned-unit development with homes association, 31328  
   *see also* Redevelopment (city planning, etc.).  
 Community life, reintegration of offender into community, 31551  
 Commuter transportation, *see* Transportation.  
 Competency to stand trial and mental illness, 31695  
 Complaints, equal opportunity complaint and compliance review reporting and control procedure, HUD, 31433  
 Comprehensive planning assistance managing grant, 31431  
 Comptroller General, *see* General Accounting Office.  
 Computer programs/programming:  
   FORTRAN program—  
     calculating critical speeds of rotating shafts, 31652  
     calculating velocities and streamlines on hub-shroud and mid-channel flow surface of axial- or mixed-flow turbomachine, user's manual, 31639  
     vortex lattice method for estimating subsonic aerodynamic characteristics of complex planforms, 31621  
   improved helicopter structural crashworthiness analytical and design techniques, test data and descriptions of unsymmetrical crash analysis computer program, 30759  
   MINIMAX to assemble machine code for interdata model 70 minicomputer on control-data 3800, 31724  
   template converter program, 31320  
   *see also* Probabilities (mathematics)—also names of programs or subjects for which programs have been made.  
 Computer science, Federal use and development of advanced information technology, Federal information systems and plans, 31023  
 Computers, *see* Differential analyzers.  
 Computing machines, *see* Calculating machines.  
 Concepts in welfare program design, 30940  
 Concrete:  
   asphalt concrete plants, background information for proposed new source performance standards, 30722  
   concrete and concreting materials exposed to natural weathering, performance investigation, 31263  
   effect of load variations on flexural fatigue strength of plain concrete, 31319  
   effect of welding on fatigue life of high-strength reinforcing steel used in continuously reinforced concrete pavements, 31326  
   Conduits, survival of fish passing through spillways and conduits, compendium, 31238  
 Conference committees, reports, 30993-994, 30999, 31002-06, 31102, 31105, 31108  
 Conferences, congresses, etc.:  
   calendar of environmental meetings, quarterly, 31303

## INDEX

- Conferences, congresses, etc.—Continued  
 Defense Civil Preparedness, Agency, catalog of courses and conferences, 31178  
 international organization and conference series, 31847  
*see also* subjects of conferences.
- Configurations, some problems of calculation of 3-dimensional boundary-layer flows on general configurations, 31611
- Congress of United States:  
 congressional record, 92d Congress, 2d session, bound volume, 30897  
 congressional serial set, 30898-899  
 impoundment control and 1974 expenditure ceiling, report, 30991  
 laws, public, 30900-936  
 war powers of Congress and the President, reports, 30978, 31070
- Congressional committee, committee organization in House, hearings, 31016
- Congressional districts, index of institutions of higher education by State and congressional district, 31223
- Congressional record, *see* Congress of United States.
- Congressional serial set, 30898-899
- Conrad, C. Carson, physical conditioning through water exercises, 31772
- Conrad, G., diode and thermocouple airborne temperature sensors, 31725
- Conservation, *see* subjects.
- Consideration for preparation of operation and maintenance manuals, 31896
- Constitution of United States:  
 our Constitution and Government, Federal textbook on citizenship, 31441  
 simplified edition, 31442  
 records of Constitutional Convention of 1787, pamphlet describing microcopy, 31668  
 taking issue, analysis of constitutional limits of land use control, 31174
- Construction, *see* Building.
- Construction Engineering Research Laboratory:  
 preliminary reports, 31239-240  
 technical reports, 31241-244
- Construction materials, clay construction products, summary for 1972, current industrial reports, 30839
- Consumers:  
 Agriculture and consumer protection act, report, 31005  
 selected papers on consumerism in HMO movement, 31408
- Consumption (economics):  
 fuels and electric energy consumed, 30799  
*see also* names or classes of commodities.
- Containerization, conference on tank containers, 31574
- Containers:  
 closures, current industrial reports, 30840  
*see also* Containerization—types of containers.
- Continental Shelf:  
 draft environmental statement, proposed 1973 Outer Continental Shelf, oil and gas general lease sale, offshore Mississippi, Alabama, and Florida, 31568  
 questions and policy issues for oversight hearings on administration of Outer Continental Shelf act, 31498  
 underwater television survey of Atlantic outer continental margin near Wilmington Canyon, 31800
- Contractor report NASA CR (series), 31603-816
- Contractors, Federal contractor job listing emphasizing employment of veterans, questions and answers on Secretary of Labor's regulation, 31572
- Contracts, 1969 census of agriculture, general information, value of products, economic class, contracts, 30792  
*see also* Government contracts.
- Control of dwarf mistletoe in a heavily used ponderosa pine recreation forest, Grand Canyon, Ariz., 31374
- Control systems:  
 acquisition management systems list, DoD manual, 31178-179  
 bioelectric control, USSR study, 31539  
 communication and control systems—  
 mid-Pacific region, field review of maintenance, 31777  
 South Platte River projects, North Platte River projects, region 7, field review of maintenance, 31778  
 design and evaluation of an optical fine-pointing control system for telescopes utilizing digital star sensor, 31628  
 equal opportunity compliant and compliance review reporting and control procedure, HUD, 31433  
 organization of control of scientific research, 31533
- Controlling chiggers, 30702
- Contamination, trace organic impurities in gaseous helium, 31622
- Conventions and treaties, *see* subjects.
- Converters, template converter program, 31320  
*see also* Thermionic converters.
- Coody Creek, flood plain information, Coody Creek, Muskogee, Okla., 31249
- Cookery, let's cook fish, 31712
- Cooper, Glenn A., oak, American wood, 31355
- Cooper, Paul, turbulent fluid friction of rotating disks, 31607
- Cooperation:  
 backbone of effective law enforcement, FBI report, 31549  
 Mutual development and cooperation act, 31022
- Cooperative housing, *see* Housing.
- Cooperatives, *see* Farmers' cooperative organizations.
- Copernicus, Nicolaus, *see* Nicolaus Copernicus Week.
- Copp, Howard D., stilling basin hydraulics and downstream fish migration, 31238
- Copper:  
 duties, suspension on certain forms of copper continue, report, 30985  
 effect of copper and silicon on selected mechanical properties of hot-rolled medium-carbon steels, 31590  
 scattering of 42-MeV alpha particles from copper-65, 31642
- Copyright:  
 catalog of copyright entries, 31167-168  
 recording rights in musical compositions, 31169
- Copyright Office, Register of Copyrights, annual report, 31170
- Corporate secrecy, *see* Trade secrets.
- Corporation for Public Broadcasting, summary statistics of CPB qualified public radio stations, 31233
- Corporations:  
 foreign, withholding of tax, 31500  
 multinational corporations and United States foreign policy, hearings, 31141  
 role of giant corporations in American and world economies, hearings, 31166
- Correctional institutions, *see* Reformatories.
- Correctional rehabilitation, *see* Rehabilitation of criminals.
- Correlation (statistics):  
 retrieval of dispersive and convective transport phenomena in fluids using stationary and nonstationary time domain analysis, 31630
- Correspondents, Soviet correspondents report motor trip through United States, USSR study, 31520
- Corro, Ann, selling in Spain, 31205
- Cosby, John C., heavy duty vehicle driving pattern and use survey, final report, New York City, 30727

Cost, *see* subjects.  
 Cost Accounting Standards Board, appropriations, 1974, legislative, hearings, 31129  
 Cost effectiveness, cost effectiveness in water quality programs, 31266  
 Cotton, trade in cotton textiles, agreement with Czechoslovak Socialist Republic, 31872  
 Cottonseed, quality, crops, 30690  
 Coulee Dam National Recreation Area, Wash., general information, 31731  
 Council of Economic Advisers, member, nomination of Gary L. Seevers, hearings, 31135  
 Council on International Economic Policy, membership, change, reports, 30999, 31068  
 Counters, rotating and reciprocating, Federal item identification guide, 31183  
 Counties:  
     county business patterns, CBP series, 30818-835  
     publications order form, 30836  
     data book, 1972—  
         departmental edition, 30817  
         document edition, 30950A  
         household income in 1969 for States, SMSA's, cities, and counties, 30811  
 Coupling, scattering of 42-MeV alpha particles from copper-65, 31642  
 Courses of study, *see* Curriculum.  
 Cowardin, Lewis M., preliminary classification of wetland plant communities in north-central Minnesota, 31832  
 Cracking (fracturing):  
     crack propagation studies in brittle materials, 31756  
 Crafts, Donald, investing in Yugoslavia, 31204  
 Craig, William N., new vistas for competitive employment of deaf persons, 31787  
 Crashes, *see* Aircraft accidents.  
 Crashworthy landing gear study, 30758  
 Creative partnerships, Government and professional services, 31675  
 Credit, *see* Loans.  
 Credit unions, *see* Federal credit unions.  
 Creek Indians, general information, 31456  
 Crime and criminals:  
     crime and delinquency, monograph series, 31695  
     national strategy to reduce crime, report, 31599  
     Omnibus crime control and safe street act, amend, reports, 30969  
     reintegration of offender into community, 31551  
     research on street crime control, 31552  
     uniform crime reports, 31318  
     *see also* Criminal justice (administration).  
 Criminal justice (administration):  
     criminal justice monographs, 31550-552  
     criminal redistribution systems and their economic impact on small business, hearings, 31165  
     Federal system of criminal justice message on state of the Union, 30946  
     street crime, reduction through positive criminal justice, report, print additional copies, report, 31091  
 Criminals, *see* Crime and criminals.  
 Critical two-phase flow for cryogenic fluids, 31676  
 Crom, Richard, effects of alternative marketing margins for beef and pork, 30697  
 Crop lands, *see* Land.  
 Crops, *see* names of crops.  
 Crow Indians, general information, 31457  
 CREEL, *see* Cold Regions Research and Engineering Laboratory.  
 Crutcher, Harold L., note on gamma distribution computer program and graph paper, 31721  
 Cryogenic liquids, *see* Cryogenics.  
 Cryogenics, critical two-phase flow for cryogenic fluids, 31676

Crystals, development of X-ray fluorescence spectroscopy in elemental analysis of particulate matter, evaluation of commercial multiple crystal spectrometer instruments, 31273  
 Culton, Paul M., Operation Tripod toward rehabilitation involvement by parents of the deaf, workshop, Memphis, Tenn., 31788  
 Culture, educational and cultural postal amendments, report, 30996  
 Cureton, Thomas K.:  
     Cureton's basic principles of physical fitness work (rules for conducting exercise), 31767  
     trends of research on prevention of physiological aging and value of exercise for fitness and health, 31773  
 Current fishery statistics, series, 31710-711  
 Current industrial reports, 30837-851  
 Current medicare survey report, CMS series, 31808  
 Curriculum:  
     air pollution training institute, curriculum description and recommendations, 30728  
     Defense Civil Preparedness Agency, courses and conferences, 31176  
     suggested 2-year post high school curriculum, 31232  
 Customs, *see* Tariff.  
 Customs districts, U.S. foreign trade, schedule D, classification of customs districts and ports, 30857  
 Cyprus:  
     background notes, 31835  
     economic trends and their implications for United States, 31508  
 Cytotoxins, manual of tissue typing techniques, 31690  
 Czechoslovakia, trade in cotton textiles, agreement, 31872

D

Dahms, Walter D., tree growth and water use response to thinning in 47-year-old Lodgepole pine stand, 31366  
 Dakota Indians, *see* Sioux Indians.  
 Dakota sandstone, *see* Sandstone.  
 Dams, sanitary survey of drinking water systems on Federal water resource developments, pilot study, 31899  
 Dancing, aerobic dancing, rhythmic sport, 31766  
 Dasenbrock, R. R., algebraic manipulation by computer, 31754  
 Data acquisition:  
     data acquisition systems in water quality management, 31306  
     MIDAS, modular interactive data acquisition system, description and specification, 31679  
 Data processing, *see* Electronic data processing systems.  
 Data retrieval, *see* Information storage and retrieval systems.  
 Data storage and retrieval systems, *see* Information storage and retrieval systems.  
 Davis, Hurley, effect of salinity on optical extinction of sea ice at 6328Å, 31235  
 Dawsonite, evaluation of methods for determining nahcolite and dawsonite in oil shales, 31593  
 Day care of children:  
     abstracts of state day care licensing requirements, family day care homes & group day care homes, 30866  
     day care licensing study, state and local day care licensing requirements, 30869  
 Deaf:  
     new vistas for competitive employment of deaf persons, 31787  
     Operation Tripod toward rehabilitation involvement by parents of the deaf, workshop, Memphis, Tenn., 31788

## INDEX

- Decisions, use of simulation models pertaining to best mix of aircraft, support personnel, spare parts, and level of repair, 30730  
*see also* names of Courts or departments, etc., rendering decisions.
- Defense Civil Preparedness Agency: catalogs of courses and conferences, 31176  
 civil preparedness, new dual mission, annual report, 31175  
 miscellaneous publications MP series, 31176
- Defense Department: appropriations, 1974—  
 hearings, 31008  
 military procurement, authorization, hearings, 31132  
 report, 31117
- Assistant Secretary, nomination of William Kelch Brehm, hearing, 31133
- audit of programs from special bank account to Lockheed Aircraft Corporation for C-5A aircraft program during quarter ended June 30, 1973, GAO report, 31378
- DOD pamphlets, 31493
- index of AMC-sponsored DA administrative publications and DOD publications, 30750  
 military standard, 31193  
 use of formal advertising for government procurement can, and should, be improved, GAO report, 31385
- Defense Mapping Agency, Hydrographic Center publications, 31200-201
- Deformation (mechanics): responses of prototype flexible pavements subjected to repetitive and static loads, 31321
- Degrees (colleges and universities): earned degrees conferred, 31222
- Delaware: county business patterns, 30818  
 land clearing and wood use in Delaware, 31361
- Delaware River Basin, public works appropriations, 1974, report, 30989
- Delaware River Basin Commission, appropriations, 1974, hearings, 31130
- Delinquency, *see* Juvenile delinquency.
- Delta Air Lines, Inc., aircraft accident report, 31742
- Delta Queen* (steamboat): exemption from certain vessel laws, extend, reports, 30979, 31114-115
- Delta Wings, *see* Wings (aircraft).
- Denmark, economic trends and their implications for United States, 31513
- Density, tree growth and water use response to thinning in 47-year-old lodgepole pine stand, 31366
- Dent, Frederick B., addresses, etc., Aug. 9, 1973, 30892
- Denver University, patterns for progress in aging, work study in social gerontology, 30639
- Departmental time and cost reporting system, regional and field office instructions, 31422
- Dependents, *see* Pensions.
- Depression (psychology): depressive disorders, 31699
- Deputy marshalls, *see* Marshalls.
- Desalination, ion exchange color and mineral removal from kraft bleach wastes, 31283
- Design (architectural), *see* Architecture.
- Designs (aircraft): Apollo experience report, development of design-loads criteria, etc., for prelaunch, lift-off, and midboost conditions, 31646  
 improved helicopter crashworthiness analytical and design techniques development program, 30759
- Designs (Industrial): design and evaluation of an optical fine-pointing control system for telescopes utilizing digital star sensor, 31628  
 development of design information for molecular-sieve type regenerative CO<sub>2</sub>-removal systems, 31608  
 minimum design standards for mobile home parks, 31430  
 Develop operational system for evaluating and testing methods and instrument for determining effects of fuels and fuel additives on automobile emissions, 31277
- Development (economics), *see* Economic development.
- Development assistance, *see* Foreign aid.
- Development of design information for molecular-sieve type regenerative CO<sub>2</sub>-removal systems, 31608
- Devices, *see* types of devices.
- Diagnosis: diagnosis and treatment of poisoning by pesticides, 31764  
 we want you to know about diagnostic X-rays, 31342
- Diet, dietary management of hyperlipoproteinemia, 31688
- Differential analyzers, MANIP, computer system for algebra and analytic differentiation, 31719
- Diffusional and metabolic components of nitrogen elimination through lungs, effects of pressure, 31580
- Digestion, total soil nitrogen analysis using micro-Kjeldahl digestion and portable distillation equipment, 31369
- Digests, *see* subjects.
- Digital adaptive control systems, *see* Control systems.
- Digital computers, *see* Electronic computers.
- Dining rooms, dining facility user-attitudes and environmental design research at Travis AFB, California.
- Diodes, diode and thermocouple airborne temperature sensors, 31725
- Directories: area wage surveys, 31565  
 college student volunteer programs, 30686  
 FAA certificated aviation maintenance technician schools, 31315  
 Federal financial management directory, 31376  
 food and agricultural export directory, 31349  
 military assistance program address directory, 31196  
 post offices, national ZIP code directory, 31891  
 scientific directory and annual bibliography, 31703  
 service area directory, Social Security Administration, 31812  
 telephone, State Department, International Development Agency, Arms Control and Disarmament Agency, Overseas Private Investment Corporation, 31850
- Disability insurance: if you become disabled, social security benefits, 31809  
 your social security rights and responsibilities, disability benefits, 31815
- Disabled, *see* Disability insurance—Pensions—Rehabilitation of the disabled.
- Disadvantaged, improving opportunities for employment of disadvantaged in State and local governments, guide for effective action, 30881  
*see also* Poor.
- Disasters: Disaster preparedness and assistance act, draft of proposed legislation, 30952  
 emergency health care services, report, 30963  
 Federal agency contacts for natural disaster, 31417



Discrimination in employment:  
 Equal employment opportunity act, legislative history, 31355  
 equal opportunity complaint and compliance review, reporting and control procedure, HUD, 31433  
 Improving opportunities for employment of disadvantaged in State and local governments, guide for effective action, 30881

Discs, *see* Disks.

Disks, turbulent fluid friction of rotating disks, 31607

Distances, improvement of absolute distance estimation under water, use of monocular motion parallax, 31582

Distillation apparatus, total soil nitrogen analysis using micro-Kjeldahl digestion and portable distillation equipment, 31369

Distribution (economics):  
 criminal redistribution systems and their economic impact on small business, hearings, 31165

District of Columbia:  
 appropriations, 1974—  
 hearings, 31128  
 reports, 30972, 31002  
 charter act, enact, report, 31069  
 insurance act, amend, report, 31111  
 insurance, regulation of, improve laws, report, 31111  
 mayor and city council, elect, report, 31069  
 metropolitan area census of housing, 1970, components of inventory change, 30797  
 programs and activities previously included in annual appropriations, legislative authorization, report, 31112  
 Public buildings act, amend, report, 31076  
 District of Columbia Committee, Senate, reports, 31069, 31076, 31111-112

District of Columbia, Insurance Guaranty Association, establish, report, 31111

Diving, available heated wet-suit protection for divers and swimmers, 31581

Diving outfits, available heated wet-suit protection for divers and swimmers, 31581

Docks:  
 terminals, docks, mooring locations and warehouses, list—  
 Illinois River, 31254  
 Mississippi River, 31255-257

Documentation:  
 patent documentation use in—  
 analyzing technological development trends, USSR study, 31523  
 medium-term technological forecasting, USSR study, 31524

DOD, *see* Defense Department.

Doppler effects, laser Doppler velocity measurements of swirling flows with upstream influence, 31610

Dose calibrator pilot study, 31680

Douglas-fir, *see* Fir.

Draemel, Dean C., relationship between fabric structure and filtration performance in dust filtration, 31292

Drainage:  
 drainage, why do we do it?, 31816  
 irrigation and drainage on farms, 1969 census of agriculture, 30794

Drama, and works prepared for oral delivery, catalog of copyright entries, 31167

Drawings, scientific and technical catalog of copyright entries, 31168

Drinking water, *see* Water.

Driving, *see* Automobile driving.

Droughts, African Sahel, crisis, hearing, 31021

Drug abuse:  
 cooperation in combating illicit international traffic in narcotics, agreement with Paraguay, 31864  
 world drug traffic and its impact on U.S. security, hearings, 31152

Drugs, *see* Medicines.

Drums (musical instruments):  
 colonial drummer, rise of spirit of independence series, commemorative stamp (poster), 31888

Dry Creek, flood plain information, Roseville, Calif., 31250

Dueker, R. L., air pollution training institute, curriculum descriptions and recommendations, 30728

Dumping (waste products), *see* Waste disposal.

Duncanville, Tex., railroad accident report, 31791

Dust, relationship between fabric structure and filtration performance in dust filtration, 31292

Duties, *see* names or classes of articles imported.

Dwarf mistletoe, *see* Mistletoe.

Dynamics, steady state and dynamic pressure phenomena in propulsion system of F-111A airplane, 31636

F

Earned degrees conferred, 31222

Earnings, *see* Wages.

Earth:  
 remote sensing for earth resources, agreement with Brazil, 31855  
 studies of earth from space, USSR study, 31525  
 symposium on significant results obtained from Earth Resources Technology Satellite-1—  
 summary of results, 31664-664A  
 technical presentations, 31618  
*see also* Satellites.

Earth orbits, *see* Orbits.

Earth Resources Observation Systems, EROS data center, its design and construction, 31395

Earth sciences, *see* Sciences.

Earth Sciences Laboratories, NOAA technical report, ERL-ESL series, 31723

Earthquakes, recommendations for shape of earthquake response spectra, 30782

East (Middle East):  
 Near and Middle Eastern series, 31848

East (U.S.):  
 designate certain lands in more populous eastern half of U.S. as wilderness areas, hearings, 31143

Eberhardt, Arthur C.:  
 aircraft-pavement interaction studies, finite-element model of jointed concrete pavement on non-linear viscous subgrade, 31240

Ecology, ecological research series, 31267-269

Economic Analysis Bureau:  
 BEA quarterly econometric model, 31214  
 staff paper BEA-SP series, 31213-214

Economic assistance, *see* Foreign aid.

Economic conditions:  
 foreign economic trends and their implications for United States, ET series, 31501-514  
 impact of tax-exempt foundations and charitable trusts, 31015  
 international economic indicators, 31203  
*see also* names of countries, States, etc.

Economic controls, *see* Economic stabilization.

Economic development:  
 agriculture in Vietnam economy, system for economic analysis, 31218  
 financing economic development of Indians and Indian organizations, report, 31096  
 Fort Belknap Reservation area, resources and development potential, 31484  
 oceans are great new source of American economic development in today's international competition (address), 30893

## INDEX

- Economic development—Continued  
 provide for financing economic development of Indians and Indian organizations, hearing, 31144  
 Public works and economic development act, amend law, 30919  
 U.S. assistance for economic development of Republic of Korea, GAO review, 31384  
 Economic growth, *see* Economic development.  
 Economic impact of discontinuing farm use of land and BHC, 31216  
 Economic Joint Committee, committee prints, 30938-940  
 Economic Opportunity Office:  
 appropriations, 1974, report, 30983  
 Director, nomination of Alvin J. Arnett, hearing, 31156  
 Economic policy:  
 approach to planning for Miccosukee Tribe of Indians of Florida, 31486  
 Economic opportunity act, amend, report, 30968  
 International economic policy act, amend, report, 31068  
 Economic Research Service:  
 ERS series, 31216  
 FDD field report, 31218  
 Economic stabilization:  
 economic stabilization program series, 31171-173  
 Federal fiscal policy, 31339  
 phase 4—  
 food regulations, 31171  
 oil regulations, 31172  
 President's economic stabilization program (address), 30892  
 regulations, questions and answers, 31173  
 Economics:  
 BEA quarterly econometric model, 31214  
 International economic policy act, amend, report, 30999  
 Economy approach lighting aids, 31316  
 Ecuador, frog genus *Atelopus* in Ecuador (Anura, Bufonidae), 31801  
 Edgewood Arsenal, disposition of real property assets, hearings, 31010  
 Ediz Hook:  
 Port Angeles, Wash., beach erosion control project, engineers report—  
 departmental edition, 30953  
 document edition, 31245  
 EDS, *see* Environmental Data Service.  
 Education:  
 education of handicapped act, amend, report, 31077  
 educational and cultural postal amendments, report, 30996  
 educational statistics, digest, 31221  
 exchange programs, financing agreement, with Federal Republic of Germany, 31860  
 indicators of educational outcome, fall 1972, 31224  
 information and educational exchange act, amend, law, 30930  
 national assessment and social indicators, 31225  
 national assessment of educational progress, reading, theme 8, critical reading report, 31227  
 our education, 30859  
 question of opportunity, women and continuing education, 31601  
 statistics concerning Indian education, 31488  
 this Administration's education record (address), 31234  
*see also* High schools—Programmed instruction—Secondary education.  
 Education and Labor Committee, House:  
 hearings, 31017-20  
 report, 30973  
 Educational Commission of the States, national assessment of educational progress, reading, theme 8, critical reading, report, 31227  
 Education, National Institute, *see* National Institute of Education.  
 Education Office, student loan insurance fund, 1971 and 1972, financial statements, GAO examination, 30956  
 Educators, how educators can help prevent pollution, 31298  
 Effect of copper and silicon on selected mechanical properties of hot-rolled medium-carbon steels, 31590  
 Effects of stress history on resilient response of soils, 31243  
 Eggs, prices and price spreads for eggs, frying chickens, and turkeys in 12 major cities, 1966-71, 30718  
 Eigenfunctions, extension of QZ algorithm for solving generalized matrix eigenvalue problem, 31634  
 Eigenvalues, *see* Eigenfunctions.  
 El Salvador, background notes, 31836  
 Elderly people, *see* Aged.  
 Elections:  
 Campaign communications reform act, amend, report, 31083  
 District of Columbia, mayor and city council, elect, report, 31069  
 Federal election campaign act, appendix A, hearings, 31137  
 presidential campaign activities of 1972, hearings, 31159  
 Electric apparatus and appliances:  
 electrical equipment—  
 Central Valley project, mid-Pacific region, field review of maintenance, 31779  
 Hungry Horse project, Grand Coulee Dam Operation Office, Yakima project, region 1, field review of maintenance, 31780  
 Minidoka projects, Central Snake projects, field review of maintenance, 31781  
 North Platte River projects, South Platte River projects, region 7, field review of operation and maintenance, 31784  
 Parker-Davis project, Yuma project, Boulder Canyon project, field review of operation and maintenance, 31785  
 miscellaneous electrical power and distribution equipment, Federal item identification guide, 31188  
 Electric beams, aerodynamic and flow-visualization studies of 2 delta-wing entry vehicles of Mach number of 20.3, 31631  
 Electric conductors, high temperature superconductor Nb<sub>3</sub>Ga, 31616  
 Electric energy, *see* Electricity.  
 Electric equipment, *see* Electric apparatus and appliances.  
 Electric fields, electric and acoustic fields of fishes, use in commercial fishing, etc., USSR study, 31527  
 Electric lamps, fluorescent, ballasts, 1972, current industrial reports, 30841  
 Electric power, *see* Electricity.  
 Electric power plants, *see* Nuclear reactor power plants.  
 Electric switchgear, switches, and associated hardware, selection and use of, military standard, 31193  
 Electrical equipment, *see* Electric apparatus and appliances.  
 Electricity:  
 electrical power consumption for municipal wastewater treatment, 31291  
 fuels and electric energy consumed, 30799  
 initiatives in energy conservation, 31139  
 Rural electrification act, amend, law, 30908  
 rural restore direct loan program, law, 30908

- Electromagnetic fields:  
 random walk study of electron motion in helium in crossed electromagnetic fields, 31623  
 waves, instabilities and anomalous dissipation of parametric plasma in strong electromagnetic field of pumping wave, USSR study, 31534  
 Electromagnetic radiation, anomalous nonlinear dissipation of high-frequency radio waves in plasma, USSR study, 31532  
 Electromagnetic spectrum, *see* Spectra.  
 Electromagnetic waves, *see* Electromagnetic radiation.  
 Electron beams, BEAMR, an interactive graphic computer program for design of charged-particle beam transport systems, 31640  
 Electron microscopy, radiographic, petrographic, and SEM evaluation of ballistically loaded clay, 31261  
 Electron probe microanalysis, rigorous correction procedure for quantitative electron probe microanalysis, 31677  
 Electronic computers:  
 algebraic manipulation by computer, 31754  
 MINIMAX, FORTRAN computer program to assemble machine code for Interdata model 70 minicomputer on control-data 3800, 31724  
 standard digital data clock-rate shift with programmable digital phase shift, 31755  
 standard for fire protection of AEC electronic computer/data processing systems, 30781  
 Electronic data processing systems:  
 business data processing occupational performance survey, 31693  
 equal opportunity complaint and compliance review reporting and control procedure, HUD, 31433  
 export mailing list and FTI data services, 31202  
 Federal information processing standards publications, FIPS pubs, 31673  
 fiscal and ADP handbook, mortgage insurance, 31425  
 MIDAS, modular interactive data acquisition system, description and specification, 31679  
 standard for fire protection of AEC electronic computer/data processing systems, 30781  
*see also* Computer programs/programming—Information storage and retrieval systems.  
 Electronic equipment, photoelectronic and thermoelectronic instruments and their applications, USSR study, 31542  
 Electronics, communications-electronics management of electromagnetic spectrum, 30753  
 Electrons:  
 boundary-layer electron profiles for entry of blunt slender body at high altitude, 31637  
 random walk study of electron motion in helium in crossed electromagnetic fields, 31623  
 Elementary schools:  
 statistics of —  
 local public school systems, fall 1970, staff, 31229  
 public elementary and secondary day schools, fall 1972, 31230  
 Elm, American wood, 31353  
 EM series, 31246  
 Emergencies, *see* Accidents.  
 Emergency Loan Guarantee Board, implementation of Emergency loan guarantee act, GAO report, 31380  
 Emergency Medical Service Administration, establish, hearings, 31153  
 Emission:  
 air pollution aspects of emission sources—primary aluminum production, bibliography with abstracts, 30720  
 primary lead production, bibliography with abstracts, 30721  
 approximations for neutron emission spectra from proton collisions between 20 and 500 MeV on nuclei of A-12, 31653  
 fuel economy and emission control, 31295  
 investigation of aircraft gas turbine combustor having low mass emissions, 30761  
*see also* Exhaust emissions.  
 Employee benefit plans, pensions plan terminations, 1972, study, 31886  
 Employee training, *see* Apprentices.  
 Employees, local-transit operating employees, union wages and hours, 31562  
*see also* Government officials and employees—names of departments, etc., where employed.  
 Employment:  
 census employment survey user's guide, 31566  
 employment status and work experience 1970 census of population, 30808  
 Federal contractor job listing emphasizing employment of veterans, questions and answers on Secretary of Labor's regulation, 31572  
 new vistas for competitive employment of deaf persons, 31787  
 predictors of job tenure in lumber-plywood mill, 31362  
 public employment programs in selected rural and urban areas, Department of Labor, GAO report, 31388  
*see also* Discrimination in employment—Veterans.  
 Employment management, local government approaches to capacity building in professional manpower planning, 31414  
 En route air traffic control handbook, 30734  
 Enclosures, net radiation method for enclosure systems involving partially transparent walls, 31651  
 Energy, *see* Electricity.  
 Energy conversion, catalytic combustion, pollution-free means of energy conversion? 31274  
 Energy resources, *see* Power resources.  
 Engineering:  
 engineer manual EM series, 31246  
 engineering and design manual, 31246  
 examination announcement, engineering, physical sciences, and related positions, 30875  
 fisheries handbook of engineering requirements and biological criteria, 31247  
 fluoridation engineering manual, 31898  
 management engineering policies and procedures, Air Force manual, 30732  
 Engineers:  
 engineering and scientific occupational groups, selected characteristics, 31741  
 immigrant scientists and engineers in United States, study of characteristics and attitudes, 31788  
 persons in engineering, scientific, and technical occupations, current population reports, 30852  
 publications of interest to, list, 31356  
 Engineers Corps, Army:  
 appropriations, 1974, hearings, 31180  
 manuals, 31246  
 projects, hearing, 31163  
 public works appropriations, 1974, 30989  
 Engines:  
 exhaust emission from uncontrolled vehicles and related equipment using internal combustion engines, small air-cooled spark ignition utility engines, 30726  
 internal combustion, current industrial reports, 30842

## INDEX

- Engines (aircraft):  
 dispersion of turbojet engine exhaust in flight, 31650
- English language, Federal textbook on citizenship, home study course, English and State Government, 31440
- Enlisted men, *see* Army.  
 Enlisted women, *see* Army.  
 Enlistment, *see* Recruiting and enlistment.  
 Enrollment, *see* Colleges and universities.
- Entiat Experimental Forest, first-year vegetation after fire, reseeding, and fertilization on Entiat Experimental Forest, 31367
- Environment:  
 alternative futures and environmental quality, working papers, 31311  
 calendar of environmental meetings, quarterly, 31303  
 dining facility user-attitudes and environmental design research at Travis AFB, California, 31230  
 draft environmental statement, proposed 1973 Outer Continental Shelf, oil and gas general lease sale, offshore Mississippi, Alabama, and Florida, 31568  
 Environmental protection act, hearings, 31138  
 environmental protection technology series, 31272-293  
 final environmental statement for prototype oil-shale leasing program, public hearings during review, 31495  
 man and his environment, USSR study, 31531  
 material needs and environment today and tomorrow, final report, 31685  
 National environmental policy act, public hearings during review, final environmental statement for prototype oil-shale leasing program, 31495  
 socioeconomic environmental studies series, 31306  
 space and man's environment (address), 31663  
 Environmental Data Service, NOAA technical report, EDS series, 31721  
 Environmental health, *see* Health.  
 Environmental pollution, *see* Pollution.  
 Environmental Protection Agency:  
 Administrator—  
 decision regarding suspension of 1975 auto emission standards, hearings, 31161  
 nomination of Russell E. Train, hearings, 31164  
 aircraft and airport noise, EPA report, 31160  
 EPA compendium of registered pesticides, insecticides, acaricides, molluscicides, and antifouling compounds, 31765  
 interstate carrier water supply systems by States and EPA regions, inventory, 31296-297  
 Rocky Mountain Prairie Region, life, pass it on, PAO series, 31298-301  
 Environmental Quality Office:  
 appropriations, 1974, authorization, law, 30912  
 appropriations, 1975, authorization, law, 30912  
 Environmental Research Laboratories:  
 NOAA technical memorandum, ERL ORSS series, 31719  
 NOAA technical reports—  
 ERL-APCL series, 31722, 31724  
 ERL-ESL series, 31723  
 ERL-WMPO series, 31725  
 Enzymes, low water volume enzyme deactivation of vegetables before preservation, 31278  
 EPA, *see* Environmental Protection Agency.  
 Equal employment opportunity, *see* Discrimination in employment.
- Equations:  
 forest survey cubic-foot volume equations, 31364  
 iterative solution of integral equation for radiative transfer by using variational technique, 31632
- Equations of motion, application of matched asymptotic expansions to lunar and interplanetary trajectories, 31606
- Equilibrium:  
 steady state and dynamic pressure phenomena in propulsion system of F-111A airplane, 31636  
 thermodynamic and transport properties of gaseous tetrafluoromethane to chemical equilibrium, 31627
- Equipment, *see* names and types of equipment.
- Ergonomics, *see* Human engineering.
- ERL, *see* Environmental Research Laboratories.
- EROS, *see* Earth Resources Observation Systems.
- ERS, *see* Economic Research Service.
- ERTS (earth resources technology satellites), *see* Satellites.
- ESL, *see* Earth Sciences Laboratories.
- Estate tax, *see* Inheritance and transfer tax.
- Estimating Dunning's site index from plant indicators, 31368
- Estimating productivity on sites with low stocking capacity, 31372
- Ettle, Robert Erwin, oceanography of Grand Banks region of Newfoundland and Labrador Sea, 30891
- Eulogies, *see* Memorial services.
- EURATOM, *see* European Atomic Energy Community.
- Europe, tide tables, 31716
- European Atomic Energy Community, cooperation act, amend, report, 31093
- Eutrophication, weed harvest and lake nutrient dynamics, 31267
- Evaluation of item-by-item test administration, 30731
- Evaluation of methods for determining nahcolite and dawsonite in oil shales, 31593
- Evans, John S., boundary layer electron profiles for entry of blunt slender body at high altitude, 31637
- Evaporation, heat and water vapor exchange between water surface and atmosphere, 31284
- Everglades, Fla., surface water records, 31397
- Evolution, evolution of rails of South Atlantic Islands (Aves: Rallidae), 31802
- Examinations, *see* Civil service.
- Exchanges, *see* Foreign exchange.
- Excitation, scattering of 42-MeV alpha particles from copper-65, 31642
- Executive, Legislative, and Judicial Salary Commission, Federal salary act, amend, hearing, 31034
- Executive Office of the President:  
 appropriations, 1974, hearings, 31012, 31131  
 report, 31117
- Executives:  
 executive manpower in Federal service, 30877  
 Federal salary act, amend, hearing, 31034
- Exercise, *see* Physical fitness.
- Exhaust emissions:  
 develop operational system for evaluating and testing methods and instruments for determining effects of fuels and fuel additives on automobile emissions, 31277  
 dispersion of turbojet engine exhaust in flight, 31650  
 effect of fuel additives on chemical and physical characteristics of particulate emissions in automotive exhaust, 31275

Exhaust emissions—Continued  
 exhaust emission from uncontrolled vehicles and related equipment using internal combustion engines, small air-cooled spark ignition utility engines, 30726  
 suspension of 1975 auto emission standards decision of Administrator of Environmental Protection Agency, hearings, 31161  
 Exhaust gases, *see* Exhaust emissions.  
 Exhibitions, ballooning, 1782-1972, exhibition, 31685  
 Expenditures, equipment, labor, expenditures, chemicals census of agriculture, 1969, general report, 30791  
 Expenditures of United States Government :  
   Federal fiscal policy, 31339  
   impoundment control and 1974 expenditure ceiling report, 30991  
 Explosives, industrial explosives and blasting agents, consumption in United States, 31583  
 Export-Import Bank of United States, Board of Directors, Member, nomination of Mitchell P. Kobelinski, 31136  
 Exports :  
   Export administration act of 1969, amend, report, 30997  
   export mailing list and FTI tape services, 31202  
   world area by commodity groupings, annual foreign trade report, 30855  
   *see also* names of classes of articles exported.  
 Extramural program of research on aging, of National Institute of Child Health and Human Development, 31691  
 Extraterrestrial life, space medicine and extraterrestrial life, USSR study, 31543

F

F-layer, *see* Ionosphere.  
 F-14, *see* Fighter planes.  
 F-111 A, *see* Fighter planes.  
 Fabrics, *see* Textiles.  
 Fair hearings in public assistance, 31684  
 Fair labor standards act, *see* Labor standards.  
 Fallout, *see* Radioactivity.  
 Families :  
   and individuals, facts about relocation, 31416  
   food for family with young children, 30700  
   profile of clients with monthly family incomes less than \$150 who were rehabilitated during 1971, 31789  
   rental and cooperative housing for lower income families, 31428  
   *see also* Income.  
 Fans, and impellers, Federal item identification guide, 31184  
 Farm implements and machinery, equipment, labor, expenditures, chemicals, census of agriculture, 1969, general report, 30791  
 Farm income, *see* Income.  
 Farm labor, equipment, labor, expenditures, chemicals, census of agriculture, 1969, general report, 30791  
 Farm management, *see* Farms.  
 Farm products, *see* Agricultural products.  
 Farmer Cooperative Service, general reports, 31312  
 Farmers :  
   farm management, farm operators, 1969 census of agriculture, 30790  
   how farmer and rancher can help prevent pollution, 31300  
   increasing impact Federal estate and gift taxes on farm sector, present law and proposed changes, 30696  
 Farmers' bulletins, 30698-699  
 Farmers' cooperatives organizations, improving management of farmer cooperatives, 31312

Farmers Home Administration, rural credit program, nonfarm enterprises to supplement farm income, 30711  
 Farming, *see* Agriculture.  
 Farming in classroom, teacher's guide, 30717  
 Farms :  
   economic impact of discontinuing farm use of lindane and BHC, 31216  
   farm management, farm operators, 1969 census of agriculture, 30790  
   farm operations, facts about relocation, 31415  
   farms, number, use of land, size of farms, 1969 census of agriculture, 30789  
   general information, value of products, economic class, contracts, 1969 census of agriculture, 30792  
   irrigation and drainage on farms, 1969 census of agriculture, 30794  
   rural credit program, nonfarm enterprises to supplement farm income, 30711  
   slaughtering, cutting, and processing beef on farm, 30699  
   type of farm, 1969 census of agriculture, 30793  
   *see also* Farm labor.  
 FAS, *see* Foreign Agricultural Service.  
 Fast reactors, *see* Reactors (atomic).  
 Fate of trace constituents of coal during gasification, 31272  
 Fatigue of materials, *see* Strains and stresses.  
 FDD field report, 31218  
 Federal agencies, *see* Government offices.  
 Federal aid, *see* Grants-in-aid.  
 Federal Aviation Administration, FAA-AM series, 30785-788  
 Federal Bureau of Investigation, Director, nomination of Clarence M. Kelley, hearings, 31150  
 Federal contractor job listing emphasizing employment of veterans, questions and answers on Secretary of Labor's regulation, 31572  
 Federal credit unions, facts about credit unions, 31686  
 Federal Deposit Insurance Corporation, Director, nomination of George A. LeMalstre, hearing, 31136  
 Federal elections campaign act, 31083, 31137  
 Federal employees, *see* Government officials and employees.  
 Federal employment, *see* Employment.  
 Federal Financing Bank, establish, report, 30981  
 Federal government, *see* Government.  
 Federal guidelines, pretreatment of discharges to publicly owned treatment works, 31897  
 Federal Highway Administration :  
   Administrator, nomination of Norbert T. Tlemann, hearing, 31162  
   report FHWA-RD (series), 31319-326  
 Federal Home Loan Bank Board, appropriations, 1974, hearings, 31011  
 Federal Housing Administration, insuring authorities, temporary extension, report, 31079  
 Federal information processing standards, *see* Information storage and retrieval systems.  
 Federal information systems and plans, Federal use and development of advanced information technology, 31023  
 Federal item identification guides :  
   aircraft launching, landing and ground handling equipment, 31180  
   chemicals, 31181  
   cloth, 31182  
   counters, rotating and reciprocating, 31183  
   fans and impellers, 31184  
   fuels, liquid and solid, 31185  
   jumpers, sweaters, and undershirts, 31186  
   lights, 31187  
   miscellaneous electrical power and distribution equipment, 31188

## INDEX

- Federal item identification guides—Con.  
nuts, 31189  
propellers and test clubs, 31190  
terminal boards, 31191  
visible record equipment, 31192
- Federal labor laws, 31895
- Federal Labor Relations Council, appropriations, 1974, report, 31117
- Federal Mediation and Conciliation Service, appropriations, 1974, report, 30983
- Federal Metal and Nonmetallic Mine Safety Board of Review, appropriations, 1974, hearings, 31126
- Federal personnel manual, *see* Civil service.
- Federal Power Commission, public works appropriations, 1974, report, 30989
- Federal property, *see* Public property.
- Federal regulations, *see* Code of Federal Regulations—*also* subjects.
- Federal savings and loan association, own stock in and invest in loans to State housing corporations allow, report, 31003
- Federal service, *see* Civil service.
- Federal Trade Commission, decisions, bound volume, 31340
- Fees, facilities subject to user fees at Federal areas report, 31084
- Fellowships, National biomedical research fellowship, traineeship, and training act, report, 30965
- Ferris, Steven H., improvement of absolute distance estimation under water, use of monocular motion parallax, 31582
- Fertilization of plants, first-year vegetation after fire, reseeding, and fertilization on Entiat Experimental Forest, 31367
- Fertilizers, nitrogen, phosphate, potash; fertilizer supply, 1972-73, 30694
- FHA, *see* Federal Housing Administration.
- FHLBB, *see* Federal Home Loan Bank Board.
- FHWA, *see* Federal Highway Administration.
- Fibers:  
assure consumers of plentiful supplies at reasonable prices, report, 31005  
stocks of wool and related fibers, current industrial reports, 30850  
trade in wool and man-made fiber textile products, agreement with Malaysia, 31854
- Field test report on interoceanic acoustic release devices, 31728
- Fighter planes:  
F-111A, steady-state and dynamic pressure phenomena in propulsion system, 31636  
investigation of coaxial jet noise and inlet choking using F-111A airplane, 31649  
maneuver and buffet characteristics of fighter aircraft, 31625  
tactical air power and F-14 appropriations, 1974, authorization, hearings, 31132
- FIG, *see* Federal item identification guides.
- Files and filing (documents):  
NIPS formatted file system (360 FFS) user's manual, file maintenance (FM), 31177
- Filipinos, in United States, census of population, 1970, subject reports, 30807
- Filters and filtration:  
phosphorus removal by trickling filter slimes, 31290  
relationship between fabric structure and filtration performance in dust filtration, 31292
- Filtration, *see* Filters and filtration.
- Final environmental statement for prototype oil-shale leasing programs, 31495
- Finance:  
agricultural finance review, 31215  
Federal financial management directory, 31876  
Federal fiscal policy, 31339
- Finance—Continued  
financial aspects of administration of grants-in-aid to State and local governments, HUD, 31421  
financial statements, student loan insurance fund 1971 and 1972, 30958  
fiscal and ADP handbook, mortgage insurance, 31425  
program for reform of our financial system, 30962  
provide for financing economic development of Indians and Indian organizations, hearing, 31144  
*see also* Accounts and accounting.
- Finance Committee, Senate:  
additional expenditures, authorizing report, 31109  
hearings, 31140  
reports, 31068, 31120  
Financial statements, *see* Finance.
- Fine Arts Commission, appropriations, 1974, hearings, 31126
- Finland, background notes, 31837
- FIPS, *see* Information storage and retrieval systems.
- Fir, new timber cruising grades for coast Douglas-fir, 31371
- Fire protection, *see* Fires.
- Fire retardants, *see* Fires.
- Firemen (firefighters):  
Federal, increase annuities, hearings, 31038
- Fires:  
application of space program fire-retardant technology to housing, 31644  
fire service location-allocation models, 31678  
standards for fire protection of AEC electronic computer/data processing systems, 30781
- Fiscal policy, *see* Finance.
- Fish and fisheries:  
current fishery statistics, series, 31710-711  
electric and acoustic fields of fishes, use in commercial fishing, etc., USSR study, 31527  
Federal aid in fish and wildlife restoration, manual, 31826  
Federal laws and treaties on sport fish and wildlife, selected list, 31833  
fisheries handbook of engineering requirements and biological criteria, 31247  
fisheries, shrimp, agreement with Brazil, 31857  
fishery marketing development series, 31712  
fishery products, imports and exports, 31710  
fishery publications, calendar year 1967, lists and indexes, 31726  
Florida landings, 31711  
let's cook fish, 31712  
reciprocal fishing privileges, agreement with Canada, 31859  
stilling basin hydraulics and downstream fish migration, 31238  
survival of fish passing through spillways and conduits, compendium, 31238  
*see also* Wildlife.
- Fisheries, *see* Fish and fisheries.
- Fishery products, *see* Fish and fisheries.
- Fishery Services Division, annual report, 31831
- Fixed wing flight, 30751
- Flags, our flag, story, etc., 30944
- Flaps (aircraft):  
effect of wing aspect ratio and flap span on aerodynamic characteristics of externally blown jet-flap STOL model, 31629
- Fletcher, James C., address, Mar. 17, 1973, 31663
- Flexible GI interest rate authority in VA, 30892

- Flight:**  
 dispersion of turbojet engine exhaust in flight, 31850  
 fixed wing, technical manual, 30751  
 flight test guide, private pilot airplane, 31341  
 methods and techniques of airframe strength flight tests, 31860  
 problems of space biology, tissue oxygen under extreme flight factors, 31659  
 services handbook, 30735
- Floods:**  
 Flood control act, amend, report, 31084  
 flood plain information—  
   Aliso Creek, Orange County, 31248  
   Coody Creek, Muskogee, Okla., 31249  
   Dry Creek and tributaries, Roseville, Calif., 31250  
   Hobbie Creek, Springville, Utah, 31251  
   Logan River, Logan, Utah, 31252  
   Ohio and Beaver Rivers, Beaver County, Pa., 31253  
 increase in flood insurance authorization, law, 30914
- Floors and flooring, stabilization of hard maple flooring with polyethylene glycol 1000, 31370**
- Florida:**  
 approach to planning for Miccosukee Tribe of Indians of Florida, 31486  
 county business patterns, 30819  
 draft environmental statement, proposed 1973 Outer Continental Shelf, oil and gas general lease sale, offshore Mississippi, Alabama, and Florida, 31568  
 estimates of population of counties, current population reports, 30854  
 landings, fish and shellfish, 1972 annual summary, 31711  
 southern water resources data, 31397
- Flow:**  
 aerodynamic and flow-visualization studies of 2 delta-wing entry vehicles of Mach number of 20.3, 31631  
 analytical and experimental studies of shock interference heating in hypersonic flows, 31626  
 characteristics of water quality and streamflow, Passaic River Basin above Little Falls, N.J., 31400  
 critical two-phase flow for cryogenic fluids, 31678  
 experimental and analytical study of one- and two-component flows in spherical chambers, 31609
- FORTTRAN program for calculating velocities and streamlines on hub-shroud and mid-channel flow surface of axial- or mixed-flow turbomachine, user's manual, 31639**
- irrigation management for control of quality of irrigation return flow, 31288**  
 numerical simulation of three-dimensional transonic flow with application to C-141 wing, 31624  
 some problems of calculation of 3-dimensional boundary-layer flows on general configurations, 31611  
*see also* Vortex flow.
- Flow of water, see Hydraulics.**
- Flowers, selected terminal wholesale markets for flowers, 30708**
- Fluid flow, see Flow.**
- Fluids:**  
 retrieval of dispersive and convective transport phenomena in fluids using stationary and nonstationary time domain analysis, 31630  
 turbulent fluid friction of rotating disks, 31607
- Fluorescence, development of X-ray fluorescence spectroscopy in elemental analysis of particulate matter, evaluation of commercial multiple crystal spectrometer instruments, 31278**
- Fluorescent lamps, see Electric lamps.**
- Fluoridation, fluoridation engineering manual, 31898**
- FNS, see Food and Nutrition Service.**
- Foamed plastics, see Plastics.**
- Fog, transmission of 2.0-3.4 micron infrared radiation in ice fog, 31237.**
- Foils, see Metal foils.**
- Fond du Lac County, Wis., soil survey report, 31819**
- Food:**  
 Federal food programs, 1973, hearings, 31157  
 food and agricultural export directory, 31349  
 food and your weight, 30701  
 for family with young children, 30700  
 it's good food, keep it safe, 30714  
 low water volume enzyme deactivation of vegetables before preservation, 31278  
 Phase 4, food regulations, 31171  
 we want you to know about labels on foods, 31343  
 nutrition, 31345  
*see also* School lunches.
- Food and Nutrition Service, FNS series, 31346-348**
- Foot-and-mouth disease, prevention, agreement with Honduras, 31858**
- Foote, Richard J., quarterly and shorter-term price forecasting models relating to cash and futures quotations for pork bellies, 30719**
- Footwear, see Boots and shoes.**
- Ford Motor Company, wage chronology, 1941-73, 31563**
- Forecasting spring wheat harvest before planting by inertial factors, 31517**
- Forecasts, patent documentation use in medium-term technological forecasting, 31524**
- Foreign Affairs, Committee, House: hearings, 31021-22 report, 30978**
- Foreign Agricultural Service: miscellaneous, FAS-M series, 31349-350 special reports, 1st, 31351**
- Foreign agriculture, see Agriculture.**
- Foreign aid:**  
 Foreign assistance act, amend, report, 31116  
 Mutual development and cooperation act, hearings, 31022  
 Foreign assistance, *see* Foreign aid.
- Foreign born: immigrant scientists and engineers in United States, study of characteristics and attitudes, 31738 we, the American foreign born, 30863**
- Foreign countries:**  
 background notes, 31834-842  
 foreign economic trends and their implications for United States, ET series, 31501-514  
 foreign language and area studies, educational programs, 1974-75, 31228  
 plant quarantine import requirements, logs and lumber, 30738  
 U.S. foreign trade, schedule C, classification of country designations, 30856
- Foreign exchange, how well are fluctuating exchange rates working?, 30938**
- Foreign languages, see Language and languages.**
- Foreign policy, see International relations.**
- Foreign Policy, Organization of Government for Conduct of, Commission, see Organization of Government for Conduct of Foreign Policy Commission.**
- Foreign relations, see International relations.**
- Foreign Relations Committee, Senate: hearings, 31141 reports, 31070, 31097, 31108, 31116**
- Foreign Service, building program 1974 and 1975, authorization, law, 30920**

## INDEX

- Foreign trade, *see* Commerce—*also* names or classes of commodities—*also* names of countries.
- Foreigners, *see* Aliens.
- Forest lands, *see* Forests and forestry.
- Forest management, Spokane Indian Reservation forest inventory analysis, 31487
- Forest mensuration, *see* Forests and forestry.
- Forest planting, first-year vegetation after fire, reseeding, and fertilization on Entiat Experimental Forest, 31367
- Forest Products Laboratory: publications, list—  
furniture manufacturers and woodworkers, 31358  
interest to architects, 31356  
timber products, milling and utilization, 31357
- Forest Service: appropriations, 1974, hearings, 31126  
general technical reports, 31359-360  
reduction in number of employees, prohibit, report, 31092  
research notes, 31361-369  
research papers, 31370-374
- Forest survey cubic-foot volume equations, 31364
- Forest thinning, tree growth and water use response to thinning in 47-year-old Lodgepole pine stand, 31366
- Forestry, *see* Forests and forestry.
- Forests and forestry: control of dwarf mistletoe in a heavily used ponderosa pine recreation forest, Grand Canyon, Ariz., 31374  
estimating productivity on sites with low stocking capacity, 31372  
first-year vegetation after fire, reseeding, and fertilization on Entiat Experimental Forest, 31367  
forest survey cubic-foot volume equations, 31364  
future role of chemicals in forestry, 31360  
research notes, 31361-369  
research opportunities and needs in taiga of Alaska, 31359  
research papers, 31370-374  
Spokane Indian Reservation forest inventory analysis, 31487  
*see also* National forests.
- Fort Belknap Reservation, resources and development potential, 31484
- Fort Worth, Tex., aircraft accident report, 31742
- FORTTRAN, *see* Computer programs/programming.
- Foster, Betty J., statistics of public elementary and secondary day schools, fall 1972, 31230
- Fouling organisms, EPA compendium of pesticides, antifouling compounds, etc., 31765
- Foundations (charitable and educational): tax-exempt foundations and charitable trusts, their impact on our economy, 31015
- Fowler, D. Lee, pesticide review, 30695
- Fox Indians, Sacs and Foxes, general information, 31474
- Fragmentation, fragment and projectile penetration resistance of soils high-velocity fragment penetration into laboratory-prepared soil targets, 31259
- Franking privilege, mail management, postage accountability, 31423  
*see also* Mail matter.
- Freden, Stanley C.: symposium on significant results obtained from Earth Resources Technology Satellite-1—  
summary of results, 31664-664A  
technical presentations, 31618
- Freiman, S. W., crack propagation studies in brittle materials, 31756
- French Guiana, background notes, 31838
- Frequency band, anomalous nonlinear dispersion of high-frequency radio waves in plasma, 31532
- Frequency standards, standard digital data clock-rate generator with programmable digital phase shift, 31755
- Fresh fruit, *see* Fruit.
- Fresh-water fauna, freshwater unionacean clams (Mollusca: Pelecypoda) of North America, 31310
- Friction: friction losses in a lubricated thrust-loaded cageless angular-contact bearing, 31643  
turbulent fluid friction of rotating disks, 31607
- Friedlander, Mona: five-year plan summary—  
Hungary, 31208  
Poland, 31207
- Frogs, frog genus *Atelopus* in Ecuador (Anura, Bufonidae), 31801
- Fruit: fresh—  
fruit and vegetable unloads FVUS (series), 30691-692  
shipment by—  
commodities, States, months, 30692  
States, commodities, countries, stations, 30691
- Fryingpan-Arkansas project, annual operating plan, 31774
- Fuchs, Louis H., mineralogy, mineral-chemistry, and composition of Murchison (C2) meteorite, 31799
- Fuel: develop operational system for evaluating and testing methods and instruments for determining effects of fuels and fuel additives on automobile emissions, 31277  
fuel economy and emission control, 31295  
fuels and electric energy consumed, 30799  
fuels, liquid and solid, Federal item identification guide, 31185  
*see also* Petroleum as fuel.
- Fuel gas, *see* Gas.
- Fuel oil, *see* Petroleum as fuel.
- Fuels, *see* Fuel—*also* Reactor fuels.
- Fumigants, relative toxicity of chloropicrin, phosgene, EDC-CCl<sub>4</sub> and CCl<sub>4</sub>-CS<sub>2</sub> to various life stages, 30693
- Funds, private funds for mental health research, list, 31697  
*see also* subjects for which funds are used.
- Fungi, long-term resistance in terrestrial fungi and termites, 31753
- Furniture, manufacturers and wood workers publications, list, 31358
- Futures, *see* Speculation.
- FVUS series, 30691-692

### G

- Gaits, jogging guidelines, 31769
- Galladuet College, appropriations, 1974, hearings, 31009
- Gallium, high temperature superconductor Nb<sub>3</sub>Ga, 31616
- Galveston Bay, pollution of navigable waters of Galveston Bay and its tributaries, conference proceedings, 31294
- Gambling, Commission on Review of National Policy toward, *see* National Policy toward Gambling, Commission on Review of.
- Game and game birds, *see* Wildlife.
- Gamma function, *see* Mathematics.
- Gardening, *see* Gardens.
- Gardens, home and garden bulletins, 30700-706
- Garinkel, S. B. dose calibrator pilot study, 31680



## NOVEMBER 1978

- Gas:**  
 draft environmental statement, proposed 1973 Outer Continental Shelf, oil and gas general lease sale, offshore Mississippi, Alabama, and Florida, 31563  
 drilling Atlantic Continental Shelf for oil and gas, (remarks), 31499  
 experimental and analytical study of one- and two-component flows in spherical chambers, 31609  
 fate of trace constituents of coal during gasification, 31272  
 natural initiatives in energy conservation, 31139  
 Gas chromatography, *see* Chromatography.  
 Gas-cooled reactors, *see* Reactors (atomic).  
 Gas pipe lines, *see* Pipe lines.  
 Gas turbines, *see* Turbines.  
 Gases, conceptual design and cost study, sulfur oxide removal from power plant stack gas, manganese scrubbing-regeneration, production of concentrated sulfuric acid, 31280  
*see also* names of gases.  
 Gasification, *see* Gas.  
 Gazetteers, *see* Geographical names.  
 Geist, J. Michael, total soil nitrogen analysis using micro-Kjeldahl digestion and portable distillation equipment, 31369  
 General Accounting Office:  
 appropriations, 1974, legislative, hearings, 31129  
 reports to Congress, by Comptroller General of United States, 31377-386  
 work with GAO for more effective government, 31390  
 General Services Administration:  
 Administrator, nomination of Arthur F. Sampson, hearing, 31142  
 appropriations, 1974—  
 hearings, 31131  
 report, 31117  
 San Francisco regional office lease prospectus, hearing, 31040  
 use of formal advertising for government procurement can, and should, be improved, GAO report, 31385  
 General technical reports, Forest Service, 31359-360  
 Generators, standard digital data clock-rate generator with programmable digital phase shift, 31755  
 Geographic Names Board, gazetteers, 31391-392  
 Geographical names:  
 gazetteers, 31391-392  
 Haiti, official standard names gazetteer, 31391  
 Libya, official standard names gazetteer, 31392  
 Geological Survey:  
 bulletins, 31395  
 popular publications, announcement, 31393  
 water supply papers, 31400-406  
 Geology:  
 lunar geology, USSR study, 31536  
 spontaneous modelling in natural processes, USSR study, 31541  
 Geophysical instruments, geophysical instruments, USSR study, 31518  
 Geophysics, Solar-Terrestrial Physics, report UAG series, 31265  
 Germany:  
 exchange programs, financing, agreement with Federal Republic of Germany, 31860  
 foreign relations, U.S.—  
 departmental edition, 30943  
 document edition, 31845  
 Gerontology, patterns for progress in aging, work study in social gerontology, 30689  
 Gibbs, W. Jr., dining facility user-attitudes and environmental design research at Travis AFB, California, 31239  
 Gibson, Cecil R., Apollo experience report, service propulsion subsystem, 31648  
 Gift tax, *see* Inheritance and transfer tax.  
 Glass, crack propagation studies in brittle materials, 31756  
 GNMA, *see* Government National Mortgage Association.  
 Going abroad? an important message for U.S. citizens, 30713  
 Goodrich, D. C., selected terminal wholesale markets for flowers, 30708  
 Governing bodies of federally recognized Indian groups, 31443  
 Government:  
 books on Indian history, problems, and relationship to Federal Government, list, 31449  
 creative partnerships, Government and professional services, conference proceedings, 31675  
 Federal financial management directory, 31376  
 Federal fiscal policy, 31339  
 financial aspects of administration of grants-in-aid to State and local governments, HUD, 31421  
 general Government appropriations, 1974—  
 hearings, 31131  
 report, 31117  
 improving opportunities for employment of disadvantaged in State and local governments, guide for effective action, 30881  
 local government approaches to capacity building in professional manpower planning, 31414  
 our American Government, what is it, how does it work? print revised edition, report, 31090  
 our Constitution and Government, Federal textbook on citizenship, 31441  
 simplified edition, 31442  
 regional governance, promise and performance, substate regionalism and Federal system, case studies, 30688  
 selling to U.S. Government, 31795  
 State government, Federal textbook, 31440  
 supervisor's guide to labor relations in Federal Government, 30889  
 ways to improve records management practices in Federal Government, GAO report, 31386  
 Government contracts:  
 code of Federal regulations, 31338  
 housing authorized by building permits and public contracts, construction report, 30816  
 Renegotiation act of 1961, extend, law, 30985  
 Service contract act, extend to Canton Island—  
 law, 30928  
 report, 30973  
 Government employees, *see* Government officials and employees.  
 Government National Mortgage Association, temporary waiver of certain limitations applicable to purchase of mortgages, report, 31079  
 Government offices:  
 Federal agency contacts for natural disaster, 31417  
 reductions in force, permit retirement of certain Federal employees, law, 30915  
 standards for audit of governmental organizations, programs, activities & functions, 31389  
 union recognition in Federal Government, statistical report and listings by agency, etc., 30890  
 Government officials and employees:  
 assessment/placement profile APP system, HUD, 31418  
 displaced employee program, 30879  
 employee training in Federal service, 30888  
 executive manpower in Federal service, 30877

Do not order from index; see indicated entry

Page 105

## INDEX

- Government officials and employees—Con.  
Federal civilian employee loyalty-security program, report, print additional copies, report, 31088  
Federal employee facts, 30878-879  
incentive awards program, 30878  
increase in Government's contribution under Federal employees health benefits program, 31037  
permit immediate retirement of certain Federal employees, law, 30915  
supervisor's guide to labor relations in Federal Government, 30889  
union recognition in Federal Government, statistical report and listings by agency, etc., 30890
- Government Operations Committee, House: committee print, 31024  
hearings, 31023
- Government Operations Committee, Senate: hearing, 31142  
investigations and studies, authorizations and expenses, report, 31086
- Government Printing Office, appropriations, 1974, legislative, hearings, 31129
- Government regulation and control: economic stabilization program, phase 4—food regulations, 31171  
oil regulations, 31172  
regulations, questions and answers, 31173
- Government supplies, use of formal advertising for government procurement can, and should, be improved, GAO, report, 31385
- Graduate students, *see* Colleges and universities.
- Graduate work, *see* Colleges and universities.
- Grand Banks, oceanography of Grand Banks region of Newfoundland and Labrador Sea, 30891
- Grand Canyon, control of dwarf mistletoe in a heavily used ponderosa pine recreation forest, Grand Canyon, Ariz., 31374
- Grand Canyon National Park, protect and enlarge, hearings, 31145
- Grand Coulee Dam, operations office, region 1, electrical equipment, field review of maintenance, 31780
- Grand Teton National Park: general information, 31732  
maps, 31736
- Grants-in-aid, comprehensive planning assistance managing grant, 31431  
*see also* subjects for which grants have been made.
- Granular materials, effects of stress history on resilient response of soils, 31243
- Graphic methods, BEAMR, an interactive graphic computer program for design of charged-particle beam transport systems, 31640
- Gravimeters, new GRK-1 quartz gravimeter, description, USSR study, 31526
- Gravity meters, *see* Gravimeters.
- Great Britain:  
Bahamas long range proving ground, expanded use of Ascension Island, agreement, 31856  
economic trends and their implications for United States, 31512  
social security, agreement, 31868
- Great Lakes:  
ice cover, 1970-71 winter, 31720  
International field year for Great Lakes, IFYGL bulletin, 31718  
modification of winter storms, weather control, etc., 31722  
plot, survey, 31713-715  
promotion of safety on Great Lakes by means of radio, agreement with Canada, 31046
- Greece:  
plant quarantine import requirements, 30739  
selling in Greece, 31208
- Green, R. L., consideration for preparation of operation and maintenance manuals, 31896
- Greenland, soluble particulates in ice from site, 2, 31236
- Grievance procedures, employee grievances handbook, HUD, 31419
- Grinding and polishing, large-scale continuous attrition grinding of coarse kaolin, 31589
- Grote, Heinz H., MINIMAX, FORTRAN computer program to assemble machine code for interdata model 70 minicomputer on control-data 3800, 31724
- Ground effect, low-speed aerodynamic characteristics of fuselage model with various arrangement of elongated lift jets on V/STOL model, 31633
- Ground water, *see* Water.
- Grouting, chemical grouting, engineering and design, 31246
- Growing apricots for home use, 30705
- Growing bonsai, 30706
- Growing illacs, 30704
- Growth, tree growth and water use response to thinning in 47-year-old Lodgepole pine stand, 31366
- Grumer, Joseph, minimum extinguishant and maximum oxygen concentrations for extinguishing coal dust-air explosions, 31594
- Guam, county business patterns, 30835
- Guaranties and sureties:  
implementation of Emergency loan guarantee act, GAO report, 31380  
investment guaranties, agreement with Yemen Arab Republic, 31853
- Gudkov, A. I.:  
external loads and aircraft strength, 31657  
methods and techniques of airframe strength flight tests, 31660
- Guidelines for library handbooks, 31569
- Gulfs, *see* name of gulf, or place where located.
- Gullies, how to control a gully, 30698
- Gully control structures, how to control gully, 30698
- Gusts, *see* Winds.
- Guyana, economic trends and their implications for United States, 31511
- Gypsum, mineral industry surveys, 31585

### H

- Hackberry, American wood, 31354
- Hage, Richard E., better communities act, cities speak, 31412
- Halti, gazeteer, official standard names, 31391
- Hampton, Robert E., reappointment, hearings, 31158
- Han River, basin, Korea, water resources study, 31786
- Handbooks, *see* names of departments, etc., issuing handbooks—also subjects.
- Handicapped:  
Education of handicapped act, amend, report, 31077  
Head Start services provided to handicapped children, 30867
- Handling equipment, aircraft ground handling equipment, Federal item identification guide, 31180
- Hard-clams, *see* Clams.
- Hardwoods, volume of selected hardwood species suitable for turnery bolts in Maine, 31363
- Hardy, Edward P., Jr., Health and Safety Laboratory fallout program, quarterly summary report, 30773
- Hare, Charles T., exhaust emission from uncontrolled vehicles and related equipment using internal combustion engines, small air-cooled spark ignition utility engines, 30726

- Harmon Foundation, Negro art from, select audiovisual records, 31671
- Harvesting, weed harvest and lake nutrient dynamics, 31267
- Havasupai Indians, general information, 31459
- Hazards, coal waste banks, list, 31496
- Head Start project, *see* Children.
- Health:
- ancillary health personnel in maternal and child health projects, *see*, 31576
  - barriers to health care for older Americans, hearings, 31122
  - coal mine health and safety research program, 31584
  - emergency health care services, report, 30963
  - environmental health effects research series, 31270-271
  - environmental health perspectives, 31694
  - longitudinal health survey, 31579
  - occupational safety and health, other regulations and procedures, 31762
  - Spanish-language health communications teaching aids, list of printed materials and their sources, 31410
  - statistics—
    - data from national health survey, 31682
    - data on national health resources, 31683
    - trends of research on prevention of physiological aging and value of exercise for fitness and health, 31773
  - Veterans health care expansion act, report, 30995
  - see also* Medical care—Mental health.
- Health and Safety Laboratory:
- AEC fallout program, quarterly summary report, 30773
  - appendix, 30774
- Health care institutions, *see* Health centers.
- Health centers:
- health maintenance organizations, 1973, provide assistance and encouragement for establishment and expansion, hearings, 31031
  - medical record manual for ambulatory health centers, 30896
  - regional medical programs, oversight, hearing, 31032
  - selected papers on consumerism in HMO movement, 31408
  - Veterans health care expansion act, report, 30995
- Health, Education, and Welfare Department:
- appropriations, 1974—
    - hearings, 31009, 31126
    - reports, 30983, 31117
  - improvement needed in administration of program to provide medicare for welfare recipients, GAO report, 31381
- Health insurance:
- health insurance statistics, current medicare survey report, CMS series, 31808
  - increase in Government's contribution under Federal employees health benefits program, hearing, 31037
  - supplementary medical insurance, 1967-71 trends and fourth quarter 1971, 31808
- Health maintenance organizations, *see* Health centers.
- Health service workers, use of ancillary health personnel in maternal and child health projects, 31576
- Hearing, loss, hope through research, 31700
- Heart, radioisotope powered cardiac pacemaker program, 30766
- see also* Artificial heart.
- Heat exchange, *see* Heat transfer.
- Heat flux, *see* Heat transfer.
- Heat of vaporization, heat and water vapor exchange between water surface and atmosphere, 31284
- Heat transfer:
- heat and water vapor exchange between water surface and atmosphere, 31284
  - Heat transfer—Continued
    - high power and heat flux irradiation of uranium-plutonium carbides, fast reactor mixed carbide fuel element development program, 30772
    - net radiation method for enclosure systems involving partially transparent walls, 31651
  - Heating, *see* Aerodynamic heating.
  - Heating apparatus and supplies, available heated wet-suit protection for divers and swimmers, 31581
  - Heavy duty vehicle driving pattern and use survey, final report, New York City, 30727
  - Height finders, characterizing vegetation from existing source material for predicting munition height of burst in inaccessible areas, 31258
  - Helicopters:
    - crashworthy landing gear study, 30758
    - improved structural crashworthiness analytical and design techniques development program, 30759
    - vibration effects on helicopter reliability and maintenance, 30762
  - Helium:
    - random walk study of electron motion in helium in crossed electromagnetic fields, 31623
    - trace organic impurities in gaseous helium, 31622
  - Hemagglutination, manual of tissue typing techniques, 31690
  - Henoc, Jean, rigorous correction procedure for quantitative electron probe microanalysis, 31677
  - Hervey, John G., our Constitution and Government, Federal textbook on citizenship, simplified edition, 31442
  - HEW, *see* Health, Education, and Welfare Department.
  - High energy physics, *see* Atomic energy.
  - High frequency, *see* Frequency band.
  - High schools, statistics of public elementary and secondary day schools, fall 1972, 31230
  - see also* Secondary education.
  - High speed ground transportation, West coast corridor feasibility study act, report, 31081
  - High speed streams in solar wind, 31265
  - High Temperature Institute, USSR:
    - scientific research, 1972, most important results, 31546
    - U-25 apparatus, research, 31546
  - High temperature superconductor Nb<sub>3</sub>Ga, 31616
  - Higher education, *see* Colleges and universities.
  - Highway safety, *see* Safety of life.
  - Highways, *see* Roads and highways.
  - Hiner, Richard L., slaughtering, cutting and processing beef on farm, 30699
  - Hirsch, Albert A., BEA quarterly econometric model, 31214
  - Historic sites:
    - additional historic properties throughout Nation, program for preservation, establish, law, 30925
    - prospects for the past, study of notable architecture, Sheboygan, Wis., 31439
  - History, Smithsonian studies in history and technology, 31804
  - see also* subjects.
  - Hobble Creek, flood plain information, Hobble Creek, Springville, Utah.
  - Hobbies, Hobby protection act, report, 31094
  - Holdeman, James D., dispersion of turbojet engine exhaust in flight, 31650
  - Holston River, water quality and waste treatment requirements on upper Holston River, Kingsport, Tenn. to Cherokee Reservoir, 31902
  - Home economics:
    - home and garden bulletins, 30700-706
    - how homemaker can help prevent pollution, 31299

## INDEX

- Homemakers, *see* Home economics.  
 Homemaking, *see* Home economics.
- Homes:  
 home-based child development program resources, bibliography, 30868  
 planned-unit development with homes association, 31328
- Honduras, prevention of foot-and-mouth disease and rinderpest, agreement, 31858
- Hood, assure consumers of plentiful supplies at reasonable prices, report, 31005
- Hopi Indians, general information, 31458
- Hopper, Mary E., earned degrees conferred, 31222
- Hospitals:  
 National labor relations act, amend, extension to nonprofit hospital employees, hearings, 31018  
 Public Health Service—  
 administration's proposal to dismantle major portion of system, hearings, 31033  
 hospitals, oversight, hearing, 31028  
 regional medical programs, oversight, hearing, 31032  
 research on nurse staffing in hospitals, 31409  
*see also* Veterans hospitals.
- Hours of labor:  
 departmental time and cost reporting system, regional and field office instructions, 31422  
 union wages and hours, local-transit operating employees, 31562
- House of Representatives:  
 committee organization, hearings, 31016  
 documents, 30942-962  
 journal, 92d Cong., 2d Sess., 30941  
 reports, public bills, 30963-31006
- Households, household income in 1969 for States, SMSA's, cities, and counties, 30811
- Housing:  
 abandoned housing research, compendium, 31411  
 application of space program fire-retardant technology to housing, 31644  
 authorized by building permits and public contracts, construction report, 30816  
 census, 1970—  
 components of inventory change, 30795-797  
 housing of selected racial groups, 30798  
 subject reports, 30798  
 financial aspects of administration of grants-in-aid to State and local governments, HUD, 31421  
 housing and urban development laws and authorities, temporary extension, report, 31079  
 implementation of affirmative fair housing marketing regulations, 31484  
 initial quality and life-cycle costs in military family housing, 31241  
 planned-unit development with homes association, 31328  
 property disposition handbook, reconditioning acquired properties, 31427  
 rental and cooperative housing for lower income families, 31428
- Housing and Urban Development Department:  
 adverse actions and appeals handbook, HUD, 31420  
 appropriations, 1974, hearings, 31011, 31124, 31131  
 assessment/placement, profile (APP) system, HUD, 31418  
 Assistant Secretary, nomination of Sheldon B. Lubar, hearings, 31136  
 departmental time and cost reporting system, regional and field office instructions, 31422  
 employee grievances handbook, HUD, 31419
- Housing and Urban Development—Con.  
 equal opportunity complaint and compliance review reporting and control procedure, HUD, 31433  
 financial aspects of administration of grants-in-aid to State and local governments, HUD, 31421  
 HUD handbooks, 31418-436  
 mall management, postage accountability, 31423  
 new communities program, oversight, hearings, 31014  
 records control handbook, 31424  
 Housing insurance, *see* Mortgage insurance.  
 Houston, Tex., census of housing, 1970, components of inventory change, 30795  
 How to control a gully, 30698  
 Howard, James O., logging residue, volume and characteristics, 31376  
 Howard University, appropriations, 1974, hearings, 31009  
 Hualapai Indians, general information, 31459  
 HUD, *see* Housing and Urban Development Department.  
 Hudson Bay, basin, surface water quality, 31404  
 Hughen, James H., use of self-focusing antenna for low-angle tracking, 31757  
 Hughes, Warren A., statistics of local public school systems, fall 1970, staff, 31229  
 Hull maintenance technicians, *see* Maintenance technicians.  
 Human engineering, space ergonomics, 31656  
 Human race, *see* Man.  
 Hungary, five-year plan summary, 31206  
 Hunger, hunger in 1973, hearings, 31157  
 Hungry Horse project, electrical equipment, region 1, field review of maintenance, 31780  
 Hunt, James L., thermodynamic and transport properties of gaseous tetrafluoromethane to chemical equilibrium, 31627  
 Hyde, Harold W., soil survey of Midland County, Tex., 31822
- Hydraulics:  
 irrigation management for control of quality of irrigation return flow, 31288  
 model investigation, beach widening by perched beach concept Santa Monica Bay, Calif., 31264
- Hydrofluidic servoactuator development, 30763
- Hyperlipoproteinemia, *see* Lipoproteins.  
 Hypersonic flow, *see* Flows.
- I
- Ice:  
 Great Lakes ice cover, 1970-71 winter, 31720  
 salinity on optical extinction of sea ice at 6328 Å, effect 31235  
 soluble particulates in ice from site 2, Greenland, 31236  
 transmission of 2.0-3.4 micron infrared radiation in ice fog, 31237
- Iceland, agricultural commodities, agreement, 31852
- Idaho, water resources data, 31398
- Identification, truck-top markings for visual identification, 31885
- If you become disabled, 31809
- IFYGL, *see* International Field Year for Great Lakes, 1972-73.
- Ignition, exhaust emission from uncontrolled vehicles and related equipment using internal combustion engines, small air-cooled spark ignition utility engines, 30726
- Illinois River, terminals, docks, mooring locations and warehouses, list, 31254
- Illumination, *see* Lights and lighting.
- I.L.O. *see* International Labor Organization.
- IMF, *see* International Monetary Funds.
- Imitation, marking requirements for imitation political and numismatic items manufactured or imported into United States, report, 31094

- Immigrants, *see* Immigration and emigration.  
 Immigration and emigration, immigrant scientists and engineers in United States, study of characteristics and attitudes, 31738
- Immigration and Naturalization Service, more needs to be done to reduce number and adverse impact of illegal aliens in United States, GAO report, 31382
- Impact, computerized unsymmetrical mathematical simulation and experimental verification for helicopter crashworthiness in which multidirectional impact forces are present, 30759
- Impellers, and fans, Federal item identification guide, 31184
- Implementation of affirmative fair housing marketing regulations, 31434
- Implementation of Emergency loan guarantee act, Lockheed Aircraft Corporation, Emergency Loan Guarantee Board, 31380
- Imports, *see* names or classes of articles imported—*also* subjects.
- Impoundment control and 1974 expenditure ceiling, 30991
- Improvement of absolute distance estimation under water, use of monocular motion parallax, 31582
- Impurities technology, *see* Contamination.
- Inauguration of the President, *see* President of United States.
- Income:  
   aged population money income, 1971 and changes from 1967, 31811  
   farm income situation, 31217  
   household income in 1969 for States, SMSA's, cities, and counties, 30811  
   1969 census of agriculture, general information, value of products, economic class, contracts, 30792  
   profile of clients with monthly family income less than \$150 who were rehabilitated during 1971, 31789  
   rental and cooperative housing for lower income families, 31428  
   size distribution of family personal income, methodology and estimates for 1964, 31213  
   studies in public welfare, how public welfare benefits are distributed in low-income areas, 30939
- Income tax:  
   interest equalization tax, extend, law, 30903  
   tax treatment of survivor benefit plans of uniformed services, report, 30980  
   withholding of tax on resident aliens and foreign corporations, 31500
- Increase in Government's contribution under Federal employees health benefits program, 31037
- Increasing impact of Federal estate and gift taxes on farm sector, present law and proposed changes, 30696
- Indexes:  
   fishery publications, calendar year 1967, lists and indexes, 31726  
   institutions of higher education by State and congressional district, 31223  
   NASA tech briefs, 31619  
   scientific and technical aerospace reports, 31862  
   Securities and Exchange Commission decisions, 31792  
   21-year index, published hearings, studies and reports of Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security laws, 31151
- Indian Affairs Bureau:  
   Missouri River basin investigations project reports, 31484  
   Planning Support Group, Billings, Mont., reports, 31485-486
- Indian agencies, governing bodies of federally recognized Indian groups, excluding Alaska, 31443
- Indian Claims Commission:  
   appropriations, 1974—  
     authorization, law, 30913  
     hearings, 31126
- Indian meal-moths, relative toxicity of chloproclerol, phosphine, EDC-CC1<sub>4</sub> and CC1<sub>4</sub>-SC, to various life stages, 30693
- Indian reservations, *see* names of reservations.
- Indian schools, statistics concerning Indian education, 31488
- Indiana, county business patterns, 30820
- Indians:  
   Alaska natives, general information, 31444  
   American Indians, census of population, 1970, subject report, 30806  
   books on Indian history, problems and Indian relationships to Federal Government, list, 31449  
   California tribes, general information, 31450  
   financing economic development of Indians and Indian organizations, report, 31096  
   Indian business development program, establish within Interior Department, hearing, 31144  
   Indian financing act, hearing, 31144  
   Indian museums, list, 31490  
   languages, 31462  
   legends and myths, 31463  
   music, 31465  
   origin, 31468  
   provide for financing economic development of Indians and Indian organizations, hearing, 31144  
   references for young students, 31473  
   statistics concerning Indian education, 31488  
   Virginia and Potomac area, suggested reading list, 31480  
   wars and local disturbances, 31481  
   we the first Americans, 30862  
   you asked about—  
     helping Indians, 31489  
     pictures of Indians, 31491  
     tribal claims against United States, 31492  
   *see also* names of reservations or tribes.
- Indicators, *see* Position indicators.
- Industrial characteristics, 30810
- Industrial materials, *see* Materials.
- Industrial relations:  
   is NLRB still alive (remarks), 31706  
   National labor relations act, amend—  
     hearings, 31018  
     summary, 31708  
   protection and facilities to be afforded workers' representatives, ILO convention and recommendation, 30961  
   real America (speech), 31553  
   supervisor's guide to labor relations in Federal Government, 30889
- Industrial safety, *see* Safety of life.
- Industrial wastes, ion exchange color and mineral removal from kraft bleach wastes, 31283
- Industries, *see* names of industries.
- Industry:  
   current industrial reports, 30837-851  
   industrial characteristics, census of population, 1970, subject reports, 30810  
   spatial concentration of industry in Appalachia, analysis of potential for import substitution, 30747  
   wage survey, 31561
- Information, *see* Public information.
- Information for Armed Forces, Office of, DOD pamphlets, 31493
- Information processing, *see* Information storage and retrieval systems.
- Information services, Federal information processing standards publications, FIPS pubs, 31673

## INDEX

- Information storage and retrieval systems: business data processing occupational performance survey, 31693  
data acquisition systems in water quality management, 31306  
export mailing list and FTI tape services, 31202  
Federal information processing standards publications, FIPS pubs, 31673  
Federal information systems and plans, Federal use and development of advanced information technology, 31023  
NIPS formatted file system (360 FFS) user's manual, file maintenance (FM), 31177  
records control handbook, HUD, 31424  
Information theory, *see* Computer science.  
Infrared rays, transmission of 2.0-3.4 micron infrared radiation in ice fog, 31237  
Ingots, *see* Brass.  
Inheritance and transfer tax, increasing impact of Federal estate and gift taxes on farm sector, present law and proposed changes, 30696  
Initial quality and life-cycle costs in military, family housing, 31241  
Initiatives in energy conservation, 31139  
Innovation in law enforcement, 31550  
Inorganic compounds, air quality data for nonmetallic inorganic ions, 1969-70, from national air surveillance networks, 30724  
Insecticides, EPA compendium of registered pesticides, insecticides, etc., 31765  
*see also* names of insecticides.  
Inspection (industrial), *see* Coal mines and mining.  
Instructional materials, *see* Teaching.  
Instrument makers, job grading standard for instrument maker, 30883  
Instrumentation:  
Apollo experience report, command and service module instrumentation subsystem, 31647  
MIDAS, modular interactive data acquisition system, description and specification, 31679  
Instruments:  
develop operation system for evaluating and testing methods and instruments for determining effects of fuels and fuel additives on automobile emissions, 31277  
Instrument fact sheet IFS series, 31727  
Insulation, development of closed pore insulation material, 31605  
Insurance:  
District of Columbia insurance act, amend, report, 31111  
flood insurance authorization, increase, law, 30914  
student loan insurance fund, 1971 and 1972, financial statements, GAO examination, 30956  
*see also* types of insurance.  
Integral equations, *see* Equations.  
Interest and usury:  
interest equalization tax, extend, law, 30903  
interest payments on time and savings deposits, extend certain laws—law, 30934  
report, 31003  
Interfaces, MIDAS, modular interactive data acquisition system, description and specification, 31679  
Intergovernmental relations, Advisory Commission on Intergovernmental Relations annual report, 30687  
Interior and Insular Affairs Committee, House:  
hearings, 31025-27  
report, 31000  
Interior and Insular Affairs Committee, Senate:  
hearings, 31143-147  
questions and policy issues for oversight hearings on administration of Outer Continental Shelf act, 31498  
Interior and Insular Affairs Committee Senate—Continued  
reports, 31072, 31084, 31096  
Interior Department:  
appropriations, 1974—  
budget amendments, 31059  
hearings, 31126  
mining and minerals policy, 1973, 2d annual report of Secretary of Interior under Mining and minerals policy act, 31497  
public works appropriations, 1974, report, 30989  
Internal combustion engines, *see* Engines.  
Internal revenue, code of Federal regulations, 31329  
Internal revenue agents, examination announcement, 30876  
Internal Revenue Service, collection of Taxpayers' delinquent accounts, GAO report, 31387  
International agreements, treaties and other international agreements, 31876  
International Bank for Reconstruction and Development:  
appointment of alternates for Governors, provide, report, 31097  
Bretton Woods agreements act, amend report, 31097  
International boundary study, 31846  
International Broadcasting Board, establish, report, 31103  
International Center for Foreign Chanceries, additional appropriations, authorize, law, 30916  
International coffee agreement 1968 as extended, 31047  
International Conference on Photoneuclear Reactions and Applications, proceedings, 30769  
International Council for Exploration of Sea, convention with other governments, 31873  
International Development Agency, telephone directory, 31850  
International economic indicators, 31203  
International Economic Policy Council, *see* Council on International Economic Policy.  
International exchanges:  
education, financing of exchange programs, agreement with Federal Republic of Germany, 31860  
Smithsonian Institution, annual report, 31803  
International Field Year for Great Lakes, 1972-73, IFYGL bulletin, 31718  
International Labor Organization:  
conventions and recommendations adopted—  
protection and facilities to be afforded workers' representatives, 30961  
vocational training of seafarers and employment problems arising from technical developments on board ship, 30951  
International law, juridical problems in use of orbits for artificial earth satellites, USSR study, 31522  
International Monetary Fund:  
appointment of alternates for Governors, provide, report, 3109  
Bretton Woods agreements act, amend, report, 31097  
International organizations, international organization and conference series, 31847  
International relations:  
foreign relations of U.S.—  
general, United Nations, 1947—  
departmental edition, 31844  
document edition, 30942  
Germany and Austria—  
departmental edition, 30943  
document edition, 31845  
International economic policy act, amend, report, 31068

International relations—Continued  
 multinational corporations and United States foreign policy, hearings, 31141  
 International Telephone and Telegraph Company, and Chile, multinational corporations and United States foreign policy, hearings, 31141  
 International trade, *see* Commerce.  
 International transit, *see* Transit (international).  
 Interplanetary missions, *see* Venus (planet).  
 Interplanetary trajectories, *see* Trajectories.  
 Interpretation of trend in range condition from 3-step data, 31373  
 Interstate and Foreign Commerce Committee, House:  
   hearings, 31028-32  
   report, 31001  
 Interstate commerce, *see* Commerce.  
 Interstate Commerce Commission, appropriations, 1974, report, 30977  
 Interstate Commission on Potomac River Basin, public works appropriations, 1974, report, 30989  
 Interval training, 31768  
 Intrigilator, D. S., high speed streams in solar wind, 31265  
 Inventories, National Archives preliminary inventories series, 31669  
 Investments:  
   investing in Yugoslavia, 31204  
   investment guaranties, agreement with Yemen Arab Republic, 31853  
 Ion beams, nuclear and ion beam techniques for surface and near-surface analysis, 31752  
 Ion exchange, ion exchange color and mineral removal from kraft bleach wastes, 31283  
 Ionosphere, daily departures of foF2 from monthly median, analysis and representation, 30895  
 Ions, air quality data for nonmetallic inorganic ions, 1969-70, from national air surveillance networks, 30724  
 Iraq, plant quarantine import requirements, 30740  
 Iron mills, iron and steel plants, background information for proposed new source performance standards, 30722  
 Iroquois Indians, Iroquois League, general information, 31460  
 Irradiation, *see* Radiation.  
 Irrigation:  
   and drainage on farms, 1969 census of agriculture, 30794  
   irrigation management for control of quality of irrigation return flow, 31288  
 Isotopes:  
   evaluation of practicability of radioisotope thermal converter for artificial heart device, phase 1 final report, 30775  
   radioisotope powered cardiac pacemaker program, 30766  
 Isquith, Robert N., Spanish-language health communications teaching aids, list of printed materials and their sources, 31410  
 Israel, Israel, 25-year perspective (address), 31848  
 Isle, duty existing suspension, continue, report, 30984  
 Iteration (mathematics):  
   iterative solution of integral equation for radiative transfer by using variational technique, 31632  
 It's good food, keep it safe, 30714

J

Jet aircraft, *see* Aircraft.  
 Jet airplanes, *see* Fighter planes.  
 Jets, low-speed aerodynamic characteristics of fuselage model with various arrangement of elongated lift jets on V/STOL model, 31633  
 Jim Thorpe Day, designate, law, 30905  
 Job analysis:  
   job grading standard, civil service—  
     instrument maker, 30883  
     machine tool operator, 30884  
     machinist, 30885  
     model maker, 30886  
     job grading system for trades and labor occupations, 30880  
 Jobs, *see* Job analysis.—Employment—Occupations.  
 Jogging, *see* Gaits.  
 John D. Rockefeller, jr., Memorial Parkway, general information, 31732  
 John D. Rockefeller, jr., National Parkway, maps, 31736  
 John F. Kennedy Center for Performing Arts:  
   nonperforming art functions, appropriations—  
     law, 30936  
     report, 31078  
 Johnson, Bruce V., experimental and analytical study of one- and two-component flows in spherical chambers, 31609  
 Johnson, James D., creative partnerships, Government and professional services, proceedings of 4th Users-Producers Conference, 31675  
 Johnstone, L. M.:  
   mechanical equipment—  
     Columbia Basin project, Boise project, Yakima project, Pacific Northwest region, field review of maintenance, 31782  
     Rio Grande project, region 5, field review of maintenance, 31783  
 Joint-Federal-State Land Use Planning, Commission for Alaska, appropriations, 1974, hearings, 31126  
 Joint Publications Research Service, JPRS series, 31516-548  
 Jolliet, Louis, opening of upper Mississippi River by Marquette and Jolliet, commemorate, law, 30917  
 Jones, David C., investigation of nitrate problem in Rannels County, Tex., ground water, etc., 31289  
 Jones, Ian R., evaluation of practicability of radioisotope thermal converter for artificial heart device, phase 1, final report, 30775  
 Jones, William B., analysis and representation of daily departures of foF2 from monthly median, 30895  
 Jordan, economic trends and their implications for United States, 31505  
 Jordan, B. Everett, Dam and Lake, *see* B. Everett Jordan Dam and Lake.  
 Journals, House of Representatives, 92d Cong., 2d sess., 30941  
 Journals (machinery), *see* Bearings (machinery).  
 JPRS, *see* Joint Publications Research Service.  
 Judges, Federal salary act, amend, hearing, 31034  
 Judgments, *see* Claims.  
 Judiciary Committee, Senate:  
   committee prints, 31148, 31151  
   hearings, 31149-150, 31152  
   reports, 31063, 31074  
   subcommittee to investigate administration of internal security act and other internal security laws, 21 year index to published hearings, studies, and reports, 31151  
 Jumpers (clothing):  
   jumpers, sweaters, and undershirts, Federal item identification guide, 31186

## INDEX

- Junior Federal assistant, examination announcement, 30873
- Juridical problems in use of orbits for artificial earth satellites, USSR, 31522
- Juvenile delinquency:
- crime and delinquency, monograph series, 31695
  - Runaway youth act, report, 31063
- K**
- Kansas, water resources data, 31399
- Kaolin, large-scale continuous attrition grinding of coarse kaolin, 31589
- Katsanis, Theodore, FORTRAN program for calculating velocities and streamlines on hub-shroud and mid-channel flow surface of axial- or mixed-flow turbomachine, user's manual, 31539
- Keith, J. S., analytical method for predicting pressure distribution about nacelle at transonic speeds, 31603
- Kelley, Clarence M., nomination, hearings, 31150
- Kenis, William J., responses of prototype flexible pavements subjected to repetitive and static loads, 31321
- Kennedy Stadium, *see* Robert F. Kennedy Memorial Stadium.
- Kent Hogler C., hydrofluidic servoactuator development, 30763
- Kentucky, county business patterns, 30821
- Kevane, Clement J., proceedings of 10th rare earth research conference, 30770
- Keyes, J. Wayne, analytical and experimental studies of shock interference heating in hypersonic flows, 31626
- Kidneys:
- extend kidney disease medicare coverage to railroad employees, their spouses and dependent children—
    - law, 30929
    - reports, 30964 31067
- Kinematics, retrieval of dispersive and convective transport phenomena in fluids using stationary and nonstationary time domain analysis, 31630
- King, Larry G., irrigation management for control of quality of irrigation return flow, 31288
- Kingsley, Neal P., volume of selected hardwood species suitable for turnery bolts in Maine, 31363
- Kiowa Indians, general information, 31461
- Kjeldahl method of determination, *see* Nitrogen.
- Kobellinski Mitchell P., nomination, hearing, 31136
- Koch, Hugo K., podiatry manpower, general profile, 31683
- Korea:
- Republic—
    - Han River basin, reconnaissance report water resources study, 31786
    - U.S. assistance for economic development of Republic of Korea, GAO review, 31384
    - trade in wool and man-made fiber textile products, agreement, 31875
- L**
- Labels:
- we want you to know about labels on—
    - foods, 31343
    - medicines, 31344
  - we want you to know what we know about nutrition labels on food, 31345
  - Wool products labeling act, amend with respect to recycled wool, report, 31085
- Labor, code of Federal regulations, 31330
- see also* Farm labor—Manpower.
- Labor and Public Welfare Committee, Senate:
- committee print, 31155
  - hearings, 31153-154, 31156
  - reports, 31067, 31077, 31082
- Labor Department:
- appropriations, 1974—
    - hearings, 31009
    - report, 30983
  - Federal contractor job listing emphasizing employment of veterans, questions and answers on Secretary of Labor's regulation, 31572
  - public employment programs in selected rural and urban areas, Department of Labor, GAO report, 31388
- Labor laws:
- Federal labor laws, administered by Wage and Hour Division with regulations and interpretations, 31895
  - routes to reform of National Labor Relations Board decision-making (remarks), 31707
- Labor organizations, *see* Labor unions.
- Labor relations, *see* Industrial relations.
- Labor standards:
- Fair Labor standards act, amend, report, 31105
  - Service contract act, extend coverage to Canton Island, report, 30973
- Labor Statistics Bureau:
- bulletins, 31556-564
  - report series, 31566
- Labor Statistics, North American Conference on, *see* North American Conference on Labor Statistics.
- Labor unions:
- protection and facilities to be afforded workers' representatives, ILO convention and recommendation, 30961
  - union recognition in Federal Government, statistical report and listings by agency, etc., 30890
  - union status and benefits of retirees, 31555
  - Laboratory animals, *see* Animals.
- Labrador Sea, oceanography of Grand Banks region of Newfoundland and Labrador Sea, 30891
- Lack of bilateral generalization of adaption to auditory rearrangement, 31578
- Laguna Atascosa National Wildlife Refuge, general information, 31827
- Lake Survey Center, NOAA technical memorandum, NOS LSC series, 31720
- Lakes:
- effect of silt and silt removal in prairie lake, 31269
  - phosphorus release from lake sediments, 31268
  - weed harvest and lake nutrient dynamics, 31267
- Lancaster, J. E., application of matched asymptotic expansions to lunar and interplanetary trajectories, 31606
- Lancaster County, S.C., soil survey report, 31821
- Land:
- farms, number, use of land, size of farms, 1969 census of agriculture, 30789
  - Land and water conservation fund act, amend report, 31084
  - land planning data sheet handbook, 31426
  - planning bulletin, 31328
  - taking issue, analysis of constitutional limits of land use control, 31174
- Land clearing and wood use in Delaware, 31361
- Landing (aircraft):
- effect of shear on aircraft landing, 31612
  - equipment, Federal item identification guide, 31180
- Landing gear, crashworthy landing gear study, 30758
- Landis, E. R., stratigraphic terminology of Dakota sandstone and Mancos shale, 31304
- Lane, Paul H., new timber cruising grades for coast Douglas-fir, 31371
- Language and languages:
- foreign language and area studies, educational programs, 1974-75, 31228
  - Indians, languages, 31462
- Lanier County, Ga., soil survey report, 31818



- Large-scale continuous attrition grinding of coarse kaolin, 31589
- Lasers:**  
 laser Doppler velocity measurements of swirling flows with upstream influence, 31610  
 salinity on optical extinction of sea ice at 6328 Å, effect, 31235
- Lathes, duty on copying shoe lathes, extension of suspension, report, 30988
- Lattice theories, vortex-lattice FORTRAN program for estimating subsonic aerodynamic characteristics of complex planforms, 31621
- Launching, Apollo experience report development of design-loads criteria, etc., for prelaunch, lift-off, and midboost conditions, 31646
- Launching facilities, aircraft equipment, Federal item identification guide, 31180
- Law, ship laws (public) 93d Congress, 30900-936  
*see also* International law—*also* subjects.
- Law enforcement:  
 assistance, amendments, report, 30969  
 cooperation, backbone of effective law enforcement, 31549  
 Federal personnel, increase annuities, hearings, 31038  
 innovation in law enforcement, 31550  
 research on street crime control, 31552
- Laws, *see* Labor laws—Law—*see also* subjects.
- Lead:  
 air pollution aspects of emission sources primary lead production, bibliography with abstracts, 30721  
 secondary lead smelters and refineries, background information for proposed new source performance standards, 30722  
 survey of air and population lead levels in selected American communities, 31270
- Leadership, majority and minority leaders of Senate, print as Senate document, report, 31110
- Leading-edge serrations which reduce noise of low-speed rotors, 31645
- Leaflets, *see* names of departments, etc., issuing leaflets—*also* subjects.
- Leaks, feasibility of plastic foam plugs for sealing leaking chemical containers, 31282
- Leases:  
 draft environmental statement, proposed 1973 Outer Continental Shelf, oil and gas general lease sale, offshore Mississippi, Alabama, and Florida, 31568  
 final environmental statement for prototype oil-shale leasing program, public hearings during review, 31495  
 Mineral leasing act, amend—hearings, 31026  
 report, 31000
- Lectures, *see* Addresses, lectures, etc.
- Lee, S. Young, summary statistics of CPB qualified public radio stations, 31233
- Legacy of Alexander Orlov, 31148
- Legal guide and case digest supplement, veterans' reemployment rights, 31894
- Legal Services Corporation, National, *see* National Legal Services Corporation.
- Legislation, *see* Labor laws—*also* subjects.
- Legislative appropriations, *see* Appropriations.
- Legislative bodies, Federal salary act, amend, hearing, 31034
- Leissa, Arthur W., vibration of shells, 31617
- LeMaistre, George A., nomination, hearing, 31136
- Leonard, Regis F., BEAMR, an interactive graphic computer program for design of charged-particle beam transport systems, 31640
- LeProtti, Stan, motivation factor, LaSierra High School boys' physical education program, 31770
- Lerner, William:  
 county and city data book, 1972, statistical abstract supplement—departmental edition, 30817  
 document edition, 30951A
- Let's cook fish, 31712
- Levine, Eugene, research on nurse staffing in hospitals, 31409
- Levine, Stanley R., oxidation at through-hole defects in fused slurry silicide coated columbian alloys FS-85 and Cb-752, 31635
- Lewis, Mark F., frequency of anti-collision observing responses by solo pilots as function of traffic density, ATC traffic warnings, and competing behavior, 30788
- Liberalization of disability and death pensions, 31113
- Libraries, guidelines for library handbooks, 31569
- Library assistants, library technical assistant, suggested two-year post-high school curriculum, 31232
- Library of Congress:  
 appropriations, 1974, legislative, hearings, 31129  
 circular, 31169
- Libya:  
 area handbook, 30754  
 gazetteer, official standard names, 31392
- Licenses abstracts of State day care licensing requirements, family day care homes and group day care homes, 30866  
*see also* classes of persons to whom, or subjects for which, licenses are issued.
- Licht, L., design, fabrication, and performance of foil journal bearings for Brayton rotating unit, 31604
- Life, life, pass it on, PAO series, 31298-301
- Life cycle costing, initial quality and life-cycle costs in military family housing, 31241
- Lift (aerodynamics):  
 low-speed aerodynamic characteristics of fuselage model with various arrangement of elongated lift jets on V/STOL model, 31633
- Light, effect of salinity on optical extinction of sea ice at 31235
- Lighting equipment, *see* Lights and lighting.
- Lights and lighting:  
 economy approach lighting aids, 31316  
 illumination in atmosphere and on surface of Venus obtained by automatic interplanetary station Venera-8, USSR study, 31544  
 lights, Federal item identification guide, 31187  
 monetary value drivers place on comfort in night driving, 31322
- Lilacs, growing lilacs, 30704
- Lime, strength development and reaction products in lime-montmorillonite-water systems, 31325
- Lindane, economic impact of discontinuing farm use of lindane and BHC, 31216
- Ling, Barbara A., social security beneficiaries in metropolitan areas, 31810
- Link, Ernest G., soil survey of Fond du Lac County, Wis., 31819
- Linkletter, George O., soluble particulates in ice from site 2, 31236
- Lipoproteins, dietary management of hyperlipoproteinemia, handbook for physicians and dietitians, 31688
- Liquid fuels, fuels, liquid and solid Federal item identification guide, 31185
- Lists, *see* names of departments, etc., issuing lists—*also* subjects of lists.
- Load (mechanics):  
 Apollo experience report, development of design-loads criteria, etc., for prelaunch, lift-off, and midboost conditions, 31646  
 external loads and aircraft strength, 31657

# INDEX

- Load (mechanics)—Continued  
 friction losses in a lubricated thrust-loaded cageless angular-contact bearing, 31643  
 maneuver and buffet characteristics of fighter aircraft, 31625  
 responses of prototype flexible pavements subjected to repetitive and static loads, 31321
- Load lines, international convention, amendments, 31049
- Loading, *see* Loads (mechanics)—Unloading and lading.
- Loans:  
 flexible GI interest rate authority in VA, report, 30992  
 implementation of Emergency loan guarantee act, GAO report, 31380  
 Indian revolving loan fund, provide for financing economic development of Indians and Indian organizations hearing, 31144  
 property improvement loan, title, operating handbook, 31429  
 rural credit program, nonfarm enterprises to supplement farm income, 30711  
 rural electric and telephone direct loan programs, law, 30908  
 Small Business Administration, raise loan ceilings, reports, 30998, 31006, 31108  
 student loan insurance fund, 1971 and 1972, financial statements, GAO examination, 30956  
 students, guaranteed loans, 1973, hearings, 31154  
 veterans guaranty programs—  
     amend Servicemen's readjustment act, report, 30992  
     *see also* Banks and banking—Mortgage insurance.
- Local government, *see* Government.
- Local transit, union wages and hours, local-transit operating employees, 31562
- Lockheed Aircraft Corporation:  
 audit of programs from special bank account to Lockheed Aircraft Corporation for C-5A aircraft program during quarter ended June 30, 1973, GAO report, 31378  
 implementation of Emergency loan guarantee act, GAO report, 31380
- Lodgepole pine, *see* Pine.
- Logan, Utah, flood plain information, Logan River, Logan, Utah, 31252  
 Logan River, flood plain information, Logan River, Logan, Utah, 31252
- Logging, *see* Lumbering.
- Logging residue, volume and characteristics, 31375
- Logistics, use of simulation models pertaining to best mix of aircraft, support personnel, spare parts, and level of repair, 30730
- Logs, plant quarantine import requirements of foreign countries, 30738
- Lomax, Harvard, on numerical simulation of three-dimensional transonic flow with application to C-141 wing, 31624
- Long range needs of aviation, report of Aviation, Advisory Commission, Jan. 1973, 30784
- Long-term resistance to terrestrial fungi and termites, 31753
- Longitudinal health survey, 31579
- Louisiana, county business patterns, 30822
- Low-speed aerodynamic characteristics of fuselage model with various arrangements of elongated lift jets, 31833
- Low water volume enzyme deactivation of vegetables before preservation, 31278
- Loyalty, Federal civilian employee loyalty-security program, report, print additional copies, report, 31088
- LSC, *see* Lake Survey Center.
- Lubar, Sheldon B., nomination, hearing, 31136
- Lubrication, friction losses in a lubricated thrust-loaded cageless angular-contact bearing, 31643
- Luckew, Richard S., use of simulation models pertaining to best mix of aircraft, support personnel, spare parts, and level of repair, 30730
- Luers, James K.:  
 effect of shear on aircraft landing, 31612  
 model of wind shear and turbulence in surface boundary layer, 31613
- Lumber, plant quarantine import requirements of foreign countries, 30738
- Lumbering, logging residue, volume and characteristics, 31375
- Lumbermen, publications of interest to, list, 31356
- Lunar:  
 Note.—For other subjects beginning Lunar, *see* Moon.  
 Lunar landings, Apollo experience report, evolution of rendezvous-maneuver plan for lunar-landing missions, 31634  
 Lunar trajectories, *see* Trajectories.  
 Lunches, *see* School lunches.
- Lungs, diffusional and metabolic components of nitrogen elimination through lungs, effects of pressure, 31580
- Luxembourg, economic trends and their implications for United States, 31504
- Lymphoid tissue, *see* Tissues.
- Lynam, John K., production and trade prospects for Argentine oil-seeds and their products, 31350

## M

- McCusker, John J., Alfred, first continental flagship, 1775-78, 31804
- McGlamery, G. G., conceptual design and cost study, sulfur oxide removal from power plant stack gas, magnesia scrubbing-regeneration, production of concentrated sulfuric acid, 31280
- Machine tool operators, job grading standard for machine tool operator, 30884
- Machinery:  
 mechanical equipment—  
     Columbia Basin project, Boise project, Yakima project, Pacific Northwest region, field review of maintenance, 31782  
     Rio Grande project, region 5, field review of maintenance, 31783
- Machinery Buyers Corporation, aircraft accident report, 31745
- Machinists, job grading standard for machinist, 30885
- Mackey, Alden C., Apollo experience report, development of design-loads criteria, etc., for prelaunch, lift-off, and midboost conditions.
- McLaughlin, Patrick D., transportation in nineteenth-century America, survey of cartographic records, 31670
- MacLean, Colin D.:  
 estimating Dunning's site index from plant indicators, 31368  
 estimating productivity on sites with low stocking capacity, 31372
- Magnesia, *see* Magnesium oxide.
- Magnesium oxide, conceptual design and cost study, sulfur oxide removal from power plant stack gas, magnesia scrubbing-regeneration, production of concentrated sulfuric acid, 31280
- Magnetism, waves, instabilities and anomalous dissipation of parametric plasma in strong electromagnetic field of pumping wave, USSR study, 31534
- Magnetohydrodynamic generators, U-25 apparatus research, USSR study, 31546
- Magnets:  
 characteristics and performance of superconducting bumpy-torus magnetic facility for plasma research, 31641

## NOVEMBER 1973

- Magnets—Continued**  
preparation of samarium-cobalt magnets, 31585
- Maler, Walter J.**, biological removal of coloidal matter from wastewater, 31276
- Mail matter:**  
educational and cultural postal amendments, report, 30996  
military assistance program address directory, 31196
- Mailing lists**, export mailing list and FTI data services, 31202
- Main Ideas and organization**, reading, 31226
- Maintenance:**  
consideration for preparation of operation and maintenance manuals for municipal wastewater treatment plants, 31896  
power O. and M. report, field review of—maintenance, 31777-785  
operation and maintenance, 31784-785  
use of simulation models pertaining to best mix of aircraft, support personnel, spare parts, and level of repair, 30730  
vibration effects on helicopter reliability and maintenance, 30762
- Maintenance technicians:**  
directory of FAA certificated aviation maintenance technician schools, 31315  
hull maintenance 3 & 2, rate training manual, 31759
- Malaysia:**  
foreign trade regulations, 31209  
trade in wool and man-made fiber textile products, agreement, 31854
- Mammals**, Santa Ana National Wildlife Refuge, 31830  
*see also* Marsupials—Monotremes.
- Man:**  
man and his environment, USSR study, 31531  
problems of control of body functions of humans and animals, USSR study, 31521  
space and man's environment (address), 31663
- Man-hours**, *see* Hours of labor.
- Management:**  
acquisition management, guide for program management, 30733  
communications-electronics management of electromagnetic spectrum, 30753  
comprehensive planning assistance managing grant, 31431  
data acquisition systems in water quality management, 31306  
Federal financial management directory, 31376  
improving management of farmer cooperatives, 31312  
real America (speech), 31553  
traffic management regulations for personal property, Defense Dept. regulations, 31197  
ways to improve records management practices in Federal Government, GAO report, 31386  
*see also* Administrative management—Planning.
- Management and Budget Office**, Director and Deputy Director, appointment, require Senate confirmation, veto, 31054
- Mancos shale**, *see* Shale.
- Maneuverability**, maneuver and buffet characteristics of fighter aircraft, 31625
- MANIP**, computer system for algebra and analytic differentiation, 31719
- Manipulators**, algebraic manipulation by computer, 31754
- Manmade fiber broadwoven goods**, *see* Textiles.
- Manpower:**  
executive manpower in Federal service, 30877  
outlook for technology and manpower in printing and publishing, 31556  
podiatry manpower, general profile, 31683
- Manpower—Continued**  
research monograph, 31573  
review of manpower R & D projects in correctional field, 1963-73, 31573
- Manuals**, *see* names of departments, etc., issuing manuals—*also* subjects.
- Manufactures and manufacturers**, census, 1972, special reports, 30799  
*see also* names or classes of manufactured articles.
- MAP** (military assistance program), *see* Military aid.
- Maps and charts**, transportation in 19th-century America, survey of cartographic records in National Archives of United States, 31670  
*see also* names of localities.
- MARC** (machine-readable cataloging), *see* Cataloging.
- Margins** (securities) trading, *see* Securities.
- Marine pollution**, *see also* Water pollution.
- Maritime Mobile Telecommunications**, draft proposals of United States for World Administrative Radio Conference, 31843
- Marketing**, *see* Markets and marketing.
- Markets and marketing:**  
effects of alternative marketing margins for beef and pork, 30697  
marketing research reports, 30707-708  
*see also* names or classes of commodities, etc.
- Marking**, truck-top markings for visual identification, 31885
- Marland, Sidney P., Jr.:**  
addresses, etc.—  
July 19, 1973, 31234  
Aug. 5, 1973, 31219
- Marquette, Jacques**, opening of upper Mississippi River by Marquette and Joliet, commemorate, law, 30917
- Marshals**, deputy, U.S., reclassification of positions, report, 30966
- Marsupialia**, monotremes and marsupials, reference for zoological institutions, 31797
- Maryland:**  
census of transportation, 1972, truck inventory and use survey, 30814  
county business patterns, 30823
- Massachusetts**, 1970 census of population, characteristics of population, 30801
- Materials:**  
Government specifications and standards for plastics covering defense engineering materials and applications, 31198  
materials needs and environment today and tomorrow, final reports, 31635  
technology of producing new materials, USSR study, 31530
- Maternal and Child Health Service** reports on research to improve health services for mothers and children, 31575
- Maternal welfare**, *see* Mothers.
- Mathematical models:**  
BEA quarterly econometric model, 31214  
bellies, quarterly and shorter-term price forecasting models relating to cash and future quotations, 30719  
computerized unsymmetrical mathematical simulation and experimental verification for helicopter crashworthiness in which multidirectional impact forces are present, 30759  
mathematical model for standing-wave acoustic parametric source (SWAPS), 31758  
simplified mathematical modeling of water quality, 31305
- Mathematics:**  
application of matched asymptotic expansions to lunar and interplanetary trajectories, 31606  
extension of QZ algorithm for solving generalized matrix eigenvalue problem, 31634  
gamma distribution computer program and graph paper, note, 31721

## INDEX

- Mathematics—Continued**  
 MANIP, computer system for algebra and analytic differentiation, 31719  
*see also* Iteration (mathematics)—Mathematical models—Variables (mathematics).  
**Matrices (mathematics) :**  
 extension of QZ algorithm for solving generalized matrix eigenvalue problem, 31634  
**Mattingly, Ignatius G.**, relationships between speech and reading, 31692  
**Mattresses**, current industrial reports, 30843  
**Mayer, Shirley A.**, use of ancillary health personnel in maternal and child health projects, 31576  
**Mayeske, George W.**, study of achievement of our nation's students, 31231  
**Mayonnaise**, and related products, current industrial reports, 30846  
**Mayers, District of Columbia**, elect mayor and city council, report, 31069  
**MDTA (Manpower development and training act)**, *see* Manpower.  
**Measurements, laser Doppler velocity measurements of swirling flows with upstream influence**, 31610  
*see also* subjects of measurement.  
**Measures**, *see* Metric system.  
**Measuring instruments, measuring pavement roughness spectra using modified BPR roughometer with additional refinements**, 31324  
**Measuring pavement roughness spectra using modified BPR roughometer with additional refinements**, 31324  
**Measuring tools**, *see* Measuring instruments.  
**Mechanical equipment**, *see* Machinery.  
**Mechanical mobility, measuring soil properties in vehicle mobility research resistance of fine-grained soils to high-speed penetration**, 31262  
**Medals, commemorative, Roberto Walker Clemente, law**, 30909  
**Medical care :**  
 barriers to health care for older Americans, hearings, 31122  
 diagnosis and treatment of poisoning by pesticides, 31764  
 Emergency medical services systems act of 1973, veto, 31061  
 Emergency medical services systems development act, hearings, 31153  
**Maternal and Child Health Service reports on research to improve health services for mothers and children**, 31575  
 medical record manual for ambulatory health centers, 30896  
 medical support of U.S. Army in Vietnam, 1965-70, 30764  
 regional medical programs, oversight, hearing, 31032  
**Medical Department, Navy, manual**, 31577  
**Medical insurance**, *see* Health Insurance.  
**Medical personnel, National labor relations act, amend, extension to nonprofit hospital employees, hearings**, 31018  
**Medical records, medical record manual for ambulatory health centers**, 30896  
**Medical service**, *see* Medical care.  
**Medical support of U.S. Army in Vietnam, 1965-70**, 30764  
**Medical treatment**, *see* Medical care.  
**Medicare :**  
 current medicare survey report, CMS series, 31908  
 improvement needed in administration of program to provide Medicare benefits for welfare recipients, GAO report, 31381  
**Medicine :**  
 aviation medical, AM series, 30785-788  
 Space medicine and extraterrestrial life, USSR study, 31543  
 space medicine incorporated into practice on earth, USSR study, 31519  
**Medicine—Continued**  
*see also* Nuclear medicine.  
**Medicines, we want you to know about labels on medicines**, 31344  
**Mediterranean Sea, tide tables**, 31716  
**Melting, salinity on optical extinction of sea ice at 6328 Å, effect**, 31235  
**Memorial services, Truman, Harry S., eulogies and encomiums of, print as House document, report**, 31065  
**Memorials**, *see* National monuments and memorials.  
**Mental disorders, competency to stand trial and mental illness**, 31695  
**Mental health :**  
 private funds for mental health research, list, 31697  
 promoting mental health in classroom, handbook for teachers, 31698  
 statistics, analytical and special studies reports, 31696  
 utilization of mental health resources by persons diagnosed with schizophrenia, 31696  
**Mental illness**, *see* Depression (psychology)—Mental disorders.  
**Mental institutions, utilization of mental health resources by persons diagnosed with schizophrenia**, 31696  
**Merchant Marine and Fisheries Committee, House :**  
 hearing, 31033  
 report, 30979  
**Merchant seamen**, *see* Sailors.  
**Mertaugh, L. J.**, investigation of suction system and boundary-layer characteristics on high-lift BLC L-19 test aircraft, 30760  
**Metabolism, diffusional and metabolic components of nitrogen elimination through lungs, effects of pressure**, 31580  
**Metal coatings, zinc-rich coatings applied to carbon steel, performance characteristics**, 31638  
*see also* Coating materials.  
**Metal foils, design, fabrication, and performance of foil journal bearings for Brayton rotating unit**, 31604  
**Metallography, technology of producing new materials, USSR study**, 31530  
**Metallurgy, technology of producing new materials, USSR study**, 31530  
**Metals :**  
 air quality, data from metals from national air surveillance networks, 30725  
 duty on metal scrap, extension of suspension, report, 30986  
**Meteorites, mineralogy, mineral-chemistry, and composition of Murchison (C2) meteorite**, 31799  
**Methane, spectral growth of expanding flames, infrared radiance of methane-air ignitions and coal dust-air explosions**, 31592  
**Methaqualone, traffic, abuse, and regulation, hearings**, 31149  
**Methodology**, *see* Income—also subjects.  
**Methods and techniques of airframe strength flight tests**, 31660  
**Metric system, modernized metric system (poster)**, 31674  
**Metropolitan areas**, *see* Cities and towns.  
**Mexican-Americans, we, the Americans**, 30858  
**Mexico, social security, agreement**, 31869  
**Mexico, Gulf of, quality of surface waters of United States**, 31402  
**Micosukee Indians, approach to planning for Micosukee Tribe of Indians of Florida**, 31486  
**Michigan, county business patterns**, 30824  
**Microanalysis**, *see* Electron probe microanalysis.  
**Microcopy**, *see* Microfilm.  
**Microfilm, National Archives microfilm publications, pamphlets describing**, 31668

- MIDAS, modular interactive data acquisition system, description and specification, 31679
- Middendorf, J. William II, nomination, hearing, 31133
- Middle East, *see* East (Middle East).
- Miland County, Tex., soil survey report, 31822
- Migration, stilling basin hydraulics and downstream fish migration, 31238
- Mikaellan, Harutune H., lack of bilateral generalization of adaption to auditory rearrangements, 31578
- Mikucki, Walter J., plastic pipe for interior and exterior cold water systems, 31242
- Military aid:  
military assistance program address directory, 31196
- MILSTRIP, military standard requisitioning and issue procedures, 31194
- Mutual development and cooperation act, 31022
- Military art and science, special military operations handbook, 30736
- Military assistance, *see* Military aid.
- Military housing, *see* Housing.
- Military operations, *see* Military art and science.
- Military personnel, *see* Armed Forces.
- Military publications, index of AMC-sponsored DA administrative publications and DOD publications, 30750
- Military research:  
Defense Department research, development, test and evaluation, 1974, authorization, hearings, 31132  
research in progress, list, 30755
- Military Sealift Command, build and charter program for 9 tanker ships, GAO report, 31379
- Military standards, *see* Standards and standardization.
- Military supplies:  
MILSTRIP—  
military standard requisitioning and issue procedures, 31194  
supplement, 31196  
rotary identifier codes, 31195  
procurement, appropriations, 1974, authorization hearings, 31132  
use of formal advertising for Government procurement can, and should, be improved. GAO report, 31385
- Miller, Edward B.:  
remarks—  
July 6, 1973, 31706  
Aug. 7, 1973, 31707
- Mills, *see* Paper mills—Steel mills.
- MILSTRIP (military standard requisitioning and issue procedures), *see* Military supplies.
- Mine explosions:  
minimum extinguishant and maximum oxygen concentrations for extinguishing coal dust-air explosions, 31594  
spectral growth of expanding flames, infrared radiance of methane-air ignitions and coal dust-air explosions, 31592
- Mine safety, *see* Safety of life.
- Mineral lands, leasing act, amend, report, 31006
- Mineralogy, *see* Meteorites.
- Minerals:  
ion exchange color and mineral removal from kraft bleach wastes, 31283  
leasing act, amend, hearings, 31026  
mineralogy, mineral-chemistry, and composition of Murchison (C2) meteorite, 31799  
mining and minerals policy, 1973, 2d annual report of Secretary of Interior under Mining and minerals policy act of 1970, 31497
- resources, code of Federal regulations, 31331
- Mines and mining, mining and minerals policy, 1973, 2d annual report of Secretary of Interior under Mining and minerals policy act of 1970, 31497  
*see also* Coal mines and mining.
- Mines Bureau:  
energy program, 31586  
information circular, 31586  
publications and articles, list, 31587  
report of Investigations, 31589-595
- Miniature trees, *see* Bonsai.
- Minidoka project:  
American Falls Dam, replace under Government or nongovernmental control, report, 31073  
electrical equipment, field review of maintenance, 31781
- MINIMAX, FORTRAN computer program to assemble machine code for interdata model 70 minicomputer on control-data 3800, 31724
- Minimum design standards for mobile home parks, 31430
- Minimum extinguishant and maximum oxygen concentrations for extinguishing coal dust-air explosions, 31594
- Minnesota, north-central, preliminary classification of wetland plant communities in, 31832
- Minorities:  
census, 1970, housing of selected racial groups, 30798  
minority business enterprise, bibliography, 30894
- Miscellaneous publications, *see* names of departments, etc., issuing publications.
- Mississippi:  
county business patterns, 30825  
draft environmental statement, proposed 1973 Outer Continental Shelf, oil and gas general lease sale, offshore Mississippi, Alabama, and Florida, 31568
- Mississippi River and Valley:  
opening of upper Mississippi River by Marquette and Joliet, commemorate, law, 30917  
terminals, docks, mooring locations and warehouses, lists, 31255-257  
upper basin, surface water quality, 31404
- Missouri:  
counties, population estimates, 30853  
county business patterns, 30826  
1970 census of population, characteristics of population, 30802
- Missouri River basin investigations project reports, 31484
- Mistletoe, control of dwarf mistletoe in a heavily used ponderosa pine recreation forest, Grand Canyon, Ariz., 31374
- Mitchell, R. C., feasibility of plastic foam plugs for sealing leaking chemical containers, 31282
- Mobile home courts, *see* Trailer parks.
- Mobile homes, *see* Trailers.
- Mobility, *see* Mechanical mobility.
- Mobley, Hubert L., soil survey of Jefferson County, Okla., 31820
- Model cities, *see* Cities and towns.
- Model 4100 graphic recorder, 31727
- Model makers, job grading standard for model maker, 30886
- Model Secondary School for the Deaf, appropriations, 1974, hearings, 31009
- Modeling, spontaneous modelling in natural processes, USSR study, 31541
- Models (mathematical), *see* Mathematical models.
- Modernized metric system, 31674
- Modoc Indians, general information, 31464
- Modules, *see* Spacecraft modules.
- Mohawk Airlines, Inc., aircraft accident report, 31743
- Molecular-sieves, *see* Adsorbents.
- Mollusca, freshwater uniloboncean clams (Mollusca: Pelecypoda) of North America, 31310

## INDEX

- Molluscicides, EPA compendium of pesticides, molluscicides, etc., 31765  
Molluscicides, *see* Molluscicides.  
Molten fluoride reactors, *see* Reactors (atomic).  
Monocular, improvement of absolute distance estimation under water, use of monocular motion parallax, 31582  
Monographs, *see* subjects.  
Monotremata, monotremes and marsupials, reference for zoological institutions, 31797  
Monotremes, *see* Monotremata.  
Monotremes and marsupials, reference for zoological institutions, 31797  
Montgomery, M. H., high power and heat flux irradiation of uranium-plutonium carbides, fast reactor mixed carbide fuel element development program, 30772  
Montmorillonite, strength development and reaction products in ilme-montmorillonite-water systems, 31325  
Moon, lunar geology, USSR study, 31536  
Mortgage insurance:  
    fiscal and ADP handbook, mortgage insurance, 31425  
    HUD, extend authority with respect to interest rates of FHA mortgage insurance programs and VA guaranteed loans report, 31079  
Mothers:  
    ancillary health personnel in maternal and child health projects, use, 31576  
    Maternal and Child Health Service reports on research to improve health services for mothers and children, 31575  
Moths, *see* Indian meal-moths.  
Motion:  
    improvement of absolute distance estimation under water, use of monocular motion parallax, 31582  
    random walk study of electron motion in helium in crossed electromagnetic fields, 31623  
    *see* Equations of motion.  
Motivation (psychology):  
    motivation factor, LaSierra High School boys' physical education program, 31770  
Motor carriers, safety road checks, motor carriers of property, 31596  
    *see also* Motor vehicle accidents.  
Motor skills, *see* Ability.  
Motor trucks, *see* Motortrucks.  
Motor vehicle accidents:  
    accident investigations, summary, 31597  
    establish nationwide system of uniform motor vehicle, accident reparation acts, report, 31119  
Motor vehicles:  
    measuring soil properties in vehicle mobility research resistance of fine-grained soils to high-speed penetration, 31262  
    require no-fault motor vehicle insurance as condition precedent to operation, report, 31119  
    road user and property taxes on selected motor vehicles, 31327  
    *see also* Motortrucks.  
Motorists, motorist radio services, 31323  
Motortrucks:  
    heavy duty vehicle driving pattern and use survey, final report, New York City, 30727  
    inventory and use study, 30813-815  
    truck-top markings for visual identification, 31885  
Mouth, cancer of mouth, 31681  
MP series, 31176  
Mulligan, Kathryn L., question of opportunity, women and continuing education, 31601  
Mullins, Cecil J., evaluation of item-by-item test administration, 30731  
Multinational corporations and United States foreign policy, 31141  
Municipal home rule, District of Columbia, elect mayor and city council, report, 31069  
Municipal wastes:  
    consideration for preparation of operation and maintenance manuals for municipal wastewater treatment plants, 31896  
    electrical power consumption for municipal wastewater treatment, 31291  
    physical-chemical treatment of municipal wastewater using powdered carbon, 31287  
Munitions, characterizing vegetation from existing source material for predicting munition height of burst in inaccessible areas, 31258  
Museums, you asked about Indian museums, list, 31490  
Mushkin, Selma J., national assessment and social indicators, 31225  
Music:  
    Indians music, 31465  
    recording rights in musical compositions, 31169  
Muskogee, Okla., flood plain information, Coody Creek, Muskogee, Okla., 31249  
Mutual aid, *see* Foreign aid.  
Muyers, K., diffusional and metabolic components of nitrogen elimination through lungs, effects of pressure, 31580  
Mythology, Indians, legends and myths, 31463  
Myths, *see* Mythology.
- N
- Nacelles, predicting pressure distribution about nacelle at transonic speeds, analytical method, 31603  
Nagel, William, foreign trade regulations of Sweden, 31210  
Nahcolite, evaluation of methods for determining nahcolite and dawsonite in oil shales, 31593  
Narcotics, cooperation in combating illicit international traffic in narcotics, agreement with Paraguay, 31864  
Narcotics and Dangerous Drugs Bureau, calendar year 1972, report, 31598  
NASA, *see* National Aeronautics and Space Administration.  
National Advisory Committee on Oceans and Atmosphere, annual report, 31600  
National Aeronautics and Space Administration:  
    appropriations, 1974, authorize—  
        hearings, 31124-125  
        report, 30993  
    contractor report CR (series), 31603-616  
    NASA aeronautics, research, etc., 31602  
    SP series, 31617-620  
    space shuttle and alternate programs, GAO analysis of cost estimates, hearings, 31125  
    tech briefs, index, 31619  
    technical notes, 31621-654  
    technical translation, 31655-661  
National Archives:  
    microfilm publications, pamphlets describing, 31668  
    reference information papers, 31670  
    regional branches, 31666  
National Archives and Records Service:  
    general information leaflets, 31666  
    list of record groups of National Archives and Records Service, 31667  
    special lists, 31672  
    ways to improve records management practices in Federal Government, GAO reports, 31386  
National Archives of United States, transportation in nineteenth-century America, survey of cartographic records, 31670  
National aspects of creating and using MARC/RECON records, 31570  
National Autistic Children's Week, proclaim, law, 30918

## NOVEMBER 1973

- National banks, own stock in and invest in loans to State housing corporations allow, report, 31003
- National Bureau of Standards:  
 poster, 31674  
 special publications, 31674-675  
 technical notes, 31676-680
- National Capital Planning Commission, appropriations, 1974, hearings, 31126
- National Clean Water Week, designate, law, 30904
- National Commission on Financing of Post-secondary Education, extend authorization and date for filing report, law, 30911
- National Commission on Libraries and Information Science, appropriations, 1974, report, 30983
- National Commission on Productivity:  
 annual report, 31771  
 temporary extension of authorization, law, 30910
- National Commission on Water Quality, appropriations, 1974, amendment, 31055
- National Council on Indian Opportunity, appropriations, 1974, hearings, 31126
- National defense:  
 code of Federal regulations, 31332-334  
 appendix, 31335  
 Defense production act, amend, hearing, 31134  
 special military operations handbook, 30736
- National Emergency Medical Services Advisory Council, establish, hearings, 31153
- National employees, retirement act, amend, report, 30964
- National Endowment for the Humanities, program announcement 1973-74, information for applicants, 31687
- National forests:  
 code of Federal regulations, 31337  
 national forest vacations, 30712  
 regulations governing occupancy and use of National forest recreation sites and areas, 30710
- National Foundation on Arts and Humanities, appropriations, 1974, hearings, 31126
- National Gallery of Art, appropriations, 1974, hearings, 31126
- National Guard, technicians' retirement, correct inequities in crediting service, report, 31099
- National health survey, vital and health statistics, 31682
- National Historic Preservation Week, designate, law, 30906
- National housing act, *see* Mortgage insurance.
- National Institute of Child Health and Human Development, extramural program of research on aging, 31691
- National Institute of Education, establish, hearing, print additional copies, report, 31089
- National Institutes of Health:  
 annual report of international activities, 31515  
 Public Health Service grants and awards, 1972 funds, state and organization tables, 31702  
 publications, list, 31701  
 scientific directory and annual bibliography, 31703
- National labor relations act, *see* Industrial relations.
- National Labor Relations Board:  
 appropriations, 1974, report, 30983  
 decisions and orders, bound volume, 31704-705  
 is NLRB still alive (remarks), 31706  
 routes to reform for decision-making (remarks), 31707
- National Legal Services Corporation, establish, report, 30988
- National Library of Medicine, general information, 31709
- National Marine Fisheries Service:  
 circulars, 31726  
 fishery marketing development series, 31712  
 NOAA technical report, NMFS CIRC series, 31726
- National Mediation Board, appropriations, 1974, report, 30983
- National Military Command System Support Center, NIPS formatted file system (360 FFS), user's manual, file maintenance (FM), 31177
- National monuments and memorials:  
 code of Federal regulations, 31337  
 overseas memorials, American Battle Monuments Commission to assume control, authorize, report, 30975  
*see also* names of monuments or memorials.
- National Ocean Survey, NOAA technical memorandum, NOS LSC series, 31720
- National Oceanic and Atmospheric Administration:  
 technical memorandums, 31719-720  
 technical reports, 31721-726
- National Oceanographic Instrumentation Center:  
 instrument fact sheet IFS series, 31727  
 technical bulletins, 31728
- National parks, code of Federal regulations, 31337  
*see also* names of parks.
- National Policy toward Gambling, Commission on Review of appropriations, 1974, report, 31117
- National Railroad Adjustment Board, appropriations, 1974, report, 30983
- National Railroad Passenger Corporation, financial assistance, provide, report, 31001
- National Science Board, series, 31739
- National security, world drug traffic and its impact on U.S. security, hearings, 31152
- National strategy to reduce crime, 31599
- National Technical Institute for the Deaf, appropriations, 1974, hearings, 31009
- National Transportation Safety Board:  
 annual report to Congress, 31746  
 NTSB-AAR series, 31742-745  
 NTSB-PSS series, 31747
- National union catalog, reference and related services, general information, 31571
- National Visitor Center:  
 facilities act, amend—  
 hearing, 31040  
 law, 30933  
 report, 31075
- Natural gas, *see* Gas.
- Natural resources:  
 remote sensing for earth resources, agreement with Brazil, 31855  
 resource bulletins, 31375  
 resource publication (series), 31831
- Naturalization:  
 becoming a citizen series, English and State government, Federal textbook on citizenship, 31440  
 our Constitution and Government, Federal textbook on citizenship, 31441  
 simplified edition, 31442
- Navaho-Indians, general information, 31466
- Naval education, rate training manuals, 31759-760
- Naval history, Alfred, first continental flag-ship, 1775-78, 31804
- Naval Postgraduate School, chemical oceanographic research, present status and future direction, deliberations of workshop held at Naval Postgraduate School, Monterey, Calif., 31750
- Naval Research Laboratory:  
 1972 review, 31751  
 report series, 31752-758
- Naval Research Office, ACR series, 31750
- Naval Reserve, chaplains handbook, 31749
- Naval Submarine Medical Center, reports, 31578-582

## INDEX

- Navigation, *see* Air navigation.
- Navy:  
 birthday, family tradition, then and now, 31761  
 rate training manuals, 31759-760
- Navy Department:  
 build and charter program for 9 tanker ships, GAO report, 31379  
 outlook for production on Navy's LHA and DD-963 shipbuilding programs, GAO review, 31383  
 Under Secretary, nomination of J. William Middendorf II, hearing, 31133
- Near East, *see* East (Near East).
- Neel, Joe E., weed harvest and lake nutrient dynamics, 31267
- Negroes:  
 apprenticeship program and its potential for black Americans (speech), 31554  
 black presence in era of American Revolution 1770-1800, 31737  
 college graduates, beyond the melting pot (address), 31219  
 Negro art from Harmon Foundation, select audiovisual records, 31671  
 tabular analysis of records of U.S. colored troops and their predecessor units in National Archives, 31672
- Net radiation method for enclosure systems involving partially transparent walls, 31651
- Neutrons, approximations for neutron emission spectra from proton collisions between 20 and 500 MeV on nuclei of  $A \geq 12$ , 31653
- New Hampshire, county business patterns, 30827
- New Hope Dam and Lake, rename as B. Everett Jordan Dam and Lake, report, 31118
- New Jersey, county business patterns, 30828
- New Mexico, stratigraphic terminology of Dakota Sandstone and Mancos shale, west-central New Mexico, 31394
- New timber cruising grades for coast Douglas-fir, 31371
- New vistas for competitive employment of deaf persons, 31787
- New York City:  
 heavy duty vehicle driving pattern and use survey, final report, New York City, 30727  
 sewage sludge dumping in New York Bight, brief outline of study, 31302
- New York State, county business patterns, 30829
- Newfoundland, oceanography of Grand Banks Region of Newfoundland and Labrador Sea, 30891
- Newly discovered properties of plants explained, 31540
- Nez Percé Indians, general information, 31467
- Nicolaus Copernicus Week, designate, law, 30902
- Nigeria, economic trends and their implications for United States, 31501
- Night vision, *see* Sight.
- NIH, *see* National Institutes of Health.
- Nikonov, V. B., methods of investigating variable stars, 31661
- Niobium:  
 high temperature superconductor Nb<sub>3</sub>Ga, 31616  
 oxidation at through-hole defects in fused slurry silicide coated columbian alloys FS-85 and Cb-752, 31635
- NIPS (National Military Command System Support Center Information processing system), *see* Information storage and retrieval systems.
- Nitrate, investigation of nitrate problem in Rannels County, Tex., ground water, etc., 31289
- Nitric oxide, *see* Nitrogen dioxide.
- Nitrogen:  
 diffusional and metabolic components of nitrogen elimination through lungs, effects of pressure, 31581  
 nitrogen, phosphate, potash, fertilizer supply, 30694  
 total soil nitrogen analysis using micro-Kjeldahl digestion and portable distillation equipment, 31369
- Nitrogen dioxide, nitric oxide formation in combustion processes with strong recirculation, 31293
- Nixon, Richard M., *see* President of United States.
- NLRB, *see* National Labor Relations Board.
- NMFS, *see* National Marine Fisheries Service.
- No-fault motor vehicle insurance, *see* Automobile insurance.
- NOAA, *see* National Oceanic and Atmospheric Administration.
- Noise:  
 aircraft and airport noise, EPA report, 31160  
 airplane noise levels, 31313  
 investigation of coaxial jet noise and inlet choking using F-111 A airplane, 31649  
 leading-edge serrations which reduce noise of low-speed rotors, 31645  
 noise and noise sickness, 31655  
 noise control act, 31160
- Nominations, *see* names of persons.
- Noncitizens, *see* Aliens.
- Nondestructive testing, 31620
- Nonlinear theories, anomalous nonlinear dissipation of high-frequency radio waves in plasma, USSR study, 31532
- Nonmetallic materials, *see* Nonmetals.
- Nonmetals:  
 air quality data for nonmetallic inorganic ions, 1969-70, from national air surveillance networks, 30724  
 minor nonmetals 1972, mineral industry survey, 31588
- Nonprofit organizations, facts about relocation, 31415
- NORAD, *see* North American Air Defense Command.
- North America, freshwater unionacean clams (Mollusca: Pelecyopoda) of North America, 31310
- North American Air Defense Command, agreement with Canada, 31867
- North American Conference on Labor Statistics, selected papers, 31567
- North Carolina, county business patterns, 30830
- North Central Airlines, Inc., aircraft accident report, 31744
- North Central States, *see* Central States.
- North Platte River:  
 communication and control systems projects, region 7, field review of maintenance 31778  
 electrical equipment, projects region 7, field review of operation and maintenance, 31784
- Northwest (U.S.):  
 mechanical equipment, Columbia Basin project, Boise project, Yakima project, Pacific Northwest region, field review of maintenance, 31782
- NOS, *see* National Ocean Survey.
- Nosotros, los americanos, 30858
- NRI, *see* Naval Research Laboratory.
- NTSB, *see* National Transportation Safety Board.
- Nuclear fuel, *see* Reactor fuels.
- Nuclear medicine, dose calibrator pilot study, 31680
- Nuclear radiation, *see* Radiation.
- Nuclear reactions:  
 nuclear and ion beam techniques for surface and near-surface analysis, 31752  
 scattering of 42-MeV alpha particles from copper-65, 31642



Nuclear reactor power plants, first report of study to forecast nuclear power plant effects on coastal zones, 30771  
 Nuclear spectroscopy, *see* Spectroscopy.  
 Nuclei, approximations for neutron emission spectra from proton collisions between 20 and 500 MeV on nuclei of  $A \geq 12$ , 31653  
 Nuclides, *see* Radionuclides.  
 Numerical calculations, some problems of calculation of 3-dimensional boundary-layer flows on general configurations, 31611  
 Nurseries, *see* Day care of children.  
 Nursery schools, *see* Day care of children.  
 Nurses and nursing:  
   nurse careers in VA hospitals, nationwide locations, 31893  
   research on nurse staffing in hospitals, 31409  
   Walter Reed Army Institute of Nursing educational opportunity in nursing field, 30765  
 Nursing homes, charges for care and sources of payment for residents in nursing homes, U.S., 31682  
 Nutrients, *see* Nutrition.  
 Nutrition:  
   child nutrition program, maintain for fiscal year 1973, hearing, 31019  
   we want you to know what we know about nutrition labels on food, 31345  
   weed harvest and Lake nutrient dynamics, 31267  
 Nutrition and Human Needs, Select Committee on, Senate, hearings, 31157  
 Nutrition of plants, *see* Plants.  
 Nuts:  
   Federal item identification guide, 31189  
   tree nuts by States, production use value, 31879  
 Nyrop, Richard F., area handbook for Libya, 30754

0

Oak, American wood, 31355  
 Obesity, food and your weight, 30701  
 OBR series, 31203-204  
 O'Brien, Harold W., transmission of 2.0-3.4 micron infrared radiation in ice fog, 31237  
 Occupational health, *see* Health.  
 Occupational Safety and Health Administration, occupational safety and health, other regulations and procedures, 31762  
 Occupational Safety and Health Review Commission, appropriations, 1974, report, 30983  
 Occupational training, *see* Training.  
 Occupations:  
   business data processing occupational performance survey, 31693  
   engineering and scientific occupational groups, selected characteristics, 31741  
   job grading system for trades and labor occupations, 30880  
   jobs as agricultural and biological technicians, biological laboratory technicians, agricultural research technicians, examination announcement, 30882  
   opportunities in Federal service for veterans, 30887  
   we the Americans, work we do, 30860  
 Ocean:  
   International Council for Explorations of the Sea, convention with other governments, 31873  
   oceans are great source of American economic development in today's international competition, (address), 30893  
   salinity on optical extinction of sea ice at 6328 Å, effect, 31235  
 Oceanography:  
   chemical oceanographic research, present status and future direction, deliberations of workshop held at Naval Postgraduate School, Monterey, Calif., 31750

Oceanography—Continued  
   field test report on interoceanic acoustic release devices, 31728  
   oceanographic reports, 30891  
   oceanography of Grand Banks region of Newfoundland and Labrador Sea, 30891  
   underwater television survey of Atlantic outer continental margin near Wilmington Canyon, 31800  
 OEO, *see* Economic Opportunity Office.  
 Offenses, *see* Crime and criminals.  
 Office furniture and equipment, office machines, current industrial reports, 30845  
 Office machines, *see* Office furniture and equipment.  
 Ohio, county business patterns, 30831  
 Ohio River and Valley:  
   basin, surface water supply, below Wabash River, 31405  
   flood plain information, Ohio and Beaver Rivers, Beaver County, Pa., 31253  
   surface water, quality, United States, 31403  
 Oil, *see* Petroleum as fuel.  
 Oil pipe lines, *see* Pipe lines.  
 Oil shale:  
   evaluation of methods for determining nahcolite and dawsonite in oil shales, 31593  
   final environmental statement for prototype oil-shale leasing program, Public hearings during review, 31495  
 Oilseeds, production and trade prospects for Argentine oilseeds and their products, 31350  
 Okeechobee Lake, surface water records, 31397  
 Oklahoma:  
   Arkansas River basin compact, grant consent to Arkansas and Oklahoma, 31074  
   census of transportation, 1972, truck inventory and use survey, 30815  
   Okner, Benjamin A., concepts in welfare program design, 3 studies, 30940  
 Oktibbeha County, Miss., soil survey report, 31823  
 Older persons, *see* Aged—Gerontology.  
 Olmstead, Joseph A., organizational structure and climate, implications for agencies, national study of social welfare and rehabilitation workers, work, and organizational contexts, 31806  
 Olson, Storrs L., evolution of rails of South Atlantic Islands (Aves: Rallidae), 31802  
 Oman:  
   background notes, 31839  
   Peace Corps, agreement, 31865  
 On incentive awards program, 30878  
 Onions, structure of intraseasonal pricing mechanism for late summer onions, 30707  
 Operation Tripod, toward rehabilitation involvement by parents of the deaf, workshop, 31788  
 Operations research, *see* Administrative management.  
 Opinions, *see* names of courts rendering opinions.  
 Opium, disposal from national and/or supplemental stockpiles, report, 31101  
 Opportunities in Federal service for veterans, 30887  
 Optics, design and evaluation of an optical fine-pointing control system for telescopes, utilizing digital star sensor, 31628  
   *see also* Light.  
 Orange County, Calif., flood plain information, Aliso Creek, Orange County, 31248  
 Orbits, juridical problems in use of orbits for artificial earth satellites, USSR study, 31522  
 Orders, *see* names of departments, etc., issuing orders.  
 Oregon:  
   bottle bill, first 6 months, 31309  
   county business patterns, 30832

## INDEX

- Organic compounds, air quality data for organics, 1969-70, from national air surveillance networks, 30723
- Organic matter, trace organic impurities in gaseous helium, 31622
- Organization:
- organization of control of scientific research, 31533
  - organizational structure and climate, implications for agencies, national study of social welfare and rehabilitation workers, work, and organizational contexts, 31806
  - reading, main ideas and organization, national assessment of educational progress, 31226
- Organization of Government for Conduct of Foreign Policy Commission:
- appropriations, 1974—
  - hearings, 31127
  - supplemental, 31057
- Organizations, Public Health Service grants and awards, 1972 funds, 31702
- Organophosphorus compounds:
- subtle changes in brain functions produced by single doses of mevinphos (phosdrin), 30786
  - transient blindness due to combined effects of mevinphos and atropine, 30787
- Orloff, Kenneth, laser Doppler velocity measurements of swirling flows with upstream influence, 31610
- Orlov, Alexander, legacy, 31148
- Ormsby, W. C., strength development and reaction products in lime-montmorillonite-water systems, 31325
- ORSS, *see* Research and Support Services Office.
- Osage Indians, general information, 31469
- Ostroff, Aaron J., design and evaluation of an optical fine-pointing control system for telescopes utilizing digital star sensor, 31628
- OSW, *see* Saline Water Office.
- OT reports, 30895
- Our education, 30859
- Our flag, 30944
- Outdoor recreation, *see* Recreation.
- Outer Continental Shelf lands act, *see* Continental Shelf.
- Outer space:
- scientific and technical aerospace report indexes, semiannual, 31662
  - space and man's environment (address), 31663
  - studies of earth from space, USSR, 31525
- Outlook for production of Navy's LHA and DD-963 shipbuilding programs, 31383
- Overseas business report, 31203-204
- Overseas Private Investment Corporation: audit report, GAO audit, document edition, 30957
- telephone directory, 31850
- Overseas trade promotions calendar, 31211
- Overnight hearings on HUD new communities program, 31014
- Oxidation, oxidation at through-hole defects in fused slurry silicide coated columbian alloys FS-85 and Cb-752, 31635
- Oxidizers, *see* Oxidizing agents.
- Oxidizing agents, reference method for measurement of photochemical oxidants, guidelines for development of quality assurance program, 31271
- Oxygen:
- minimum extinguishant and maximum oxygen concentrations for extinguishing coal dust-air explosions, 31594
  - problems of space biology, tissue oxygen under extreme flight factors, 31659
- P**
- PA series, 30710-714
- Pacific coast, west coast corridor feasibility study act, report, 31081
- Pacific Northwest, *see* Northwest (U.S.).
- Pacific Northwest Environmental Research Laboratory, PNERL working papers, 31302
- Pacific Ocean, North, sailing directions, 31201
- Pacific States:
- communication and control systems, mid-Pacific region, field review of maintenance, 31777
  - electrical equipment, Central Valley Project, mid-Pacific region, field review of maintenance, 31779
- Page, Louise, food and your weight, 30701
- Palute Indians, general information, 31470
- Pa Mong project:
- phase 2—
  - drainage, 31776
  - economic, agricultural, social, and financial analysis, 31776
  - plans and estimates, 31776
- Pamphlets, *see* names of departments, etc., issuing pamphlets.
- Panama Canal:
- appropriations, 1974, report, 30977
  - code of Federal regulations, 31336
- PAO series, 31298-301
- Paper mills, methods for pulp and paper mill sludge utilization and disposal, 31279
- Paper pulp, *see* Pulp.
- Paraguay, cooperation in combating illicit international traffic in narcotics, agreement, 31864
- Parallaxes, improvement of absolute distance estimation under water, use of monocular motion parallax, 31582
- Parameters, mathematical model for standing-wave acoustic parametric sources (SWAPS), 31753
- Parents:
- home-based child development program resources, bibliography, 30868
- Operation Tripod toward rehabilitation involvement by parents of the deaf, workshop, Memphis, Tenn., 31788
- Parker, D. S., sludge processing for combined physical-chemical-biological sludges, 31281
- Parker-Davis project, electrical equipment, region 3, field review of operation and maintenance, 31785
- Parks, *see* National parks—*also* names of parks.
- Particles:
- BEMAR, an interactive graphic computer program for design of charged-particle beam transport systems, 31640
  - development of X-ray fluorescence spectroscopy in elemental analysis of particulate matter, evaluation of commercial multiple crystal spectrometer instruments, 31273
  - effect of fuel additives on chemical and physical characteristics of particulate emissions in automotive exhaust, 31275
  - reference methods for determination of suspended particulates in atmosphere, guidelines for development of quality assurance program, 31271
  - soluble particulates in ice from site 2, 31236
  - see also* Alpha particles.
- Partnerships, creative partnerships, Government and professional services, conference proceedings, 31675
- Pasko, Thomas J., Jr., effect of welding on fatigue life of high-strength reinforcing steel used in continuously reinforced concrete pavements, 31326
- Passaic River, basin above Little Falls, N.J., characteristics of water quality, and streamflow, 31400
- Passenger service, *see* Railroads.
- Passenger traffic, 1972 general overview of air carriers (remarks), 30872

- Patents:  
 classification manual, 31763  
 patent documentation use in—  
 analyzing technological development trends, USSR study, 31523  
 medium-term technological forecasting, USSR study, 31524  
 patent information and technological forecasting, USSR study, 31547
- Paton, William J., performance characteristics of zinc-rich coatings applied to carbon steel, 31638
- Patrick, D. M., radiographic, petrographic, and SEM evaluation of ballistically loaded clay, 31261
- Patterns:  
 for progress in aging work study in social gerontology, 30689  
 heavy duty vehicle driving pattern and use survey, final report, New York City, 30727
- Pavements:  
 aircraft-pavement interaction studies, finite-element model of jointed concrete pavement on non-linear viscous subgrade, 31240  
 effect of welding on fatigue life of high-strength reinforcing steel used in continuously reinforced concrete pavements, 31326  
 measuring pavement roughness spectra using modified BPR roughometer with additional refinements, 31324  
 responses of prototype flexible pavements subjected to repetitive and static loads, 31321  
 stabilization for pavements, 31244  
 paving, *see* Pavements.
- Pawnee Indians, general information, 31471
- Peace Corps:  
 agreement with Oman, 31865  
 appropriations, 1974, additional, authorize, law, 30922  
 volunteer records, bi-annual statistical summary, 30685
- Pecos National Monument, general information, 31733
- Pelecypods, freshwater unionacean clams (Mollusca: Pelecypoda) of North America, 31310
- Pennsylvania, county business patterns, 30833
- Pennsylvania Avenue Development Corporation, appropriations, 1974, hearings, 31126
- Pensions:  
 liberalization of disability and death pensions, report, 31113  
 pensions plan terminations, 1972, study, 31886  
 private pension plan reform—  
 hearings, 31140  
 report, 31120  
 survivor benefit plan for retired members of uniformed services, 31493  
 welfare and pension plan legislation, hearings, 31020  
 Welfare and pension plans disclosure act, revise, hearings, 31020  
*see also* Civil service pensions.
- Perception, lack of bilateral generalization of adaption to auditory rearrangements, 31578
- Perceptual-motor performance, *see* Ability.
- Performance characteristics of zinc-rich coatings applied to carbon steel, 31638
- Performance tests (engineering, mechanical, etc.):  
 business data processing occupational performance survey, 31693  
 characteristics and performance of superconducting bumpy-torus magnetic facility for plasma research, 31641
- Performing Arts, John F. Kennedy Center for, *see* John F. Kennedy Center for Performing Arts.
- Permits, *see* classes of persons to whom, or subjects for which, permits are issued.
- Personal property:  
 Federal real and personal property, inventory report, 31024  
 traffic management regulations for personal property, Defense Dept. regulations, 31197
- Personick, Martin E., industry wage survey contract cleaning services, 31561
- Personnel management, *see* Employment management.
- Personnel manuals, *see* Civil service.
- Persons in engineering, scientific and technical occupations, current population reports, 30852
- Persons of Spanish surname, 30805
- Pesticides:  
 diagnosis and treatment of poisoning by pesticides, 31764  
 EPA compendium of registered pesticides, insecticides, acaricides, molluscicides and anti-fouling compounds, 31765  
 future role of chemicals in forestry, 31360  
 review, 30695  
 subtle changes in brain functions produced by single doses of mevinphos phosdrin), 30786  
 transient blindness due to combined effects of mevinphos and atropine, 30787
- Pests, going abroad? Important message for U.S. citizens, 30713
- Peters, James A., frog genus *Atelopus* in Ecuador (Anura, Bufonidae), 31801
- Petrography, *see* Rocks.
- Petroleum:  
 draft environmental statement, proposed 1973 Outer Continental Shelf, oil and gas general lease sales, offshore Mississippi, Alabama, and Florida, 31568  
 initiatives in energy conservation, 31139  
 phase 4, oil regulations, 31172  
*see also* Oil shale—Pipe lines.
- Petroleum as fuel:  
 drilling Atlantic Continental Shelf for oil and gas (remarks), 31499  
 effect of fuel additives on chemical and physical characteristics of particulate emissions in automotive exhaust, 31275
- Petroleum gases, *see* Gas.
- Petroleum refineries, background information for proposed new source performance standards, 30722
- Phase 4, food regulations, 31171
- Phase 4, oil regulations, 31172
- Phase 4, regulations, questions and answers, 31173
- Phase shifters, standard digital data clock-rate generator with programmable digital phase shift, 31755
- Philippines, agricultural commodities, agreement, 31874
- Phillips, Norman S., crashworthy landing gear study, 30758
- Phosphate, nitrogen, phosphate, potash, fertilizer supply, 30694
- Phosphate slimes, phosphorus removal by trickling filter slimes, 31290
- Phosphine, relative toxicity of chloropicrin, phosphine, EDC- $CCl_4$ , and  $CCl_4$ - $CS_2$  to various life stages, 30693
- Phosphorus:  
 phosphorus removal by trickling filter slimes, 31290  
 release from lake sediments, 31268  
*see also* Organophosphorus compounds.
- Photochemistry, reference method for measurement of photochemical oxidants guidelines for development of quality assurance program, 31271
- Photoelectricity, photoelectronic and thermoelectronic instruments and their applications, USSR study, 31542
- Photographs, catalog of copyright entries, 31168

## INDEX

- Photonuclear Reactions and Applications, International Conference, *see* International Conference on Photonuclear Reactions and Applications.
- Physical-chemical treatment of municipal wastewater using powdered carbon, 31287
- Physical education and training:  
interval training, 31763  
motivation factor, LaSierra High School boys' physical education program, 31770  
physical conditioning through water exercises, 31772
- Physical fitness:  
aerobic dancing, rhythmic sport, 31766  
Cureton's basic principles of physical fitness work (rules for conducting exercise), 31767  
interval training, 31768  
jogging guidelines, 31769  
motivation factor, LaSierra's High School boys' physical education program, 31770  
physical conditioning through water exercise, 31772  
trends of research on prevention of physiological aging and value of exercise for fitness and health, 31773
- Physical properties, sludge processing for combined physical-chemical-biological sludges, 31281
- Physical sciences, *see* Science.
- Physics, Solar-Terrestrial Physics, report UAG series, 31265
- Physiology, problems of control of body functions of humans and animals, USSR study, 31521
- Picture story series, 30715
- Pictures, you asked about pictures of Indians, 31431
- Pleper, William J., automated apprenticeship training (AAT), systematized audiovisual approach to self-paced job training, 30729
- Pilot guides, *see* Coast pilots.
- Pilots and pilotage, *see* Aviators.
- Pine:  
control of dwarf mistletoe in heavily used ponderosa pine recreation forest, Grand Canyon, Ariz., 31374  
tree growth and water use response to thinning in 47-year-old Lodgepole pine stand, 31366
- Pipe and pipe fittings, plastic pipe for interior and exterior cold water systems, 31252
- Pipe lines:  
gas pipeline safety, Federal-State relations, 31884  
systematic approach to pipeline safety, special study, 31747  
trans-Alaska oil and gas pipeline, authorize—  
hearings, 31026, 31146  
report, 31000
- Pipelines, *see* Pipe lines.
- Placement, assessment/placement profile (APP) system, HUD, 31418
- Planforms, complex, vortex-lattice FORTRAN program for estimating subsonic aerodynamic characteristics, 31621
- Planing mills, wood residues produced at planing mills, 31883
- Planned-unit development with homes association, 31328
- Planning:  
comprehensive planning assistance managing grant, 31431  
plan for management of AEC-generated radioactive wastes, 30777
- Planning (economics), *see* Economic policy.
- Planning (programming), *see* Programming (planning).
- Planning Support Group, Billings, Mont., reports, 31485-486
- Plants:  
newly discovered properties of plants explained, USSR study, 31540
- Plants—Continued  
preliminary classification of wetland plant communities in north-central Minnesota, 31832  
quarantine import requirements—  
foreign countries for logs and lumber, 30738  
Greece, 30739  
Iraq, 30740  
soil temperature and plants in north, USSR study, 31538  
timber-harvest clearcutting and nutrients in Northeastern United States, 31365
- Plants (industrial), *see* types of industrial plants.
- Plasma:  
anomalous nonlinear dissipation of high-frequency radio waves in plasma, USSR study, 31532  
random walk study of electron motion in helium in crossed electromagnetic fields, 31623  
waves, instabilities and anomalous dissipation of parametric plasma in strong electromagnetic field of pumping wave, USSR study, 31534
- Plasma confinement, characteristics and performance of superconducting bumpy-torus magnetic facility for plasma research, 31641
- PLASTEC notes, 31198
- Plastic pipe for interior and exterior cold water distribution systems, 31242
- Plastics:  
feasibility of plastic foam plugs for sealing leaking chemical containers, 31282  
Government specifications and standards for plastics covering defense engineering materials and applications, 31198
- Plastics Technical Evaluation Center, PLASTEC notes, 31198
- Plugs, feasibility of plastic foam plugs for sealing leaking chemical containers, 31282
- Plutonium carbides, high power and heat flux irradiation of uranium-plutonium carbides, fast reactor mixed carbide fuel element development program, 30772
- Plywood mills, predictors of job tenure in lumber-plywood mill, 31362
- PNERL, *see* Pacific Northwest Environmental Research Laboratory.
- Podiatry, *see* Chiropody.
- Poisoning, diagnosis and treatment of poisoning by pesticides, 31764
- Poisonous plants, typical poisonous plants, 31407
- Poisons, relative toxicity of chloroform, phosphine, EDC-CCl<sub>4</sub> and CCl<sub>4</sub>-CS<sub>2</sub> to various life stages, 30693
- Poland, five-year plan summary, 31207
- Police:  
innovation in law enforcement, 31550  
research on street crime control, 31552
- Pollution:  
catalytic combustion, pollution-free means of energy conversion? 31274  
life pass it on—  
how educators can help, 31293  
how farmer and rancher can help, 31300  
how homemaker can help, 31299  
how outdoorsman can help, 31301  
*see also* Water pollution.
- Polyethylene glycol, stabilization of hard maple flooring with polyethylene glycol 1000, 31370
- Ponderosa pine, *see* Pine.
- Poor, census employment survey user's guide, 31568
- Popenoe, Charles H., MIDAS, modular interactive data acquisition system, description and specification, 31679
- Popov Society Congress, table of contents from 5 volumes of abstracts of papers presented at Congress, 31537

- Population:  
 alternative futures and environmental quality, working papers, 31311  
 census, 1970—  
     characteristics of population bound volumes, 30800-804  
     subject reports, 30805-810  
     supplementary reports, 30811  
 current population reports—  
     estimates of population of Florida counties, 30854  
     Federal-State cooperative program for population estimates, 30853-854  
     special studies, 30852  
 survey of air and population lead levels in selected American communities, 31270  
*see also* names of States, etc.
- Pork:  
 bellies, quarterly and shorter-term price forecasting models relating to cash and future quotations, 30719  
 effects of alternative marketing margins for beef and pork, 30697
- Port Angeles, Wash.,  
 Ediz Hook, beach erosion control project, engineers report—  
     departmental edition, 30953  
     document edition, 31245
- Ports, U.S. foreign trade, schedule D, classification of customs districts and ports, 30857
- Position indicators, estimating Dunning's site index from plant indicators, 31368
- Post Office and Civil Service Committee, House:  
 hearings, 31034-39  
 report, 30996
- Post Office and Civil Service Committee, Senate:  
 hearing, 31158  
 reports, 31098-99, 31100
- Post Office Department, posters, commemorative stamp poster series, 31888-890
- Post offices, directory, with ZIP code numbers, 31891
- Postage, mail management, postage accountability, 31423
- Postage stamps:  
 commemorative—  
     8 cent, colonial drummer, rise of spirit of independence series (poster), 31888  
     Henry Ossawa Tanner commemorative stamp, American arts series (poster), 31889  
     Willa Cather commemorative stamp, American arts series (poster), 31890
- Postal service, postal contracting manual, 31892  
*see also* Franking privilege—United States Postal Service.
- Posters:  
 National Bureau of Standards, 31674  
 Post Office Department, commemorative stamp poster series, 31888-890  
 Reclamation Bureau, 31775
- Postsecondary Education, Commission on Financing, *see* National Commission on Financing of Postsecondary Education.
- Potash, nitrogen, phosphate, potash, fertilizer supply, 30694
- Powdered carbon, *see* Carbon.
- Power:  
 development, public works, appropriations, 1974, hearings, 31130  
 power O. and M. report, field review of—  
     maintenance, 31777-783  
     operation and maintenance, 31784-785  
 public works appropriations, 1974, report, 30989
- Power resources:  
 initiatives in energy conservation, 31139  
 Mines Bureau energy program, 31586  
 transportation of Alaska's north slope oil, rights-of-way across Federal lands, hearings, 31146  
 understanding national energy dilemma, 30937
- Prairies, effect of silt and silt removal in prairie lake, 31269
- Prediction, predicting pressure distribution about nacelle at transonic speeds, analytical method, 31603
- Predictors of job tenure in lumber-plywood mill, 31362
- Prelimpoundment study, Carters Lake, 31901
- Prelimpoundment study of West Point Lake, Ga., 31900
- Preliminary inventories series, 31669
- Preparation of samarium-cobalt magnets, 31595
- Preservation of food, *see* Food.
- President of United States:  
 inaugural addresses from President George Washington to President Richard M. Nixon, print as House Document, report, 31087  
 state of the Union message on our Federal system of criminal justice, 30946  
 Truman, Harry S., eulogies and encomiums of, print as House document, report, 31065
- veto messages—  
 Management and Budget Office, abolish and establish Office of Director, etc., 31054  
 2d supplemental appropriation act, 30960  
 war powers of Congress and the President, reports, 30978, 31070
- Presidential Campaign Activities, Select Committee on, Senate, hearings, 31159
- Pressure:  
 diffusional and metabolic components of nitrogen elimination through lungs, effects of pressure, 31580  
 predicting pressure distribution about nacelle at transonic speeds, analytical method, 31603  
 steady state and dynamic pressure phenomena in propulsion system of F-111A airplane, 31636
- Prices:  
 prices and price spreads for eggs, frying chickens and turkeys in 12 major cities, 1966-71, 30718  
 structure of intraseasonal pricing mechanism for late summer onions, 1930-68, 30707  
*see also* names of commodities.
- Pricing policy, *see* Prices.
- Printing, outlook for technology and manpower in printing and publishing, 31556
- Prints, and pictorial illustrations, catalog of copyright entries, 31168
- Prisoners, *see* Prisons and prisoners.
- Prisons and prisoners, review of manpower R & D projects in correctional field, 1963-73, 31573
- Private enterprise, *see* Business.
- Private funds for mental health research, 31697
- Private pension plan reform, 31140
- Probabilities (mathematics):  
 gamma distribution computer program and graph paper, note, 31721
- Processing of food, *see* names of food processed.
- Procurement, *see* Defense Department—*also* names of commodities procured.
- Production:  
 Defense production act, amend, hearing, 31134  
 estimating productivity on sites with low stocking capacity, 31872  
 outlook for production on Navy's LHA and DD-963 shipbuilding programs, GAO review, 31383  
 productivity, selected annotated bibliography, 31560  
 research reports, 30716  
*see also* names or classes of commodities.
- Productivity, *see* Production.
- Productivity, National Commission on, *see* National Commission on Productivity.

## INDEX

- Products, *see* names of products.
- Professional workers, professional careers in biological and agricultural sciences, 30874
- Professions, creative partnerships, Government and professional services, conference proceedings, 31675
- Program aid series, 30710-714
- Programa de HUD-FHA para la compra de casas movibles, 31438
- Programmed instruction, Federal use and development of advanced information technology Federal information systems and plans, 31023
- Programming (computers), *see* Computer programs/programming.
- Programming (planning):
- acquisition management, guide for program management, 30733
  - organization of control of scientific research, 31533
- Project Apollo (man-in-space program):
- Apollo experience report—
    - command and service module instrumentation subsystem, 31647
    - development of design-loads criteria, etc., for prelaunch, lift-off, and mid-ice propulsion subsystem, 31648
    - evolution of rendezvous-maneuver plan for lunar-landing missions, 31654
    - service propulsion subsystem, 31648
- Projectiles, fragment and projectile penetration resistance of soils high-velocity fragment penetration in laboratory-prepared soil targets, 31259
- Propellants, Apollo experience report, service propulsion subsystem 31648
- Propellers, propellers and test clubs, Federal item identification guide, 31190
- Property, *see* Public property—Real estate.
- Propulsion:
- Apollo experience report, service propulsion subsystem, 31648
  - steady state and dynamic pressure phenomena in propulsion system of F-111A airplane, 31636
- Protons:
- approximations for neutron emission spectra from proton collisions between 20 and 500 MeV on nuclei of  $A \geq 12$ , 31653
  - high speed streams in solar wind, 31265
- Proving ground, Bahamas long range proving ground, expanded use of Ascension Island, agreement with United Kingdom of Great Britain and Northern Ireland, 31856
- Public accountants, *see* Accountants.
- Public assistance, *see* Public welfare.
- Public Broadcasting Corporation, appropriations, 1974, authorization, hearing, 31030
- Public buildings, act, amend, report, 31076
- Public contracts, *see* Government contracts.
- Public debt increase in ceiling, continue, report, 30970
- Public employment, *see* Employment.
- Public Health Service:
- act, amend—
    - hearings, 31031, 31153
    - reports, 30963, 31082
  - grants and awards, 1972 funds, National Institutes of Health, State and organization tables, 31702
  - hospitals—
    - administration's proposal to dismantle major portion of system, hearings, 31033
    - oversight, hearing, 31028
  - National biomedical research fellowship, traineeship, and training act, report, 30965
- Public information:
- Information and educational exchange act, amend, law, 30930
  - solid waste management, available, information materials, 31307
- Public lands, rights-of-way across Federal lands, transportation of Alaska's north slope oil, hearings, 31146
- Public laws, *see* Law.
- Public property:
- Federal real and personal property, inventory report, 31024
  - management, code of Federal regulations, 31338
- Public schools, *see* Elementary schools.
- Public speaking engagements, *see* Addresses, lectures, etc.
- Public welfare:
- fair hearings in public assistance, statistical information, 31684
  - improvement needed in administration of program to provide medicare benefits for welfare recipients, GAO report, 31381
  - studies in public welfare—
    - concepts in welfare program design, 3 studies, 30940
    - how public benefits are distributed in low-income areas, 30939
- Public works:
- appropriations, 1974, water and power development—
    - hearings, 31130
    - report, 30989
  - public works and economic development act, amend, law, 30919
- Public Works Committee, House, hearing, 31040
- Public Works Committee, Senate:
- committee print, 31160
  - hearings, 31161-164
  - reports, 31075, 31078, 31118
- Publications, *see* Military publications—*also* names of departments, etc., issuing publications—*also* subjects.
- Publishing, outlook for technology and manpower in printing and publishing, 31556
- Pueblo Indians, general information, 31472
- Puerto Ricans, we, the Americans, 30858
- Puerto Rico, county business patterns, 30835
- Pulp, methods for pulp and paper mill sludge utilization and disposal, 31279
- Pumps, waves, instabilities and anomalous dissipation of parametric plasma in strong electromagnetic field of pumping wave, USSR study, 31534
- Purchase of Products and Services of Blind and Other Severely Handicapped, Committee for, appropriations, 1974, report, 31117
- Purchasing, programa de HUD-FHA para la compra de casas movibles, 31438
- Putnam, Terrill W., investigation of coaxial jet noise and inlet choking using F-111A airplane, 31649
- Putzel, Henry, jr., United States reports, cases adjudged in Supreme Court, 31880

Q

- Quaalude, *see* Methaqualone.
- Quality assurance:
- guidelines for development of quality assurance program, 31271
- Quality of surface waters of United States, 31402-403
- Quantitative analysis:
- rigorous correction procedure for quantitative electron probe microanalysis, 31677
- Quarantine, going abroad? important message for U.S. citizens, 30713
- see also* subjects.
- Question of opportunity, women and continuing education, 31601
- Questions and policy issues for oversight hearings on administration of Outer Continental Shelf act, 31498
- Quinn, B. E., measuring pavement roughness spectra using modified BPR roughometer with additional refinements, 31324

R

- Radiation:
- high power and heat flux irradiation of uranium-plutonium carbides, fast reactor mixed carbide fuel element development program, 30772

- Radiation—Continued**  
 iterative solution of integral equal for radiative transfer by using variational technique, 31632  
 net radiation method for enclosure systems involving partially transparent walls, 31651  
 nuclear and ion beam techniques for surface and near-surface analysis, 31752  
*see also* Electromagnetic radiation.
- Radio astronomy, radioastronomy, USSR study, 31548**
- Radio communication :**  
 boundary-layer electron profiles for entry of blunt slender body at high altitude, 31637  
 draft proposals of United States for World Administrative Radio Conference for Maritime Mobile Telecommunications, 31843  
 motorist radio services, 31323  
 promotion of safety on Great Lakes by means of radio, agreement with Canada, 31046  
*see also* Television.
- Radio Free Europe, appropriations, 1974, authorize, report, 31103**
- Radio Liberty, appropriations, 1974, authorize, report, 31103**
- Radio services, see Radio communication.**
- Radio stations :**  
 summary statistics of CPB-qualified public radio stations, 31233  
 U.S. and foreign coastal radio stations, accepting ships' weather observations, 31748
- Radio waves, anomalous nonlinear dissipation of high-frequency radio waves in plasma, USSR study, 31532**
- Radioactive waste disposal, plan for a management of AEC-generated radioactive wastes, 30777**
- Radioactivity :**  
 fallout, Health and Safety Laboratory program quarterly summary report, 30773  
 appendix, 30774
- Radioastronomy, see Radio astronomy.**
- Radiography, radiographic, petrographic, and SEM evaluation of ballistically loaded clay, 31261**
- Radioisotopes, see Isotopes.**
- Radionuclides, radionuclide carcinogenesis, 30768**
- Railroad accidents :**  
 application of commercial aircraft accident investigation techniques to railroad derailment, 30785  
 investigation report, 31791
- Railroad employees :**  
 retirement act, amend—  
 law, 30929  
 report, 31067  
 retirement act and retirement tax rates, revise annuity eligibility conditions, report, 31071  
 retirement, temporary benefit increase, extension, report, 31071
- Railroad retirement act, see Railroad employees.**
- Railroad Retirement Board, appropriations, 1974, report, 30983**
- Railroads :**  
 Rail passenger service act, amend, report, 31001  
 railway operating and safety rules, technical manual, 30756  
*see also* High speed ground transportation.
- Rails (birds) :**  
 evolution of rails of South Atlantic Islands (Aves: Rallidae), 31802
- Railways, see Railroads.**
- Rallidae, see Rails (birds).**
- Ralls, Jack W., low water volume enzyme deactivation of vegetables before preservation, 31278**
- Ranchers, see Stockmen.**
- Random walks (mathematics) :**  
 random walk study of electron motion in helium in crossed electromagnetic fields, 31623
- Range lands, interpretation of trend in range condition from 3-step data, 31373**
- Rare earths, research conference, proceedings, 30770**
- Rate training manuals, 31759-760**
- Rather, John C., national aspects of creating and using MARC/RECON records, 31570**
- Ray, Edward J., maneuver and buffet characteristics of fighter aircraft, 31625**
- Ray, John G., Jr., manual of tissue typing techniques, 31690**
- Reactor fuels :**  
 high power and heat flux irradiation of uranium-plutonium carbides, fast reactor mixed carbide fuel element development program, 30772  
 nuclear fuel supply, 30780
- Reactor power plants, see Nuclear reactor power plants.**
- Reactors (atomic) :**  
 absorbing materials and control rods for fast reactors, USSR study, 31528  
 gas cooled fast reactor evaluation, 30779  
 high power and heat flux irradiation of uranium-plutonium carbides, fast reactor mixed carbide fuel element development program, 30772  
 molten salt breeder reactors, evaluation, 30778
- Reading :**  
 critical reading, theme 8, national assessment of educational progress, report, 31227  
 main ideas and organization, national assessment of educational progress, 31226  
 relationships between speech and reading, 31692
- Real estate :**  
 Federal real and personal property, inventory report, 31024  
 property disposition handbook, reconditioning acquired properties, 31427  
 property improvement loan, title 1, operating handbook, 31429
- Real property, see Real estate.**
- Reciprocal fishing privileges, agreement between United States and Canada, 31859**
- Recirculation, see Circulation.**
- Reclamation Bureau, poster, 31775**
- Reclamation of land :**  
 acquisition and reclamation of abandoned mines, hearings, 31025  
 drainage, why do we do it? 31816
- Recommendations for shape of earthquake response spectra, 30782**
- RECON, see RECON Pilot Project (retrospective conversion.)**
- RECON Pilot Project (retrospective conversion) :**  
 national aspects of creating and using MARC/RECON records, 31570
- Reconstruction Finance Corporation, preliminary inventory of records, 1932-64, 31669**
- Recorders, see Recording instruments.**
- Recording instruments, model 4100 graphic recorder, 31727**
- Recordings, see Sound recordings.**
- Records :**  
 national aspects of creating and using MARC/RECON records, 31570  
 records control handbook, HUD, 31424  
 tabular analysis of records of U.S. colored troops and their predecessor units in National Archives, 31672  
 visible record equipment, Federal item identification guide, 31192  
 ways to improve records management practices in Federal Government, GAO report, 31386  
*see also* names of departments, etc.—  
*also* subjects.

## INDEX

- Recreation :  
 facilities subject to user fees at Federal areas, report, 31084  
 how outdoorsman can help prevent pollution, 31301  
 recreation potential in Appalachian highlands, market analysis, 30749  
 regulations governing occupancy and use of national forest recreation sites and areas, 30710  
 Recreation centers, financial assistance for work and training and year-round recreational opportunities for youth, hearing, 31017  
 Recruiting and enlistment, today's Army wants to join you, 30757  
 Recycle operations (chemical technology), *see* Waste treatment.  
 Redevelopment (city planning, etc.) :  
 audit guide for urban renewal program for use by independent public accountants, 31436  
 facts about relocation of—  
   business concerns, farm operations, and nonprofit organizations, 31415  
   families and individuals, 31416  
 model cities programs, comparative analysis of city response patterns and their relation to future urban policy, 31437  
 urban renewal handbook, HUD, 31432, 31435  
 Reduction of Federal Expenditures and Joint Committee, committee prints, 31043-44  
 Reeder, Nell E., soil survey of Ashtabula County, Ohio, 31817  
 Reemployment of veterans, *see* Veterans.  
 Reentry into atmosphere, *see* Atmospheric entry.  
 Reference books, Indians, references for young students, 31473  
 Refineries, lead, background information for proposed new source performance standards, 30722  
 Reforestation, *see* Forest planting.  
 Reformatories, review of manpower R & D projects in correctional field, 1963-73, 31573  
 Refrigeration and refrigerating machinery, equipment, current industrial reports, 30837  
 Refugees, *see* names of refugees.  
 Regional agricultural research, quarter century of achievement through cooperative endeavor, 30709  
 Regional branches of National Archives, 31666  
 Regional medical programs, oversight, 31032  
 Regionalism, regional governance, promise and performance, 30688  
 Regulations, *see* Code of Federal regulations—also subjects.  
 Rehabilitation, property disposition handbook, reconditioning acquired properties, 31427  
 Rehabilitation of criminals, review of manpower R & D projects in correctional field, 1963-73, 31573  
 Rehabilitation of the disabled :  
 Operation Tripod toward rehabilitation involvement by parents of the deaf, workshop, Memphis, Tenn., 31788  
 profile of clients with monthly family incomes less than \$150 who were rehabilitated during 1971, 31789  
 Rehabilitation Services Administration, statistical note, 31798  
 Reinhart, K. G., timber-harvest clearcutting and nutrients in northeastern United States, 31365  
 Reinsel, Edward I., agricultural finance review, 31215  
 Reintegration of offender into community, 31551  
 Reliability (mechanical) :  
 vibration effects on helicopter reliability and maintenance, 30762  
 Relief work, Disaster preparedness and assistance act, draft of proposed legislation, 30952  
 Relocation (housing), *see* Redevelopment (city planning, etc.).  
 Remote sensing, for earth resources, agreement with Brazil, 31855  
 Renal diseases, *see* Kidneys.  
 Rendezvous (space) :  
 Apollo experience report, evolution of rendezvous-maneuver plan for lunar-landing missions, 31654  
 Renegotiation, *see* Government contracts.  
 Renner, J. J., motorist radio services, 31323  
 Rental housing, *see* Housing.  
 Rentz, Frederick P., review of available heated wet-suit protection for divers and swimmers, 31581  
 Reporters and reporting, *see* Correspondents.  
 Reports, report UAG series, 31265  
*see also* names of departments, etc., issuing reports—also subjects.  
 Reppert, Jack N., interpretation of trend in range condition from 3-step data, 31373  
 Requisitions—  
 MILSTRIP—  
   military standard requisitioning and issue procedures, 31194  
   routing identifier code, 31195  
 Research, *see* names of departments doing research—also subjects.  
 Research and development reports, 30766-783  
 Research and development series, 31693  
 Research and statistics notes, Social Security Administration, 31810-811  
 Research and Support Services Office, NOAA technical memorandum, ERL ORSS series, 31719  
 Research laboratories, *see* names of laboratories or places where located.  
 Research notes, Forest Service, 31361-369  
 Research on street crime control, 31552  
 Research opportunities and needs in taiga of Alaska, 31359  
 Research papers, Forest Service, 31370-374  
 Research reports :  
 Appalachian Regional Commission, 30747-749  
 Cold Regions Research and Engineering Laboratory, 31235  
 Smithsonian Institution, 31798  
 Research scientists, National biomedical research fellowship, traineeship, and training act, report, 30965  
 Research technicians, *see* Agricultural research technicians.  
 Reserve components of Armed Forces, personnel strengths for 1974, authorization, hearings, 31132  
 Reservoirs, sanitary survey of drinking water systems on Federal water resource developments, pilot study, 31899  
 Resolutions, *see* Law.  
 Resource bulletin, Forest Service, 31375  
 Resource publication, 31831  
 Resources, *see* Natural resources.  
 Responses, effects of stress history on resilient response of soils, 31243  
 Responses (psychology) :  
 frequency of anti-collision observing responses by solo pilots as function of traffic density, ATC traffic warnings, and competing behavior, 30788  
 Restoration, Federal aid in fish and wildlife restoration manual, 31826  
 Retirement :  
 Central Intelligence Agency retirement act, amend, law, 30907  
 permit immediate retirement of certain Federal employees, law, 30915  
 union status and benefits of retirees, 31555  
*see also* Civil service pensions.



- Retrieval of dispersive and convective transport phenomena in fluids using stationary and nonstationary time domain analysis, 31630
- Review of National Policy toward Gambling, Commission on, *see* National Policy toward Gambling, Commission on Review of.
- Revolution 1775-83:  
 black presence in era of American Revolution 1770-1800, 31737  
 colonial drummer, rise of spirit of independence series, American Revolution bicentennial commemorative stamp (poster), 31888
- Revolutionary war, *see* Revolution, 1775-83.
- Revzin, Alvin M.:  
 subtle changes in brain functions produced by single doses of mevinphos (phosdrin), 30786  
 transient blindness due to combined effects of mevinphos and atropine, 30787
- Rewards (prizes, etc.):  
 incentive awards program, Federal employees, 30878
- Riccitiello, S. R., application of space program fire-retardant technology to housing, 31644
- Rice, J. L., stabilization for pavements, 31244
- Rickover, Hyman G., appointment to grade of admiral on retired list, report, 30976
- Rights-of-way across Federal lands, transportation of Alaska's north slope, 31146
- Rigorous correction procedure for quantitative electron probe microanalysis, 31677
- Rinderpest, prevention of foot-and-mouth disease and rinderpest, agreement with Honduras, 31858
- Rio Grande River and Valley, mechanical equipment, Rio Grande project, region 5, field review of maintenance, 31783
- Road user and property taxes on selected motor vehicles, 1973, 31327
- Roads and highways:  
 Federal-aid highway act, amend, report, 31102  
 interstate and other highway funds, interim apportionment, law, 30932
- Robert F. Kennedy Memorial Stadium:  
 additional seating, hearing, 31040  
 8,000 additional seats, provide at no cost to Government, report, 31076
- Robert S. Kerr Laboratory, national environmental research facility, 31304
- Roberto Walker Clemente medals, law, 30909
- Rockets, experimental and analytical study of one- and two-component flows in spherical chambers, 31609
- Rocks, radiographic, petrographic, and SEM evaluation of ballistically loaded clay, 31261
- Rods, absorbing materials and control rods for fast reactors, USSR study, 31528
- Rogers, Peter H., mathematical model for standing-wave acoustic parametric source (SWAPS), 31758
- Rogers, Vergil A., soil survey of Lancaster County, S.C., 31821
- Rohani, B., fragment and projectile penetration resistance of soils high-velocity fragment penetration into laboratory-prepared soil targets, 31259
- Roseville, Calif., flood plain information, Dry Creek and tributaries, 31250
- Ross, Joseph B., tabular analysis of records of U.S. colored troops and their predecessor units in National Archives, 31672
- Rotation:  
 FORTRAN IV computer program for calculating critical speeds of rotating shafts, 31652  
 laser Doppler velocity measurements of swirling flows with upstream influence, 31610
- Roth, J. Reece, characteristics and performance of superconducting bumpy-torus magnetic facility for plasma research, 31641
- Rotors, leading-edge serrations which reduce noise of low-speed rotors, 31645
- Rotranel, Frank A., Apollo experience report, command and service module instrumentation subsystem, 31647
- Roughness, *see* Surfaces.
- Routes to reform, 31707
- Routing, MILSTRIP, identifier codes, 31195
- Rules, *see* names of courts, commissions, etc., issuing rules—*also* subjects.
- Rules and Administration Committee, Senate reports, 31065-66, 31083, 31086-91, 31109-110
- Rules Committee, House:  
 reports, 30963-971, 30991, 30997-998
- Runaway youth act, 31063
- Runnels County, Tex., investigation of nitrate problem in Runnels County, Tex., ground water, etc., 31289
- Runways (aeronautics):  
 Bahamas Long Range Proving Ground, expanded use of Ascension Island, agreement with United Kingdom of Great Britain and Northern Ireland, 31856  
*see also* Pavements.
- Rural communities, public employment programs in selected rural and urban areas, Department of Labor, GAO report, 31388
- Rural credit program, nonfarm enterprises, 30711
- Rural development programs, rural electric and telephone direct loan programs, restore, law, 30908
- Rural electricity, *see* Electricity.
- Rural Electrification Administration, annual report, 31790
- Russia, *see* Union of Soviet Socialist Republics.

S

- Sac Indians, *see* Sauk Indians.
- Safety of life:  
 coal mine health and safety research program, 31584  
 convention for safety of life at sea, 6 amendments, 31045, 31050  
 frequency of anti-collision observing responses by solo pilots as function of traffic density, ATC traffic warnings, and competing behavior, 30788  
 gas pipeline safety, Federal-State relations, 31884  
 it's good food, keep it safe, 30714  
 occupational safety and health, other regulations and procedures, 31762  
 promotion of safety on Great Lakes by means of radio, agreement with Canada, 31046  
 railway operating and safety rules, technical manual, 30756  
 safety road checks, motor carriers of property, 31596  
 systematic approach to pipeline safety, special study, 31747
- Sahel, Africa, drought crisis, hearing, 31021
- Sailing directions:  
 Africa, southwest coast, 31200  
 North Pacific Ocean, 31201
- Sailors, vocational training and employment problems arising from technical developments on board ship, ILO recommendations, 30951
- St. Lawrence River and Valley, basin, surface water quality, 31404
- St. Lawrence River basin, *see* St. Lawrence River and Valley.
- Salad dressing, mayonnaise, salad dressing and related products, current industrial reports, 30846
- Salaries:  
 Federal salary act, amend, hearing, 31034  
 Selective Service System local boards and appeals boards employees, increase rates, hearing, 31035
- Salcha, Alaska, Salcha-Big Delta Area soil survey report, 31824

## INDEX

- Sales, *see* names of commodities, etc.  
 Salesmen and salesmanship:  
   selling in—  
     Greece, 31208  
     Spain, 31205  
   selling to U.S. Government, 31795  
 Saline water, *see* Sea water—Water.  
 Saline Water Office, catalog of research projects, 31494  
 Salinity, salinity on optical extinction of sea ice at 6328 Å, effect, 31235  
 Samarium, preparation of samarium-cobalt magnets, 31595  
 Sampling devices, assessment of automatic sewer flow samplers, 31285  
 Sampson, Arthur F., nomination, hearing, 31142  
 Sandstone, stratigraphic terminology of Dakota Sandstone and Mancos shale, west-central New Mexico, 31394  
 Sanitation, sanitary survey of drinking water systems on Federal water resource developments, pilot study, 31899  
 San Jose, Calif., area wage survey, 31559  
 San Juan Island, general information, 31734  
 Sanks, Robert L., ion exchange color and mineral removal from kraft bleach wastes, 31283  
 Santa Ana National Wildlife Refuge:  
   general information, 31828  
   mammals, 31830  
 Santa Monica Bay, California, beach widening by perched beach concept, hydraulic model investigation, 31264  
 Satellites:  
   Juridical problems in use of orbits for artificial earth satellites, USSR study, 31522  
   symposium on significant results obtained from Earth Resources Technology Satellite-1—  
     summary of results, 31664-664A  
     technical presentations, 31618  
 Saudi Arabia, background notes, 31840  
 Sauk Indians, Sacs and Foxes, general information, 31474  
 Saunders, Robert J., spatial concentration of industry in Appalachia analysis of potential for import substitution, 30747  
 Savings and loan associations, *see* Federal savings and loan associations.  
 Sawyer, Robert N., longitudinal health survey, 31579  
 SBA, *see* Small Business Administration.  
 Scanning, radiographic, petrographic, and SEM evaluation of ballistically loaded clay, 31261  
 Scattering scattering of 42-MeV alpha particles from copper-65, 31642  
 Scheil, Thomas A., trace organic impurities in gaseous helium, 31622  
 Schizophrenia, utilization of mental health resources by persons diagnosed with schizophrenia, 31696  
 Schneider, Robert F., preimpoundment study of West Point Lake, Ga., 31900  
 Schoephorster, Dale B., soil survey of Salcha-Big Delta Area, Alaska, 31824  
 School lunches:  
   alter the destiny of your community, 31346  
   National school lunch act, amend, hearing, 31019  
   school food service financial management handbook for uniform accounting—  
     complete system, 31347  
     simplified system, 31348  
 Schools:  
   FAA certificated aviation maintenance technician schools, directory, 31315  
   promoting mental health in classroom, handbook for teachers, 31695  
   *see also* Elementary Schools—School lunches.  
 Schwab, R. N., monetary value drivers place on comfort in night driving, 31322
- Science:  
 examination announcement, engineering, physical sciences, and related positions, 30875  
 graduate science enrollment declines 2 percent from 1971-72, 31740  
 science indicators 1972, report of National Science Board, 31739  
 science study aids (series), 30717  
 Smithsonian contributions to earth sciences, 31799-800  
 Science and Astronautics Committee, House, hearing, 31121  
 Scientific and technical aerospace reports, 31662  
 Scientific directory, 1973, and annual bibliography, 31703  
 Scientific research:  
   organization of control, USSR study, 31533  
   science indicators 1972, report of National Science Board, 31739  
   scientific directory and annual bibliography, 31703  
 Scientists:  
   engineering and scientific occupational groups, selected characteristics, 31741  
   immigrant scientists and engineers in United States, study of characteristics and attitudes, 31738  
   persons in engineering, scientific, and technical occupations, current population reports, 30852  
   scientific directory and annual bibliography, 31703  
   *see also* Research scientists.  
 Scrap metal, *see* Metals.  
 Sea, *see* Ocean.  
 Seat Water:  
   conversion, appropriations, 1974, authorize—  
     hearing, 31147  
     law, 30923  
     reports, 30967, 31072  
 Sealants, *see* Sealing compounds.  
 Sealing compounds, feasibility of plastic foam plugs for sealing leaking chemical containers, 31282  
 Seamen, *see* Sailors.  
 Seattle, Wash., census of housing, 1970, components of inventory change, 30796  
 SEC, *see* Securities and Exchange Commission.  
 Seckler-Hudson, Catheryn, our Constitution and Government, Federal textbook on citizenship 31441  
 Secondary education, statistics of local public school systems, fall 1970, staff, 31229  
 Secondary schools, *see* High schools.  
 Secrecy (law), *see* Trade secrets.  
 Secunda, Steven K., depressive disorders, 31699  
 Securities:  
   effects of alternative marketing margins for beef and pork, 30697  
   processing for clearance and settlement of securities transactions, provide regulations, report, 31106  
 Securities and Exchange Commission:  
   appropriations, 1974, hearings, 31011  
   index to Commission decisions, July 1, 1967-June 30, 1971, 31792  
 Securities exchanges, act, amend for clearance and settlement of securities transactions, report, 31106  
 Security, *see* National security.  
 Sedimentation and deposition:  
   effect of silt and silt removal in prairie lake, 31269  
   phosphorus release from lake sediments, 31268  
   underwater television survey of Atlantic outer continental margin near Wilmington Canyon, 31800  
 Seeding, *see* Forest planting.  
 SeEVERS, Gary L., nomination, hearings, 31135

- Seiller, Earl L., guide to preparation of operational plans for sewage treatment facilities, 31286
- Sismic measurements, seismic zoning, 31723
- Seismology :  
 Alma-Ata central seismic station, USSR study, 31535  
 seismic zoning, 31723  
*see also* Earthquakes.
- Selected industrial air pollution control equipment, 30847
- Selected papers on consumerism in HMO movement, 31408
- Selective Service System, local boards and appeal board employees, increase compensation, hearing, 31035
- Selling, *see* Salesmen and salesmanship.
- Seminars, *see* Conferences, congresses, etc.
- Seminole Indians, general information, 31475
- Senate :  
 appropriations, 1974, legislative, hearings, 31129  
 documents, 31053-62  
 executive documents, 31045-48  
 executive reports, 31049-52  
 majority and minority leaders, print as Senate document, report, 31110  
 reports, public bills, 31063-120
- Senior citizens, *see* Aged.
- Sensors :  
 design and evaluation of an optical fine-pointing control system for telescopes utilizing digital star sensor, 31628  
 diode and thermocouple airborne temperature sensors, 31725
- Serial set (congressional), 30898-899
- Serum and serumtherapy, *see* Cytotoxins.
- Service contract act of 1965, *see* Government contracts.
- Servoactuators, *see* Actuators.
- Sewage :  
 guide to preparation of operational plans for sewage treatment facilities, 31286  
 methods for pulp and paper mill sludge utilization and disposal, 31279  
 sewage sludge dumping in New York Bight, brief outline of study, 31302  
*see also* Sewerage systems.
- Sewerage systems :  
 assessment of automatic sewer flow samplers, 31285  
 sewage treatment plants, background information for proposed new source performance standards, 30722  
*see also* Sewage.
- Sewers, *see* Sewerage systems—Storm drains.
- Seychelles, background notes, 31841
- Shafts, FORTRAN IV computer program for calculating critical speeds of rotating shafts, 31652
- Shale, stratigraphic terminology of Dakota Sandstone and Mancos Shale, west-central New Mexico, 31394  
*see also* Oil shale.
- Shawnee Indians, general information, 31476
- Shear of winds, *see* Winds.
- Sheboygan, Wis., prospects for the past, study of notable architecture, 31439
- Shelley, Philip E., assessment of automatic sewer flow samplers, 31285
- Shellfish, Florida landings, 31711  
*see also* Clams.
- Shells, vibration of shells, 31617
- Shenandoah National Park, general information, 31735
- Sherman, Edith M., patterns for progress in aging, work study in social gerontology, 30689
- Shipbuilding, outlook for production on Navy's LHA and DD-963 shipbuilding programs, GAO review, 31383
- Shipments, *see* names or classes of articles shipped.
- Shipping, conference on tank containers, 31574
- Shippingport Atomic Power Station, aerial radiological measuring survey, 30767
- Ships, U.S. and foreign coastal radio stations accepting ship's weather observations, 31748  
*see also* Tankers.
- Shock waves, analytical and experimental studies of shock interference heating in hypersonic flows, 31626
- Shoshoni Indians, general information, 31477
- Shrimps, fisheries, shrimp, agreement with Brazil, 31857
- Sick, noise and noise sickness, 31655
- Siegel, Robert, net radiation method for enclosure systems involving partially transparent walls,
- Sight :  
 improvement of absolute distance estimation under water, use of monocular motion parallax, 31582  
 monetary value drivers place on comfort in night driving, 31322
- Silicides, oxidation at through-hole defects in fused slurry silicide coated columbian alloys FS-85 and Cb-752, 31635
- Silicon, effect of copper and silicon on selected mechanical properties of hot-rolled medium-carbon steels, 31590
- Silt, *see* Sedimentation and deposition.
- Simplified mathematical modeling of water quality, 31305
- Simulation :  
 computerized unsymmetrical mathematical simulation and experimental verification for helicopter crashworthiness in which multidirectional impact forces are present, 30759  
 numerical simulation of three-dimensional transonic flow with application to C-141 wing, 31624  
 use of simulation models pertaining to best mix of aircraft, support personnel, spare parts, and level of repair, 30730
- Sinclair, R. W., variation of low-level winds during passage of thunderstorm gust front, 31614
- Singapore, map, 30865
- Sioux Indians, Dakota Indians, general information, 31478
- Sisal hemp :  
 disposal from national stockpile—law, 30921  
 report, 31064
- Sisco, Joseph J., address, May 7, 1973, 31848
- Sisseton Reservation, resources and development, potential, 31485
- Site indexes, estimating Dunning's site index from plant indicators, 31368  
*see also* Forests and forestry.
- Sites, estimating productivity on sites with low stocking capacity, 31372
- Size distribution of family personal income, methodology and estimates for 1964, 31213
- Skuderna, J. E. :  
 electrical equipment—Hungry Horse, Grand Coulee Dam Operations Office, Yakima project, region 1, field review of maintenance, 31780  
 Mindoka projects, Central Snake projects, field of maintenance, 31781
- Skylab, *see* Space stations.
- Slaughtering, slaughtering, cutting, and processing beef on farm, 30699
- Slimes, *see* Phosphate slimes.
- Sludge, sludge processing for combined physical-chemical-biological sludges, 31281  
*see also* Sewage.
- Slurry, oxidation at through-hole defects in fused slurry silicide coated columbian alloys FS-85 and Cb-752, 31635
- Small business, *see* Business.
- Small Business Administration :  
 annual report, SBA story, 31794  
 bank/SBA loans, partnership for small business progress, 31793

## INDEX

- Small Business Administration—Continued  
 increasing outstanding loan ceiling, hearing, 31013  
 publications for-sale, booklets, 31796  
 selling to U.S. Government, SBA services to small firms, 31795
- Small Business, Select Committee on, Senate :  
 annual report, report, 31104  
 hearings, 31165-166  
 report, 31104
- Smalley, Glandon W., hackberry, American wood, 31354
- Smelters, lead, background information for proposed new source performance standards, 30722
- Smith, Carolyn R., index of institutions of higher education by State and congressional district, 31223
- Smith, Charles C., jr., effect of wing aspect ratio and flap span on aerodynamic characteristics of externally blown jet-flap STOL model, 31629
- Smith, Franklin, guidelines for development of quality assurance program, 31271
- Smith, Robert, electrical power consumption for municipal wastewater treatment, 31291
- Smithsonian Institution :  
 appropriations 1974, hearings, 31126  
 contributions to earth sciences, 31799-800  
 contributions to zoology, 31801-802  
 international exchange service, annual report, 31803  
 research report, 31798  
 studies in history and technology, 31804
- Snake River and Valley, electrical equipment, Central Snake projects, field review of maintenance, 31781
- Social and Rehabilitation Service :  
 appropriations, 1974, hearings, 31009  
 publications, list, 31805  
 working papers, 31806
- Social gerontology, *see* Gerontology.
- Social sciences, national assessment and social indicators, 31225
- Social security :  
 act, amend—  
 extend kidney disease medicare coverage to railroad employees, their spouses and dependent children, reports, 30964, 31067  
 law, 30929  
 agreement with—  
 Mexico, 31869  
 United Kingdom of Great Britain and Northern Ireland, 31868  
 beneficiaries in metropolitan areas, 31810  
 bulletin, statistical supplement, 31813  
 laws, compilation, including Social security act and amendments through Jan. 1, 1973, 30958  
 research and statistics notes, 31810-811  
 your check while you're outside the U.S., 31814  
 your social security rights and responsibilities, disability benefits, 31815  
*see also* Disability insurance.
- Social Security Administration :  
 appropriations, 1974, hearings, 31009  
 service area directory, 31812
- Social studies, *see* Social sciences.
- Social work and problems, studies in public welfare, how public welfare benefits are distributed in low-income areas, 30939  
*see also* Public welfare.
- Social workers, organizational structure and climate, implications for agencies, national study of social welfare and rehabilitation workers, work, and organizational contexts, 31806
- Socioeconomics, socioeconomic environmental studies series, 31306
- Soderman, Paul T., leading-edge serrations which reduce noise of low-speed rotors, 31645
- Soil Conservation Service, projects, hearing, 31163
- Soil engineering, *see* Soil mechanics.
- Soil mechanics :  
 effects of stress history on resilient response of soils, 31243  
 measuring soil properties in vehicle mobility research resistance of fine-grained soils to high-speed penetration, 31262
- Soils :  
 fragment and projectile penetration resistance of soils high-velocity fragment penetration into laboratory-prepared soil targets, 31259  
 soil survey investigations report, 31825  
 soil survey laboratory data and descriptions, California, 31825  
 soil temperature and plants in north, USSR study, 31538  
 soil survey reports—  
 Ashtabula County, Ohio, 31817  
 Berrien and Lanier Counties, Ga., 31818  
 Fond du Lac County, Wis., 31819  
 Jefferson County, Okla., 31820  
 Lancaster County, S.C., 31821  
 Midland County, Tex., 31822  
 Oktibbeha County, Miss., 31823  
 Salcha-Big Delta Area, Alaska, 31824  
 total soil nitrogen analysis using micro-Kjeldahl digestion and portable distillation equipment, 31369
- Solar energy, net radiation method for enclosure systems involving partially transparent walls, 31651
- Solar, physics, *see* Physics.
- Solar wind, high speed streams in solar wind, 31285
- Soldiers and Airmen's Home, appropriations, 1974, report, 30983
- Solid wastes, *see* Waste products.
- Soluble particulates in ice from site 2, Greenland, 31236
- Sopors, *see* Methaqualone.
- Sorensen, Jacki, aerobic dancing, rhythmic sport, 31766
- Sound :  
 electric and acoustic fields of fishes, use in commercial fishing, etc., USSR study, 31527  
 field test report on interoceanic acoustic release devices, 31728  
 mathematical model for standing-wave acoustic parametric source (SWAPS), 31758
- Sound recordings, recording rights in musical compositions, 31169
- South Africa :  
 economic trends and their implications for United States, 31503  
 Swaziland, boundary study, 31846
- South Atlantic Islands, evolution of rails (Aves Rallidae), 31802
- South Atlantic slope basins, *see* Atlantic States.
- South Platte River :  
 communication and control systems, projects, region 7, field review of maintenance, 31778  
 electrical equipment, projects, region 7, field review of operation and maintenance, 31784
- Southwell Charles R., biological deterioration of woods in tropical environments, long-term resistance to terrestrial fungi and termites, 31753
- Soviet Union, *see* Union of Soviet Socialist Republics.
- SP series, *see* National Aeronautics and Space Administration—National Bureau of Standards.
- Space, *see* Outer Space.
- Space biology, problems of space biology, tissue oxygen under extreme flight factors, 31659
- Space ergonomics, 31656
- Space medicine, *see* Medicine.
- Space sciences, application of space program fire-retardant technology to housing, 31644

- Space sensors, *see* Sensors.  
 Space shuttles, *see* Spacecraft.  
 Space stations, Skylab astronauts, testimony, hearing, 31121  
 Space technology, *see* Space sciences.  
 Space telescopes, *see* Spaceborne telescopes.  
 Space trajectories, *see* Trajectories.  
 Space vehicles, *see* Spacecraft.  
 Spaceborne telescopes, design and evaluation of an optical fine-pointing control system for telescopes utilizing digital star sensor, 31628  
 Spacecraft :  
   aerodynamic and flow-visualization studies of 2 delta-wing entry vehicles at Mach number of 20.3 31631  
   boundary-layer electron profiles for entry of a blunt slender body at high altitude, 31637  
   illumination in atmosphere and on surface of Venus obtained by automatic interplanetary station Venera-8, USSR study, 31544  
   space ergonomics, 31656  
   space shuttle and alternate programs, GAO analysis of cost estimates, hearings, 31125  
   *see also* Launching.  
 Spacecraft modules :  
   Apollo experience reports—  
     command and service module instrumentation subsystem, 31647  
     service propulsion subsystem, 31648  
 Spain :  
   economic trends and their implications, for United States, 31507  
   selling in Spain 31205  
 Spanish-Americans :  
   persons of Spanish surname, census of population, 1970, subject reports, 30805  
   we the Americans, 30858  
 Spanish language, health communications teaching aids, list of printed materials and their sources, 31410  
 Spark ignition, *see* Ignition.  
 Spatial concentration of industry in Apalachia, 30747  
 Speaking engagements, *see* Addresses, lectures, etc.  
 Speaking for State, 31849  
 Special groups, *see* Minorities.  
 Specifications, *see* subjects.  
 Spectra, approximations for neutron emission spectra from proton collisions between 20 and 500 MeV on nuclei of  $A \geq 12$ , 31653  
 Spectroscopy :  
   development of X-ray fluorescence spectroscopy in elemental analysis of particulate matter, evaluation of commercial multiple crystal spectrometer instruments, 31273  
   scattering of 42-MeV alpha particles from copper-65, 31642  
 Speculation, bellies, quarterly and shorter-term price forecasting models relating to cash and future quotations, 30719  
 Speech, relationships between speech and reading, 31692  
 Speed :  
   FORTRAN IV computer program for calculating critical speeds of rotating shafts, 31652  
   high speed streams in solar wind, 31265  
 Special growth of expanding flames, infrared radiance of methane-air ignitions and coal dust-air explosions, 31592  
 Special reports, Cold Regions Research and Engineering Laboratory, 31236-237  
 Spectra, communications-electronics management of electromagnetic spectrum, 30753  
 Spheres, experimental and analytical study of one- and two-component flows in spherical chambers, 31609  
 Spillways, survival of fish passing through spillways and conduits, compendium, 31238  
 Spokane Indian Reservation, forest inventory analysis, 31487  
 Spontaneous modeling in natural processes, 31541  
 Sport Fisheries and Wildlife Bureau :  
   refuge leaflets, 31827-830  
   special scientific reports, wildlife series, 31832  
 Sports :  
   aerobic dancing, rhythmic sport, 31766  
   resource publication (series), 31831  
   TV blackout of home games in professional sports prohibit, reports, 31095  
 Spraitz, James P., standard digital data clock-rate generator with programmable digital phase shift, 31755  
 Spring wheat, *see* Wheat.  
 Springville, Utah, flood plain information, Hobbie Creek, 31251  
 SRS, *see* Social and Rehabilitation Service.  
 SSS, *see* Selective Service System.  
 Stabilization :  
   for pavements, 31244  
   hard maple flooring with polyethylene glycol 1000, 31370  
 Standards and standardization, military standards, 31193  
   *see also* subjects.  
 Standing waves, mathematical model for standing-wave acoustic parametric source (SWAPS), 31758  
 Stanley, Daniel J., underwater television survey of Atlantic outer continental margin near Wilmington Canyon, 31800  
 STAR, *see* Scientific and technical aerospace reports.  
 Stars :  
   astrometry and astrophysics, research of sun and stars, 31658  
   design and evaluation of an optical fine-pointing control system for telescopes utilizing digital star sensor, 31628  
   methods of investigating variable stars, 31661  
 State Department :  
   appropriations, 1974—  
     hearings, 31127  
     report, 30994  
   background notes, 31834-842  
   Foreign Service buildings program, 1974 and 1975 authorization, law, 30920  
   speaking for State, speaker request forms, 31849  
 State government, *see* Government.  
 States :  
   day care licensing requirements abstracts, family day care homes & group day care homes, 30866  
   fair hearings in public assistance under Federally-aided programs received by State agencies, 31684  
   financial aspects of administration of grants-in-aid to State and local governments, HUD, 31421  
   gas pipeline safety, Federal-State relations, 31884  
   household income in 1969 for States, SMSA's, cities, and counties, 30811  
   improving opportunities for employment of disadvantaged in State and local governments, guide for effective action, 30881  
   index of institutions of higher education by State and congressional district, 31223  
   interstate carrier water supply systems by States and EPA regions, inventory, 31296-297  
   Public Health Service grants and awards, 1972 funds, 31702  
 Statistical abstract of United States :  
   supplement, county and city data book, 1972—  
     departmental edition, 30817  
     document edition, 30951A

## INDEX

- Statistical publications, *see* names of departments, etc., issuing publications.  
 Statistics, *see* subjects.  
 Statutes, *see* Law—Statutes at large.  
 Steady state, *see* Equilibrium.  
 Steel:  
   effect of copper and silicon on selected mechanical properties of hot-rolled medium-carbon steels, 31590  
   effect of welding on fatigue life of high-strength reinforcing steel used in continuously reinforced concrete pavements, 31326  
   zinc-rich coatings applied to carbon steel, performance characteristics, 31638  
 Steel mills:  
   iron and steel plants, background information for proposed new source performance standards, 30722  
   products, 1972, current industrial reports, 30849  
 Steer beef, *see* Beef.  
 Stephens, J. Briscoe, retrieval of dispersive and convective transport phenomena in fluids using stationary and nonstationary time domain analysis, 31630  
 Stevens, Joe G., soil survey of Berrien and Lanier Counties, Ga., 31818  
 Stewart, Harold A., ash, American wood, 31352  
 Stewart, William M., scattering of 42-MeV alpha particles from copper-65, 31642  
 Stilling basins, hydraulics and downstream fish migration, 31238  
 Stockpiling, *see* Strategic materials.  
 Stockmen, how farmer and rancher can help prevent pollution, 31300  
 STOL (short take off and landing), *see* Aircraft.  
 Storage, *see* names or classes of articles stored.  
 Storage tanks, *see* Tanks (containers).  
 Storey, C. L., relative toxicity of chloropierin, phosphine, EDC-CC1<sub>4</sub>, and CCl<sub>4</sub>.CS<sub>2</sub> to various life stages, 30693  
 Storm drains, assessment of automatic sewer flow samplers, 31235  
 Storms, modification of Great Lakes winter storms, 31722  
   *see also* Thunderstorms.  
 Strains and stresses:  
   effects of—  
     load variations on flexural fatigue strength of plain concrete, 31319  
     stress history on resilient response of soils, 31243  
     welding on fatigue life of high-strength reinforcing steel used in continuously reinforced concrete pavements, 31326  
 Strategic materials:  
   disposal from national and/or supplemental stockpile of—  
     certain abaca and sisal cordage fiber—law, 30921  
     report, 31064  
   opium, report, 31101  
 Stratigraphy:  
   contributions to stratigraphy (series), 31394  
   stratigraphic terminology of Dakota Sandstone and Mancos Shale, west-central New Mexico, 31394  
 Streamlining, *see* Aerodynamics.  
 Streets:  
   Omnibus crime control and safe streets act, amend, report, 30969  
   research on street crime control, 31552  
 Strength development and reaction products in lime-montmorillonite-water systems, 31325  
 Strength of materials, *see* names of materials and articles.  
 Stresses (mechanical), *see* Strains and stresses.  
 Striking better balance, Federalism in 1972, 30687  
 Structural designs, improved helicopter crashworthiness analytical and design techniques development program, 30759  
   *see also* Architecture.  
 Structure of intraseasonal pricing mechanism for late summer onions, 1930-68, 30707  
 Student loan program, *see* Students.  
 Students:  
   college, directory of volunteer programs, 30686  
   guaranteed student loans, 1973, hearings, 31154  
   Indians, reference for young students, 31473  
   student loan insurance fund, 1971 and 1972, financial statements, GAO examination, 30956  
   study of achievement of our Nation's students, 31231  
 Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, *see* Judiciary Committee, Senate.  
 Submarine Medical Center, *see* Naval Submarine Medical Center.  
 Subtle changes in brain functions produced by single doses of mevinphos (phosdrin), 30786  
 Suburbs, *see* Cities and towns.  
 Suction, investigation of suction system and boundary-layer characteristics on high-lift, BLC L-19 test aircraft, 30760  
 Sudan:  
   agricultural commodities, agreement, 31861  
   background notes, 31842  
 Suggested 2-year post high school curriculum, 31232  
 Sulfur oxides, conceptual design and cost study, sulfur oxide removal from power plant stack gas, magnesia scrubbing-regeneration, production of concentrated sulfuric acid, 31280  
 Sulfuric acid, conceptual design and cost study, sulfur oxide removal from power plant stack gas, magnesia scrubbing-regeneration, production of concentrated sulfuric acid, 31280  
 Summary statistics of CPB qualified public radio stations, 31233  
 Summer travel, 30812  
 Sun, astrometry and astrophysics, research of sun and stars, 31658  
 Superconductivity, characteristics and performance of superconducting bumpy-torus magnetic facility for plasma research, 31641  
 Superconductors (electric), *see* Electric conductors.  
 Supersonic pressure, *see* Pressure.  
 Supervisors, supervisor's guide to labor relations in Federal Government, 30889  
 Supplementary medical insurance, 1967-71 trends and fourth quarter 1971, 31808  
 Supreme Court, cases adjudged, United States report, 31880  
 Surface area measurements, *see* Surfaces.  
 Surface mining, *see* Coal mines and mining.  
 Surface water, *see* Water.  
 Surfaces:  
   measuring pavement roughness spectra using modified BPR roughometer with additional refinements 31324  
   nuclear and ion beam techniques for surface and near surface analysis, 31752  
 Surinam, economic trends and their implications for United States, 31510  
 Surveys, *see* subjects of surveys.  
 Survival, survival of fish passing through spillways and conduits, compendium, 31238  
 Survivors, *see* Civil service pensions.  
 Survivors' benefits:  
   plan for retired members of uniformed services, 31493

Survivors' benefits—Continued  
 tax treatment of survivor benefit plans of uniformed services, report, 30980  
 Suspension of duties on certain forms of copper, 30985  
 Susquehanna River Basin Commission: appropriations 1974, hearings, 31130  
 public works appropriations, 1974, report, 30989  
 Swamplands, preliminary classification of wetland plant communities in north-central Minnesota, 31832  
 Swaziland, South Africa boundary, study, 31846  
 Sweaters, jumpers, sweaters, and undershirts, 31186  
 Sweden:  
     certificate of airworthiness for imported aircraft, agreement, 31863  
     foreign trade regulations, 31210  
 Sweeney, Andrea M., productivity, selected annotated bibliography, 31560  
 Swimming:  
     available heated wet-suit protection for divers and swimmers, 31581  
     physical conditioning through water exercises, 31772  
 Swirling, *see* Rotation.  
 Switches, *see* Electric switchgear.  
 Sylvester, Rita D., list of Bureau of Mines publications and articles, 31587  
 Symposiums, AEC symposium series, 30768  
     *see also* names or subjects of symposiums.  
 Synchronizers, standard digital data clock-rate generator with programmable digital phase shift, 31755  
 Systems analysis, development of design information for molecular-sieve type regenerative CO<sub>2</sub>-removal systems, 31608

T

Tables (compilation), *see* Technical scientific, and economic subjects.  
 Tabor, John K., address, July 18, 1973, 30893  
 Tabulation, *see* subjects.  
 Taiwan, Republic of China, economic trends and their implications, for United States, 31514  
 Taking issue, analysis of constitutional limits of land use control, 31174  
 Tankers, build and charter program for 9 tanker ships, GAO report, 31379  
 Tanks (containers):  
     background information for proposed new source performance standards, 30722  
     conference on tank containers, 31574  
     plastic pipe for interior and exterior cold water systems, 31242  
 Tanner, Henry O., commemorative stamp, American art series (poster), 31889  
 Tape, *see* Electronic data processing systems.  
 Tape recorders, Apollo experience report, command and service module instrumentation subsystem, 31647  
 Tariff:  
     customs—  
         convention on international transit of goods, 31048  
         trademark information, 31887  
 Tariff Commission, rules of practice and procedure, 31882  
 Tarrant, R. F., future role of chemicals in forestry, 31360  
 Task Force for study of Coal Waste Hazards, coal waste banks, list, 31496  
 Taube, Carl A., utilization of mental health resources by persons diagnosed with schizophrenia, 31696  
 Tax exemptions, foundations and charitable trusts, their impact on our economy, 31015  
 Taxation:  
     collection of taxpayers' delinquent accounts, GAO report, 31387

Taxation—Continued  
     road user and property taxes on selected motor vehicles, 1973, 31327  
     *see also* Income tax.  
 Taxes, *see* Taxation.  
 Taxonomy, monotremes and marsupials, reference for zoological institutions, 31797  
 Teaching, Spanish-language health communications teaching aids, list of printed materials and their sources, 31410  
 Teaching machines, automated apprenticeship training (AAT), systematized audio-visual approach to self-paced job training, 30729  
 Technical assistance, property disposition handbook, reconditioning acquired properties, 31427  
 Technical bulletins:  
     Agriculture Department, 30719  
     National Oceanographic Instrumentation Center, 31728  
 Technical manuals, Army Department, 30756  
 Technical memorandums, National Oceanic and Atmospheric Administration, 31719-720  
 Technical notes:  
     National Aeronautics and Space Administration, 31621-654  
     National Bureau of Standards, 31676-680  
     Tennessee Valley Authority, 31883  
 Technical reports:  
     Air Force Human Resources Laboratory, 30729-731  
     Army Air Mobility Research and Development Laboratory, 30758-763  
     Construction Engineering Research Laboratory, 31241-244  
     National Oceanic and Atmospheric Administration, 31721-726  
 Technical studies reports, TS series, 31900-902  
 Technical translations, National Aeronautics and Space Administration, 31655-661  
 Technicians:  
     National Guard technicians' retirement, correct inequities in crediting service, report, 31099  
     persons in engineering, scientific and technical occupations, current population reports, 30852  
     *see also* Agricultural research technicians—Biological laboratory technicians.  
 Technology:  
     patent documentation use in—  
         analyzing technological development trends, USSR study, 31523  
         medium-term technological forecasting, USSR study, 31524  
     patent information and technological forecasting, USSR study, 31547  
     Smithsonian studies in history and technology, 31804  
     technology of producing new materials, USSR study, 31530  
     *see also* subjects.  
 Telecommunication, draft proposals of United States for World Administrative Radio Conference for Maritime Mobile Telecommunications, 31843  
 Telecommunications Office, OT reports, 30895  
 Telephone:  
     directory, State Department, International Development Agency, Arms Control and Disarmament Agency, Overseas Private Investment Corporation, 31850  
     rural, restore direct loan program, law, 30908  
 Telescopes, *see* Spaceborne telescopes.  
 Television:  
     blackout of home games in professional sports, prohibt. report, 31095  
     broadcast and production statistics of public television licensees, 31220  
     underwater television survey of Atlantic outer continental margin near Wilmington Canyon, 31800

## INDEX

- Temperature:  
 high temperature superconductor Nb<sub>3</sub>Ga, 31616  
 soil temperature and plants in north, USSR study, 31538  
 Temperature indicators, diode and thermocouple airborne temperature sensors, 31725  
 Templates, template converter program, 31320  
 Tennessee, 1970 census of population, characteristics of population, 30003  
 Tennessee River Valley, wood residues produced at planing mills, Tennessee Valley area, 31883  
 Tennessee Valley Authority:  
 public works appropriations, 1974, 30989  
 technical note, 31883  
 use of formal advertising for government procurement can, and should, be improved, GAO report, 31885  
 Tepper, Lloyd B., survey of air and population lead levels in selected American communities, 31270  
 Terminal boards, Federal item identification guide, 31191  
 Terminals (transportation):  
 terminals, docks, mooring locations and warehouses, lists—  
 Illinois River, 31254  
 Mississippi River, 31255-257  
 Terminology, *see* Sandstone.  
 Termites, long-term resistance to terrestrial fungi and termites, 31753  
 Terrestrial physics, *see* Geophysics.  
 Test equipment, *see* Testing apparatus.  
 Testing:  
 evaluation of item-by-item test administration, 30731  
 nondestructive testing, survey, 31620  
*see also* names of substances or objects tested.  
 Testing apparatus, propellers and test clubs, Federal item identification guide, 31190  
 Testing machines, *see* Testing apparatus.  
 Tetrafluoromethane, thermodynamic and transport properties of gaseous tetrafluoromethane to chemical equilibrium, 31627  
 Texas:  
 county business patterns, 30834  
 pollution of navigable waters of Galveston Bay and its tributaries, conference proceedings, 31294  
 Textiles:  
 broadwoven fabrics, finished, current industrial reports, 30538  
 cloth, Federal item identification guide, 31182  
 man-made fiber textile products, trade agreement, 31875  
 nonwoven fabrics, current industrial reports, 30844  
 relationship between fabric structure and filtration performance in dust filtration, 31292  
 woven fabrics, 1970-72, current industrial reports, 30851  
*see also* names of textiles.  
 Theft, criminal redistribution systems and their economic impact on small business, hearings, 31165  
 Thermal protection, oxidation at through-hole defects in fused slurry silicone coated columbium alloys FS-85 and Cb-752, 31635  
 Thermionic converters, evaluation of practicability of radioisotope thermal converter for artificial heart device, phase 1 final report, 30775  
 Thermocouples, diode and thermocouple airborne temperature sensors, 31725  
 Thermodynamic properties of three sodium titanates, 31591  
 Thermodynamics, thermodynamic and transport properties of gaseous tetrafluoromethane in chemical equilibrium, 31627  
 Thermoelectricity, photoelectronic and thermoelectronic instruments and their applications, USSR study, 31542  
 Thinning of forests, *see* Forest thinning.  
 This administration's education record (address), 31234  
 Thompson, Gayle B., income of aged population, 31811  
 Thompson, R. E., catalytic combustion, pollution-free means of energy conversion?, 31274  
 Thorpe, Jim, Day, *see* Jim Thorpe Day.  
 Thorson, Lee C., fishery publications, calendar year 1967, lists and indexes, 31726  
 Thrust bearings, *see* Bearings (machinery).  
 Thunderstorms, variation of low level winds during passage of thunderstorm gust front, 31614  
 TIAS series, 31851-875  
 Tides, tables, Europe, West Coast of Africa and Mediterranean Sea, 31716  
 Tiedemann, Arthur R., first-year vegetation after fire, reseeding, and fertilization on Entiat Experimental Forest, 31367  
 Tiemann, Norbert T., nomination, hearing, 31162  
 Timber, exports, limit, report, 30997  
 new timber cruising grades for coast Douglas-fir, 31371  
 products milling and utilization, publications, list, 31357  
 timber-harvest clearcutting and nutrients in Northwestern United States, 31365  
 Time, *see* Hours of labor.  
 Time series, retrieval of dispersive and convective transport phenomena in fluids using stationary and nonstationary time domain analysis, 31630  
 Timers, Apollo experience report, command and service module instrumentation subsystem, 31647  
 Timing devices, *see* Timers.  
 Tissues:  
 manual of tissue typing techniques, 31690  
 problems of space biology, tissue oxygen under extreme flight factors, 31659  
 Titanates, thermodynamic properties of three sodium titanates 31591  
 Title I, property improvement loan operating handbook, 31429  
 Tobacco:  
 adult use of tobacco, 30864  
 marketing quotas—  
 hearing, 31123  
 provisions, amend, hearing, 31007  
 Tobin, Albert, development of closed pore insulation material, 31605  
 Today's Army wants to join you, 30757  
 Todd, Karen R. P., promoting mental health in classroom, handbook for teachers, 31698  
 Toftner, Richard O., developing local and regional solid waste management plan, 31308  
 Tolbert, Robert E. L., broadcast and production statistics of public television licensees, 31220  
 Toledo, Ohio, area wage survey, 31557  
 Total soil nitrogen analysis using micro-Kjeldahl digestion and portable distillation equipment, 31369  
 Towns, *see* Cities and towns.  
 Townsend, Dennis P., friction losses in a lubricated thrust-loaded cageless angular-contact bearing, 31643  
 Toxic substances, control act, amend, report, 31080  
 Toxicity, *see* Poisons.  
 Toxins, gas chromatography, method of determining harmful substances in air and in biological media, USSR study, 31529  
 Trace elements, trace organic impurities in gaseous helium, 31622  
*see also* Coal.  
 Tracking, self-focusing antenna for low-angle tracking, 31757



Trade, *see* Commerce—*also* names of classes of commodities.  
 Trade secrets, corporate secrecy, agribusiness, hearings, 31166  
 Trademarks, customs, trademark information, 31887  
 Traffic, traffic management regulations for personal property, Defense Dept. regulations, 31197  
*see also* Air traffic.  
 Traffic control, *see* Air traffic.  
 Traller parks, minimum design standards for mobile home parks, 31430  
 Trallers :  
   minimum design standards for mobile home parks, 31430  
   programa in HUD-FHA para la compra de casas movibles, 31438  
 Train, Russell E., nomination, hearing, 31164  
 Traineeships, National biomedical research fellowship, traineeship, and training act, report, 30965  
 Training :  
   employee training in Federal service, 30888  
   financial assistance for work and training and year-round recreational opportunities for youth, hearing, 31017  
   *see also* Naval education—*also* subjects.  
 Trajectories :  
   Apollo experience report, evolution of rendezvous-maneuver plan for lunar landing missions, 31654  
   application of matched asymptotic expansions to lunar and interplanetary trajectories, 31606  
 Transfer of heat, *see* Heat transfer.  
 Transient blindness due to combined effects of mevinphos and atropine, 30787  
 Transit (international) :  
   customs convention on international transit of goods, 31048  
 Translations, technical, National Aeronautics and Space Administration, 31655-661  
 Transmissions, transmission of 2.0-3.4 micron infrared radiation in ice fog, 31237  
 Transonic flow, *see* Flow.  
 Transonic speed, *see* Air speed.  
 Transport properties :  
   BEAMR, an interactive graphic computer program for design of charged-particle beam transport systems, 31640  
   random walk study of electron motion in helium in crossed electromagnetic fields, 31623  
   retrieval of dispersive and convective transport phenomena in fluids using stationary and nonstationary time domain analysis, 31630  
   thermodynamic and transport properties of gaseous tetrafluoromethane in chemical equilibrium, 31627  
 Transportation :  
   census, 1972—  
     national travel survey, 30812  
     truck inventory and use survey, 30813-815  
   Emergency commuter relief act, report, 31107  
   in nineteenth-century America, survey of cartographic records in National Archives of United States, 31670  
   medical emergency transportation and service programs, establish, hearings, 31153  
   reference data, Army field manual, 30752  
   urban mass transportation, authorize grants to assure adequate commuter service in urban areas, report, 31107  
   *see also* High speed ground transportation.  
 Transportation Department, appropriations, 1974, reports, 30977, 31002  
 Travel :  
   census of transportation, 1972, national travel survey, 30812  
   Soviet correspondents report motor trip through United States, USSR study, 31520

Travel—Continued  
   summer travel, census of transportation, 1972, national travel survey, 30812  
 Travis Air Force Base, dining facility user-attitudes and environmental design research, 31239  
 Treasury Department :  
   appropriations, 1974—  
     hearings, 31012, 31131  
     report, 31117  
 Treaties :  
   International Council for Exploration of the Sea, convention and other governments, 31873  
   treaties and other international acts series, 31851-875  
   treaties and other international agreements, 31876  
   *see also* subjects.  
 Tree nuts, *see* Nuts.  
 Trees, *see* names of trees.  
 Trevino, Alberto F., jr., nomination, hearing, 31136  
 Trials, competency to stand trial and mental illness, 31695  
 Trips, *see* Travel.  
 Trivisonno, Roger J., FORTRAN IV computer program for calculating critical speeds of rotating shafts, 31652  
 Troops, *see* Armed Forces.  
 Tropics, biological deterioration of woods in tropical environments, 31753  
 Troth, D. L., investigation of aircraft gas turbine combustor having low mass emissions, 30761  
 Truck-top markings for visual identification, 31885  
 Trucks, *see* Motortrucks.  
 Turbines :  
   FORTRAN program for calculating velocities and streamlines on hub-shroud and mid-channel flow surface of axial- or mixed-flow turbomachine, user manual, 31639  
   investigation of aircraft gas turbine combustor having low mass emissions, 30761  
   Turbojet engines, *see* Engines (aircraft).  
   Turbomachines, *see* Turbines.  
   Turbulence, model of wind shear and turbulence in surface boundary layer, 31613  
   Turbulent boundary layers, *see* Boundary layer.  
   Turbulent flow, *see* Flow.  
   Turbulent fluid friction of rotating disks, 31607  
   Turkeys, prices and price spreads for eggs, frying chickens and turkeys in 12 major cities, 1966-71, 30718  
   Turnage, G. W., measuring soil properties in vehicle mobility research resistance of fine-grained soils to high-speed penetration, 31262  
   TV, *see* Television.  
   TVA, *see* Tennessee Valley Authority.  
   Typical poisonous plants, 31407

U

U.S. trade promotion facilities abroad, 31212  
 Undershirts, jumpers, sweaters, and undershirts, Federal item identification guide, 31186  
 Understanding national energy dilemma, 30937  
 Underwater research, *see* Oceanography.  
 Underwater sound, *see* Soud.  
 Underwater vision, *see* Sight.  
 Uniform crime reports, 31318  
 Uniformed services, *see* Armed Forces.  
 Union of Soviet Socialist Republics :  
   air transport services, agreement, 31862  
   Soviet Correspondents report motor trip through United States, 31520  
 Union wages, *see* Wages.  
 Unions, *see* Labor unions.  
 United Kingdom of Great Britain and Northern Ireland, *see* Great Britain.

## INDEX

- United Nations:  
 foreign relations of U.S., 1947—  
 departmental edition, 31844  
 document edition, 30942  
 United States participation, report—  
 departmental edition, 31847  
 document edition, 30945  
 NOTE.—For all subjects pertain-  
 ing to the United States, except its  
 government, general history, and  
 description, *see* such subjects.
- United States:  
 our American Government, what is it, how  
 does it work?, print revised edition, re-  
 port, 31090  
 real America (speech), 31553  
 Soviet correspondents report motor trip  
 through United States, USSR study,  
 31520  
 United States coast pilot, *see* Coast pilots.  
 United States Postal Service:  
 appropriations, 1974—  
 hearings, 31131  
 reports, 30971, 31117  
 postal contracting manual, 31892  
 United States reports, *see* Supreme Court.  
 United States Soldiers' and Airmen's Home,  
 increase interest paid on permanent fund,  
 report, 30982  
 United States Soldiers' Home, *see* United  
 States Soldiers' and Airmen's Home.  
 United States Tax Court, appropriations,  
 1974, report, 31117  
 Unlading and lading:  
 and the wheat goes on, 30715  
 fresh fruit and vegetable unloads FVUS  
 (series), 30691-692  
 Unloading, *see* Unlading and lading.  
 Uranium carbides, high power and heat flux  
 irradiation of uranium-plutonium carbides,  
 fast reactor mixed carbide fuel element  
 development program, 30772  
 Urban areas, *see* Cities and towns.  
 Urban development, *see* Community develop-  
 ment programs.  
 Urban Mass Transportation Administration,  
 appropriations, 1974, report, 31004  
 Urban renewal, *see* Redevelopment (city  
 planning, etc.)  
 USAAMRDL technical reports, 30758-763  
 Use of ancillary health personnel in maternal  
 and child health projects, 31576  
 Use of simulation models pertaining to best  
 mix of aircraft, support personnel, spare  
 parts, and level of repair, 30730  
 Users-Producers Conference, creative part-  
 nerships, Government and professional  
 services, proceedings, 31675  
 USSR, *see* Union of Soviet Socialist Repub-  
 lics.  
 Ute Indians, general information, 31479
- V
- VA, *see* Veterans Administration.  
 Vacations, National forest vacations, 30712  
 Values, *see* Worth.  
 Vapor, *see* Water vapor.  
 Vapor deposition, *see* Vapor-plating.  
 Vapor-plating, high temperature super-  
 conductor Nb<sub>3</sub>Ga, 31616  
 Vaporization, *see* Heat of vaporization.  
 Variables (mathematics):  
 effect of load variations on flexural fatigue  
 strength of plain concrete, 31319  
 Variance analysis, iterative solution of integral  
 equation for radiative transfer by  
 using variational technique, 31632  
 Variation of low level winds during passage  
 of thunderstorm gust front, 31614  
 Veca, Angelo C., vibration effects on heli-  
 copter reliability and maintenance, 30762  
 Vegetables:  
 fresh—  
 fruit and vegetable unloads FVUS  
 (series), 30691-692
- Vegetables—Continued  
 fresh—Continued  
 shipment by commodities, States,  
 months, 30692  
 shipment totals by States, commodities,  
 counties, stations, 30691  
 low water volume enzyme deactivation of  
 vegetables before preservation, 31278  
 Vegetation  
 characterizing vegetation from existing  
 source material for predicting munition  
 height of burst in inaccessible areas,  
 31258  
 first-year vegetation after fire, reseeded  
 and fertilization on Entiat Experimental  
 Forest, 31367  
 interpretation of trend in range condition  
 from 3-step data, 31373  
 Vehicles, exhaust emission from uncontrolled  
 vehicles and related equipment using in-  
 ternal combustion engines, small air-  
 cooled spark ignition utility engines,  
 30726  
*see also* Motor vehicles.  
 Velocity:  
 FORTRAN program for calculating velo-  
 cities and streamlines on hub-shroud  
 and mid-channel flow surface of axial- or  
 mixed-flow turbomachine, user's manual,  
 31639  
 fragment and projectile penetration resistance  
 of soils, high-velocity fragment  
 penetration into laboratory-prepared soil  
 targets, 31259  
 lesser Doppler velocity measurements of  
 swirling flows with upstream influence,  
 31610  
 Venera-8, *see* Spacecraft.  
 Venus (planet):  
 illumination in atmosphere and on surface  
 of Venus obtained by automatic inter-  
 planetary station Venera-8, USSR  
 study, 31544  
 Veterinary medicine, veterinary services  
 biologics notice, biological products pro-  
 duced in licensed establishments, list,  
 30741  
 Veterans:  
 census of population, subject reports,  
 30809  
 Federal contractor job listing empha-  
 sizing employment of veterans, questions  
 and answers on Secretary of Labor's  
 regulation, 31572  
 health care expansion act, report, 30995  
 liberalization of disability and death pen-  
 sions, report, 31113  
 loan guaranty program, flexible GI interest  
 rate authority in VA, report, 30992  
 opportunities in Federal service, 30887  
 reemployment rights, legal guide and case  
 digest, 31894  
 Veterans Administration:  
 appropriations, 1974, hearings, 31124  
 loan guaranty program, flexible GI interest  
 rate authority in VA, report, 30992  
 nurse careers in VA hospitals, nationwide  
 locations, 31893  
 San Francisco regional office lease prospec-  
 tus, hearing, 31040  
 VA pamphlets, 31598  
 Veterans' Affairs Committee, House, reports,  
 30975, 30992, 30995  
 Veterans' Affairs Committee, Senate, report,  
 31113  
 Veterans hospitals, nurse careers, nation-  
 wide locations, 31893  
 Vibration:  
 vibration effects on helicopter reliability  
 and maintenance, 30762  
 vibration of shells, 31617  
 Vieland, L. J., high temperature supercon-  
 ductor Nb<sub>3</sub>Ga, 31616  
 Vietnam:  
 agricultural commodities, agreement,  
 31870

- Vietnam—Continued  
 agriculture in Vietnam economy, system for economic analysis, 31218  
 medical support of U.S. Army in Vietnam, 30764
- Virgin Islands:  
 county business patterns, 30835  
 legislature, filling of vacancies, hearing, 31027
- Viscosity, aircraft-pavement interaction studies, finite-element model of jointed concrete pavement on non-linear viscous subgrade, 31240
- Visible records, *see* Records.
- Visitor Center, National, *see* National Visitor Center.
- Vital statistics:  
 data from national health survey, 31682  
 data on national health resources, 31683
- Vocational education suggested 2-year post high school curriculum, 31232
- Voelker, D. J.:  
 electrical equipment—  
     Central Valley project, mid-Pacific region, field review of maintenance, 31779  
     North Platte River projects, South Platte River projects, region 7, field review of operation and maintenance, 31784  
     Parker-Davis project, Yuma project, Boulder Canyon project, region 3, field review of operation and maintenance, 31785
- Vogler, Raymond D., low-speed aerodynamic characteristics of fuselage model with various arrangement of elongated lift jets on V/STOL model, 31633
- Volume and yield tables:  
 estimating productivity on sites with low stocking capacity, 31372  
 forest survey, cubic-foot volume equations, 31364  
 logging residue, volume and characteristics, 31375
- Volume of selected hardwood species suitable for turnery bolts in Maine, 31363
- Voroshilov, V. L., astrometry and astrophysics, research of sun and stars, 31658
- Vortex flow, laser Doppler velocity measurements of swirling flows with upstream influence, 31610
- Vortex-lattice FORTRAN program for estimating subsonic aerodynamic characteristics of complex planforms, 31621
- V/STOL (vertical or short takeoff and landing), *see* Aircraft.
- W**
- Wage and Hour Division, Federal labor laws, administered by Wage and Hour Division, with regulations and interpretations, 31895
- Wage chronology, *see* Wages.
- Wages:  
 area surveys—  
     Birmingham, Ala., 31558  
     directory, 31565  
     San Jose, Calif., 31559  
     Toledo, Ohio, 31557
- chronology, Ford Motor Company, June 1941–Sept. 1973, 31563
- earnings distributions in U.S., 1968 data, 31807
- industry survey—  
     contract cleaning services, 31561  
     footwear, 31564  
     minimum, increase, report, 31105  
     union wages and hours, local-transit operating employees, 31562
- Wakefield, Stephen A., remarks, July 9, 1973, 31499
- Walls, net radiation method for enclosure systems involving partially transparent walls, 31651
- Walter Reed Army Institute of Nursing, educational opportunity in nursing field, general information, 30765
- War:  
 Indians, wars and local disturbances, 31481  
 powers of Congress and President, reports, 30978, 31070
- Ward, Robert C.:  
 data acquisition systems in water quality management, 31306  
 extension of QZ algorithm for solving generalized matrix eigenvalue problem, 31634
- Warehouses:  
 terminals, docks, mooring locations and warehouses, list—  
     Illinois River, 31254  
     Mississippi River, 31255–257
- Washington, D.C. *see* District of Columbia.
- Washington Metropolitan Area Transit Authority, appropriations, 1974, report, 30977
- Waste disposal:  
 coal waste banks, list, 31496  
 methods for pulp and paper mill sludge utilization and disposal, 31279  
 sewage sludge dumping in New York Bight, brief outline of study, 31302  
 sludge processing for combined physical-chemical-biological sludges, 31281  
 solid waste disposal act, extend—  
     hearing, 31029  
     law, 30900  
     *see also* Radioactive waste disposal—Waste treatment.
- Waste products:  
 solid waste management—  
     available information materials, 31307  
     developing local & regional plan, 31308  
     series, 31307–309  
     *see also* Industrial wastes—Waste disposal.
- Waste treatment:  
 Federal guidelines, pretreatment of discharges to publicly owned treatment works, 31897  
 guide to preparation of operational plans for sewage treatment facilities, 31286  
 ion exchange color and mineral removal from kraft bleach wastes, 31283  
 water quality and waste treatment requirements on upper Holston River, Kingsport, Tenn. to Cherokee Reservoir, 31902  
     *see also* Municipal wastes—Waste disposal.
- Waste water:  
 biological removal of colloidal matter from wastewater, 31276  
 consideration for preparation of operation and maintenance manuals for municipal wastewater treatment plants, 31896  
 electrical power consumption for municipal wastewater treatment, 31291  
 guide to preparation of operational plans for sewage treatment facilities, 31286  
 physical-chemical treatment of municipal wastewater using powdered carbon, 31287
- Wastewater, *see* Waste water.
- Water:  
 conservation and full utilization of water (poster), 31775  
 ground water levels in United States, 1967–71, North-Central States, 31401  
 Han River basin, Korea, reconnaissance report, water resources study, 31786  
 interstate carrier water supply systems by States and EPA regions, inventory, 31296–297  
 land and water conservation fund act, amend. report, 31084  
 low water volume enzyme deactivation of vegetables before preservation, 31278

## INDEX

- Water—Continued  
 physical conditioning through water exercises. 31772  
 public works appropriations, 1974—  
 hearings, 31130  
 report, 30989  
 resources—  
 California, data, 31396  
 Florida, southern, surface water, 31397  
 Idaho, data, 31398  
 Kansas, data, 31399  
 planning act, amend, law, 30926  
 saline water—  
 catalog of research projects, 31494  
 conversion program, appropriations, 1974, authorize, law, 30923  
 program, appropriations, 1974, authorize—  
 hearing, 31147  
 reports, 30967, 31072  
 sanitary survey of drinking water systems on Federal water resource developments, pilot study, 31899  
 surface water—  
 quality, United States, 31402-404  
 supply, 1966-70, United States, 31405-406  
 tree growth and water use response to thinning in 47-year-old Lodgepole pine stand, 31366  
 water supply papers, 31400-406  
*see also* headings beginning Water.
- Water carriers:  
 interstate carrier water supply systems by States and EPA regions, inventory, 31296-297
- Water distributors, *see* Tanks.
- Water plant operator, *see* Water-pump man.
- Water pollution:  
 convention on prevention of marine pollution, 31051  
 data acquisition systems in water quality management, 31306  
 investigation of nitrate problem in Runnels County, Tex., ground water, etc., 31289  
 navigable waters, Galveston Bay and its tributaries, conference proceedings, 31294  
 water pollution control research series, 31310  
 water quality and waste treatment requirements on upper Holston River, Kingsport, Tenn., to Cherokee Reservoir, 31902
- Water Programs Office, technical studies reports, TS series, 31900-902
- Water-pump man, fluoridation engineering manual, 31898
- Water purification, *see* Waste treatment.
- Water quality:  
 characteristics of water quality and streamflow Passaic River basin above Little Falls, N.J., 31400  
 cost effectiveness in water quality programs, 31266  
 data acquisition systems in water quality management, 31306  
 preimpoundment study—  
 Carters Lake, 31901  
 West Point Lake, Ga., 31900  
 sanitary survey of drinking water systems on Federal water resource developments, pilot study, 31899  
 simplified mathematical modeling of water quality, 31305  
 water quality and waste treatment requirements on upper Holston River, Kingsport, Tenn. to Cherokee Reservoir, 31902
- Water Resources Council, public works appropriations, 1974, report, 30989
- Water systems:  
 plastic pipe for interior and exterior cold water systems, 31242
- Water systems—Continued  
 strength development and reaction products in lime-montmorillonite-water systems, 31325
- Water vapor, heat and water vapor exchange between water surface and atmosphere, 31284
- Watergate investigation, 31159
- Waterways Experiment Station:  
 miscellaneous papers, 31258-261  
 technical reports, 31262-264
- Wave lengths, approximations for neutron emission spectra from proton collisions between 20 and 500 MeV on nuclei of A-12, 31653
- Waves, waves, instabilities and anomalous dissipation of parametric plasma in strong electromagnetic field of pumping wave, USSR study, 31534  
*see also* Radio waves.
- Ways and Means Committee, House:  
 hearings, 31042  
 reports, 30980-981, 30984-988
- We, Americans, Mexican Americans, Puerto Ricans, Cuban Americans, Americans from Central America, Americans from South America, 30853
- We the American elderly, 30861
- We the American foreign born, 30863
- We the Americans (series), 30858-863
- We the Americans, work we do, 30860
- We, the first Americans, 30862
- We want you to know about diagnostic X-rays, 31342
- We want you to know about labels on foods, 31343
- We want you to know about labels on medicines, 31344
- We want you to know what we know about nutrition labels on food, 31345
- Weather, U.S. and foreign coastal radio stations accepting ships' weather observations, 31748
- Weather control, modification of Great Lakes winter storms, 31722
- Weather modification, *see* Weather control.
- Weather Modification Program Office, NOAA technical report, ERL-WMPO series, 31725
- Weathering, concrete and concreting materials exposed to natural weathering, performance investigation, 31263
- Weeds, weed harvest and lake nutrient dynamics, 31267
- Welckmann, Helmut K., modification of Great Lakes winter storms, 31722
- Weight control, *see* Obesity.
- Weights and measures, *see* Metric system.
- Weinberger, John H., growing apricots for home use, 30705
- Welding, effect of welding on fatigue life of high-strength reinforcing steel used in continuously reinforced concrete pavements, 31326
- Welfare, *see* Public welfare.
- Welfare funds:  
 welfare and pension plan legislation, hearings, 31020  
 Welfare and pension plans disclosure act, revise, hearings, 31020
- West coast, *see* Pacific coast.
- West Point Lake, preimpoundment study, 31900
- Wetlands, *see* Swamplands.
- Wheat:  
 and the wheat goes on, 30715  
 forecasting spring wheat harvest before planting by inertial factors, USSR study, 31517  
 spring wheat, biological features, varieties, farming and irrigation, USSR study, 31545
- Wholesale trade, *see* names of commodities and industries.
- Wild animals, *see* Wildlife.
- Wilderness areas, designate certain lands in more populous eastern half of U.S. as wilderness areas, hearings, 31143

**Wildlife :**  
 endangered species, convention, 31052  
 Federal aid in fish and wildlife restoration, manual, 31826  
 Federal laws and treaties on sport fish and wildlife, selected list, 31833  
 how outdoorsman can help preserve, 31301  
 special scientific report, wildlife series, 31832  
 wildlife leaflets, 31833  
 Wildlife refuges, refuge leaflets, 31827-830  
 Wildung, R. E., phosphorus release from lake sediments, 31268  
 Wilmington Canyon, underwater television survey of Atlantic outer continental margin near Wilmington Canyon, 31800  
 Wind profile, *see* Winds.  
 Windows, net radiation method for enclosure systems involving partially transparent walls, 31651  
**Winds :**  
 effect of shear on aircraft landing, 31612  
 model of wind shear and turbulence in surface boundary layer, 31613  
 variation of low level winds during passage of thunderstorm gust front, 31614  
*see also* Solar wind.  
**Wings (aircraft) :**  
 aerodynamic and flow-visualization studies of 2 delta-wing entry vehicles at Mach number of 20.3, 31631  
 effect of wing aspect ratio and flap span on aerodynamic characteristics of externally blown jet-flap STOL Model, 31629  
 fixed wing flight, technical manual, 30751  
 numerical simulation of three-dimensional transonic flow with application to C-141 wing, 31624  
 Winnebago Indians, general information, 31482  
 Winter, modification of Great Lakes winter storms, 31722  
 Wisconsin, 1970 census of population, characteristics of population, 30804  
 Withholding tax, *see* Income tax.  
 Wittlin, G., experimental program for development of improved helicopter structural crashworthiness, analytical and design techniques, 30759  
 WMPO, *see* Weather Modification Program Office.  
 Wolf, Charles H., predictors of job tenure in lumber-mill wood mill, 31362  
 Wolleki Elgins A., nuclear, and ion beam techniques for surface and near-surface analysis, 31752  
 Women, question of opportunity, women and continuing education, 31601  
**Wood :**  
 American woods, 31352-355  
 biological deterioration of woods in tropical environments, 31753  
 land clearing and wood use in Delaware, 31361  
 residues produced at planing mills, Tennessee Valley area, 31883  
 Woodrow Wilson International Center for Scholars appropriations, 1974, hearings, 31126  
 Woods, W. Fred, increasing impact of Federal estate and gift taxes on farm sector, present law and proposed changes, 30696  
 Woods, *see* Wood.  
 Woodworkers, publications, list, 31358  
**Wool :**  
 products—  
 labeling act, amend with respect to recycled wool, report, 31085  
 trade agreements, 31875  
 stocks of wool and related fibers, current industrial reports, 30850  
 trade in wool and man-made fiber textile products, agreement with Malaysia, 31854

**Work :**  
 employment status and work experience, 1970 census of population, 30808  
 financial assistance for work and training and year-round recreational opportunities for youth, hearing, 31017  
 we, the Americans, work we do, 30860  
 Work with GAO for a more effective government, 31390  
 World Administrative Radio Conference, draft proposals of United States for Maritime Mobile Telecommunications, 31843  
 World Bank, *see* International Bank for Reconstruction and Development.  
 World Data Center A, Solar-Terrestrial Physics, report UAG series, 31265  
 World drug traffic and its impact on U.S. security, 31152  
 World strength of Communist Party Organizations, 31877  
 Worth, monetary value drivers place on comfort in night driving, 31322  
 Woven goods, *see* Textile.  
 Wright, R. M., development of design information for molecular-sieve type regenerative CO<sub>2</sub>-removal systems, 31608

X

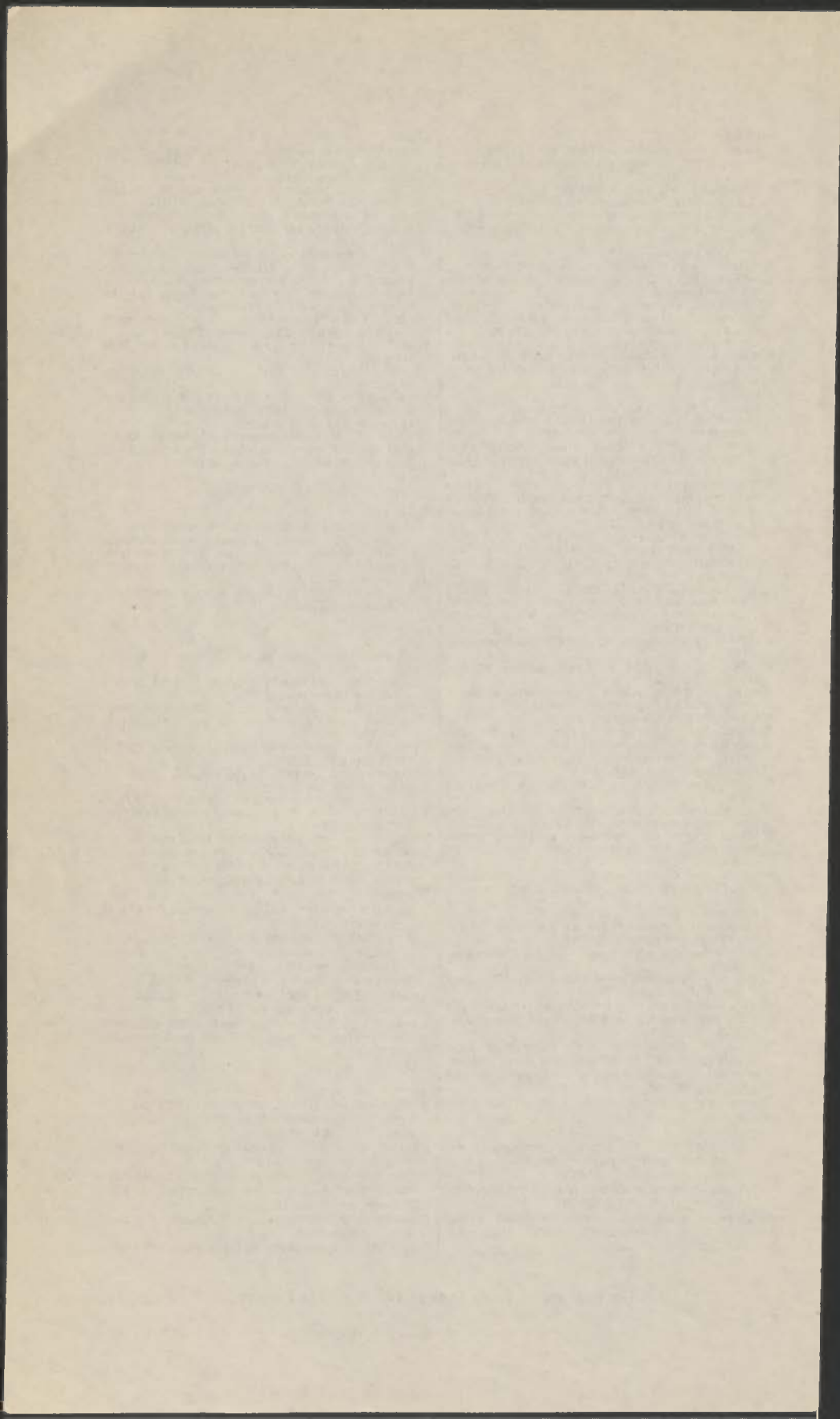
**X-rays :**  
 development of X-ray fluorescence spectroscopy in elemental analysis of particulate matter, evaluation of commercial multiple crystal spectrometer instruments, 31273  
 we want you to know about diagnostic X-rays, 31342

Y

Yachnin, Mara, selling in Greece, 31208  
**Yakima project :**  
 electrical equipment, region 1, field review of maintenance, 31780  
 mechanical equipment, Pacific Northwest region, field review of maintenance, 31782  
 Yarn, spun, production, 1972, current industrial reports, 30848  
 Yellowstone National Park, maps, 31736  
 Yemen (Arab Republic of) :  
 investment guaranties, agreement, 31853  
 Yeomen, yeomen I & C, Navy rate training manual, 31760  
 Yield tables, *see* Volume and yield tables.  
 Yoshikawa, Kenneth K., iterative solution of integral equation for radiative transfer by using variational technique, 31632  
**Youth :**  
 Comprehensive youth opportunities act, hearing, 31017  
 financial assistance for work and training and year-round recreational opportunities, hearing, 31017  
 Runaway youth act, report, 31063  
 Youth centers, *see* Recreation centers.  
 Yugoslavia, investing in, 31204  
 Yuma project, electrical equipment region-3, field review of operation and maintenance, 31785

Z

Zaid, Charles, preliminary inventory of records of Reconstruction Finance Corporation, 1932-64, 31669  
 Zaroni, A. E., phosphorus removal by trickling filter slimes, 31290  
 Zinc, zinc-rich coatings applied to carbon steel, performance characteristics, 31638  
 ZIP code, *see* Post Offices.  
 Zoology, Smithsonian contributions to zoology, 31801-802  
 Zuni Indians, general information, 31483













## GOVERNMENT PRINTING OFFICE BOOKSTORES

In addition to the mail-order service provided by the Office of the Superintendent of Documents, Government Printing Office, there are also 13 retail bookstores outside of Washington, D.C., each of which have in stock approximately 1,000 of our most popular titles. You are invited to stop in any time. The locations of these stores are shown below:

Government Printing Office  
710 North Capitol Street  
Washington, D.C. 20402  
Telephone: Area code 202—783-3238

Forrestal Bookstore  
Room 1—J—001  
James Forrestal Building  
1000 Independence Ave.  
(L'Enfant Plaza)  
Washington, D.C. 20407  
Telephone: Area code 202—426-7937

Department of Commerce, Lobby  
14th and Constitution Avenue NW.  
Washington, D.C. 20230  
Telephone: Area code 202—967-3527

Atlanta Bookstore  
Room 100, Federal Building  
275 Peachtree Street NE.  
Atlanta, Georgia 30303  
Telephone: Area code 404—526-6947

Birmingham Bookstore  
Room 102A, 2121 Building  
2121 Eighth Avenue North  
Birmingham, Alabama 35203  
Telephone: Area code 205—325-6056

Boston Bookstore  
Room G25, John F. Kennedy Federal  
Building  
Sudbury Street  
Boston, Massachusetts 02203  
Telephone: Area code 617—223-6071

Canton, Ohio Bookstore  
Federal Office Building  
201 Cleveland Avenue SW.  
Canton, Ohio 44702  
Telephone: Area code 216—455-8971

Chicago Bookstore  
Room 1463—14th floor  
Everett McKinley Dirksen Building  
219 South Dearborn Street  
Chicago, Illinois 60604  
Telephone: Area code 312—353-5133

Dallas Bookstore  
Room 1C46  
Federal Building—U.S. Courthouse  
1100 Commerce Street  
Dallas, Texas 75202  
Telephone: Area code 214—749-1541

Detroit Bookstore  
Room 229, Federal Building  
231 W. Lafayette Blvd.  
Detroit, Michigan 48226  
Telephone: Area code 313—226-7816

Denver Bookstore  
Room 1421  
Federal Building—U.S. Courthouse  
1961 Stout Street  
Denver, Colorado 80202  
Telephone: Area code 303—837-3965

Kansas City Bookstore  
Room 135, Federal Office Building  
601 East 12th Street  
Kansas City, Missouri 64106  
Telephone: Area code 816—374-2160

Los Angeles Bookstore  
Room 1015, Federal Office Building  
300 North Los Angeles Street  
Los Angeles, California 90012  
Telephone: Area code 213—688-5841

New York Bookstore  
Room 110  
26 Federal Plaza  
New York, New York 10007  
Telephone: Area code 212—264-3826

Philadelphia Bookstore  
U.S. Post Office and Courthouse  
Main Lobby  
Ninth and Chestnut Streets  
Philadelphia, Pennsylvania 19107  
Telephone: Area code 215—597-0677

San Francisco Bookstore  
Room 1023, Federal Office Building  
450 Golden Gate Avenue  
San Francisco, California 94102  
Telephone: Area code 415—556-6657

UNITED STATES  
GOVERNMENT PRINTING OFFICE

PUBLIC DOCUMENTS DEPARTMENT  
WASHINGTON, D.C. 20402

OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U.S. GOVERNMENT PRINTING OFFICE  
375  
SPECIAL FOURTH-CLASS RATE  
BOOK

