# MONTHLY GAZALOG

UNITED STATES

**GOVERNMENT PUBLICATIONS** 

NOVEMBER 1973

Entries 30685-31902



#### 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 (†) is the distribution symbol, application should be made directly to the department or bureau issuing the document.

- \* For sale by Superintendent of Documents
- For sale by National Technical Information Service, Springfield,
   VA 22151
- † Distribution made by Issuing Office. Not definitely available if unaccompanied by a price
- 1 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 3/4 of height
arge 4° over 12 inches high and width more than 3/4 of height
small 4° under 6 inches high and width more than 3/4 of height
3° 8-10 inches in height (size not given in entry except
where publication is narrow or oblong)
arge 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
above 12 inches in height
narrow width less than 3/5 of height
oblong width more than height

# MONTHLY CATALOG



OF UNITED STATES

GOVERNMENT PUBLICATIONS

**NOVEMBER 1973** 

Number 946

Entries 30685-31902

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.

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. ■

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 Qual-

ity.) 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.

Food for fitness, a daily food guide. (Agriculture Department, Leaflet 424.)

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. (Navel Training Command, NAVERA 10058, A.)

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. ●

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.

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 Ethmiid moths (Lepidoptera: Gelechio-idea). (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.

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

Welf Tran Farm Park for the Performing Arts. (National Park Service.) 20c.

Wolf Trap Farm Park for the Performing Arts. (National Park Service.) 20c. I 29.2: W 83/973

# Contents

	Page	
Previews	Ш	
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	
	00	
Index	83	

## **Abbreviations**

ad	ld	addition, addendum,	n. d	
		addenda.	n. p	no place.
A	mdt., amdts	amendment, amend-	no., nos	
		ments.	p	
ar	pp	appendix, appendixes,	p. of pl	
bk	r., bks	book, books.	par., pars	paragraph, para-
ch	nap	chapter, chapters.		graphs.
C	ong	Congress.	pl	plate, plates.
D	ept	Department.	por	portrait, portraits.
de	)C	document.	pt., pts	
fa	csim	facsimile, facsimiles.	rp	report.
fs	7	fiscal year.	S	Senate, Senate bill.
G	H.A	Greenwich hour angle.	S. Con. Res	Senate concurrent resolution.
H	. O D	House concurrent reso-	S. doc	Senate document.
Н	. Con. Kes	lution.	S ex doc	Senate executive docu-
13	. doc			ment.
		House executive docu-	S. ex. rp	Senate executive re-
н	. ex. doc	ment.		port.
E	T Ros	House joint resolution.	S.J. Res	Senate joint resolution.
U	D	House of Representa-	S. Res	Senate resolution.
11		tives, House bill.	S. rp	Senate report.
H	. Res	. House resolution.	sec	section, sections.
H	[. rp	House report.	sess	session, sessions.
41	r. 1 h======	illustration, illustra-	Stat. L	Statutes at large.
11		tions.	8000	supplement.
iı	1	inch, inches.	tab	tables, tables.
16	t	latitude.	Treas	Treasury.
14	ng	longitude.	V	volume, volumes.
71	1	mile.	vs., v	
11		tone for the names of State		

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 ( $\Phi$ ) preceding the price. A black dot ( $\bullet$ ) 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

	Economic Research Service.
A 93.37: date	. FDD field reports.
	Census Bureau
C 56.244/3: date/nos	. Census of manufactures: Special reports, MC-
	(SR) series.
	NOTE.—See, for earlier class, C 3.24/15:(date/nos.).
	Domestic and International Business Administra-
	tion.
C 57.12: date	Overseas trade promotions calendar.
0.57.111	International Commerce Bureau.
C 57.111: nos	Foreign economic trends and their implications
	for United States.  Note.—See, for earlier class, C 42.30; (nos.).
	Engineers Corps.
D 103.58: date	. List of Illinois River terminals, docks, mooring
	locations, and warehouses.
	NOTE.—Issued by St. Louis District, St. Louis,
D 103.58/2: date	List of Mississippi River terminals, docks,
	mooring locations, and warehouses.
	Environmental Protection Agency
EP 1.34/2: nos	Life pass it on, PAO-(series).  Note.—Issued by the Rocky Mountain Prairie Region, Denver, Colorado.
	Region Denver Colorado
EP 1.39: date	Quarterly calendar of environmental meetings.
EP 1.41 : date	Inventory of interstate carrier water supply
	systems.
GA 1.12/2: date	General Accounting Office.
GA 1.12/2. date	Federal financial management directory (annual).
	Aging Administration.
HE 1.211: CT	Patterns for progress in aging.
	NOTE.—See, for earlier class, HE 17.313:(CT).
HE 5 09 /4 . doto	Education Office.
HE 5.92/4: date	Institutions of higher education, index, by
	State and Congressional district. Note.—See, for earlier class, HE 5.250:50060-
THE E OR /F . 3 - 4 .	71.
HE 5.92/5: date	Earned degrees conferred.  Note.—See, for earlier class, HE 5.254:54013-
	(nos.).
HE 5.93/8: date	Statistics of local public school systems, staff.
	NOTE.—See, for earlier class, HE 5.220: 20112-
HE 5.98: date	Digest of educational statistics (annual).
	NOTE.—See, for earlier class, HE 5.210: 10024-
HE 5.99: date	(nos.).  Research and training opportunities abroad,
	educational programs in foreign language
	and area studies.
	NOTE.—See, for earlier class, HE 5.214: 14134-
	National Institute of Mental Health.
HE 20.3809: CT	Crime and delinquency issues, monograph
	series.
	NOTE.—See, for earlier class, HE 20.2420/2:
	(CT).

	Center for Disease Control.
HE 20.7001: date	Annual report.
	NOTE.—See, for earlier class, HE 20.2301: (date).
HE 20.7002: CT	Conoral publications
112 20.1002. 021	NOTE.—See, for earlier class, HE 20.2002.
	(CT). Child Development Office.
HE 21.12: date	Annual report of U.S. Department of Health,
HE 21.12: date	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.
T 00 F1 /0 - C/D	Indians [various subjects].
I 20.51/2: CT	Reclamation Bureau.
I 27.62: CT	Annual operating plans.
1 2(.02. 01	Mines Bureau.
I 28.121 : date	Minor nonmetals, annual advance summary.
	Occupational Safety and Health Administration.
L 35.6/3-3: Reserved	Occupational safety and health: v. 4, Other
L 35.6/3-4: date	regulations and procedures.
	Securities and Exchange Commission.
SE 1.11/2: date	
SE 1.11/2: date	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.
77 0 0 00 1 /3-h-	
Y 3.C 86: 1/date Y 3.C 86: 2 CT	Ceneral publications.
13.0 80:201	National Advisory Council on Extension and Con-
	tinuing Education.
Y 3.Ex 8: 1/date	Report.
Y 3.Ex 8: 2 CT	Congret hilbitcations.
	Presidential Campaign Activities, Select Commit-
	tee on, Senate. Publications.
Y 4.P 92/4: CT	Publications.

# 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 TI) 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
Action	30682
Advisory Commission on Intergovernmental Relations	30687
Agriculture Department	30806
Agricultural Marketing Service	30690
Agricultural Research Service	30603
Agricultural Stabilization and Conservation Service	30894
Animal and Plant Health Inspection Service	20728
Economic Research Service	31215
Farmer Cooperative Service	31312
rood and Nutrition Service	31346
Foreign Agricultural Service	21240
Forest Service	31359
Rural Electrineation Administration	31790
Soil Conservation Service	31816
Statistical Reporting Service	31878
Appalachian Regional Commission	30742
Atomic Energy Commission	20766
Aviation Advisory Commission	30784
Central Intelligence Agency	30865
Civil Service Correlation	30870
Civil Service Commission	30873
Commerce Department	30892
Domestic and International Business Administration	31202
International Commerce Bureau	31501
Maritime Administration	31574
National Oceania and Atmospheri	31673
National Oceanic and Atmospheric Administration	31718
Environmental Data Service	31265
National Marine Fisheries Service	31710
National Ocean Survey	31713
National Weather Service	31727
Patent Office	31748
Social and Economic Statistics Administration	31763
Census Bureau	0.0700
Economic Analysis Bureau	30189
Congress	20007
Atomic Energy Joint Committee	20027
Economic Joint Committee	30030
House of Representatives	20041
Agriculture Committee	21007
Appropriations Committee	21000
Banking and Currency Committee	21012
	01010

Congress—Continued	eginning
House of Representatives—Continued	entry
Committees, Select Committee on	
Education and Labor Committee	
Foreign Affairs Committee	
Government Operations Committee	
Interior and Insular Affairs Committee	
Interstate and Foreign Commerce Committee	
Merchant Marine and Fisheries Committee	
Post Office and Civil Service Committee	
Public Works Committee	
Science and Astronautics Committee	
Ways and Means Committee	
Reduction of Federal Expenditures Joint Committee	
Senate	_ 31045
Aeronautical and Spaces Sciences Committee	_ 31121
Aging, Special Committee on	_ 31122
Agriculture and Forestry Committee	
Appropriations Committee	_ 31124
Armed Services Committee	_ 31132
Banking, Housing, and Urban Affairs Committee	_ 31134
Commerce Committee	_ 31137
Finance Committee	
Foreign Relations Committee	_ 31141
Government Operations Committee	_ 31142
Interior and Insular Affairs Committee	
Judiciary Committee	
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	
Environmental Protection Agency	
Air and Water Programs Office	
Pesticides Programs Office	
Water Program Operations Office	

В	eginning entry
Federal Reserve System Board of Governors	_ 31339
Federal Trade Commission	
General Accounting Office	
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 Health Services and Mental Health Administration	31342
Community Health Service.	20000
Health Maintenance Organization Service	21/08
Maternal and Child Health Service	21575
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	
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	
National Institute of Neurological Diseases and Stroke	
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	01101
Sport Fisheries and Wildlife Bureau	31826
Geographic Names Board	
Geological Survey	31393
Indian Affairs Bureau	31443
Land Management Bureau	31568
Mines Bureau	
National Park Service	
Reclamation Bureau	
oint Publications Research Service	31516

	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	31509
Copyright Office	31101
National Advisory Commission on Criminal Justice Standards and Goals	S 31999
National Advisory Committee on Oceans and Atmosphere	21601
National Advisory Council on Extension and Continuing Education	21602
National Aeronautics and Space Administration	91695
National Commission on Materials Policy	21698
National Credit Union Administration	51000
National Foundation on the Arts and the Humanities	21687
National Endowment for the Humanities	31704
National Labor Relations Board	31738
National Science Foundation	31766
President of United States	01.00
Executive Office of the President  Cost of Living Council	31171
Cost of Living CouncilCouncil on Environmental Quality	31174
Securities and Exchange Commission	31792
Small Business Administration	31793
Smill Business Administration	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	3134.1
Federal Highway Administration	31319
Motor Carrier Safety Bureau	31596
Federal Railroad Administration	
Safety Office	31791
National Transportation Safety Board	31742
Treesury Dengriment	91000
Alcohol Tohacco and Firearms Bureau	30131
Internal Revenue Service	31900
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

30686 4000.10. Directory of college student volunteer programs, academic year 1972-73. [June 1973.] [1] + Hi+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

[Fresh fruit and vegetable unloads] FVUS (series). † • Item 19-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.)

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-CC14, and CC14-CS2 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. 40 † A 77.15; NC-6

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

Page 1

## 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" (Agricultural A 82.77: 972-73 Stabilization and Conservation Service.) †
- 30695 Pesticide review, 1972 [report by Emergency Preparedness Division; prepared by D. Lee Fowler, John N. Mahan]. [June 1973.] vi+58 p. 46 †

## AGRICULTURE DEPARTMENT Washington, DC 20250

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

- A 1.107: (nos.) Agricultural economic reports. • Item 42-C
- 30696 30697
- 242. Increasing impact of Federal estate and gift taxes on farm sector present law and proposed changes; [by W. Fred Woods]. [July 1073.] iv + 16 p. 4° (Economic Research Service.) Paper 30c. (S/N 0119-00280).

  243. Effects of alternative marketing margins for beef and pork; [by Richard Crom and Lawrence Duewer]. [Aug. 1973.] v + 21 p. il. 4° (Economic Research Service.) †
  - A 1.9: (nos.) Farmers' bulletins. • Item 9
- 2171. How to control a gully; [by C. J. Barnes.] [Revised June 1973.] [1973.] 15 p. il. ([Soil Conservation Service.]) Paper, 25c. (S/N 0100-30698 15 p. 02824).
- 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. 30699
  - A 1.77:(nos.) Home and garden bulletins. • Item 11
- 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 0100-30700
- 30701
- 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).
   Controlling chiggers; [prepared by Northeastern Region, Agricultural Research Service.] [Dec. 1967, slightly revised Aug. 1973.] [1973.] 12 p. il. [Supersedes Leadlet 403, Chiggers, how to fight them.] \* Paper, 25c. (S/N 0100-02949). 30702
- search Service.] [Dec. 1361, Sugarty Peviseu Aug. 1763.] [1773 30703
- 199. Growing illacs [prepared by Plant Genetics and Germplasm Institute, North-eastern Region, Agricultural Research Service]. [Aug. 1973.] ii+10 p. ii. Paper, 20c. (S/N 0100-02791). 30704
- 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).
- 206. Growing bonsai; [prepared by Henry M. Cathey]. [Aug. 1973.] 21 p. il. ([Agricultural Research Service.]) Paper, 30c. (S/N 0100-02772). 30706 A 1.82:(nos.)
- † Item 13-B Marketing research reports. 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° (Economic Research Service.) 30707
- 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° (Economic Research Service.) [Prepared in cooperation with Cornell and Purdue Universities.]
  - Miscellaneous publication.
- 1273. Regional agricultural research, quarter century of achievement through cooperative endeavor 1947-72. May 1973, iv +40 p. il. 4° (Cooperative cooperative endeavor 1947-72. May 1973, iv +40 p. il. 4° (Cooperative State Research Service.) [Prepared in cooperation with State Agri-State Research Service.] \* Paper, 30709 cultural Experiment Stations. Some illustrations are colored.]
  95c. (S/N 0100-02793). Item 13-A A 1.38: 1273

	PA [P	rogram aid	] (series)	. • Item	14-A		A 1.	68:(nos.)
30710	920.	Regulations sites and	governing areas. [S	occupancy ept. 1969,	and use slightly	of national revised July	forest 1973.]	recreation [6] p. il

(Forest Service.)

narrow 8° (Forest Service.) †

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.] †

1037. National forest vacations. [June 1973.] [2]+54+[1] p. il. 4° (Forest Service.) [Supersedes FS-50.] \* Paper, 90c. (S/N 0100-02833).

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.] †

1057. It's good food, keep it safe; [by Evelyn Spindler]. [Aug. 1973.] [6] p. il. narrow 8° (Extension Service.) † 30711

30712

30713

30714

Picture story.

266. And wheat goes on, July 1973. [2] p. il. fo folded into oblong 80 size. (Agricultural Marketing Service.) † A 1.100: 266 30715

Production research report.

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 1.84:15

Science study aid.

8. Farming in classroom, teacher's guide [with bibliography]. [1973.] 15+[
+14 p. il. 4° (Agricultural Research Service.) [Includes supplement
of Farming in classroom workbook, pt. 1-14.] \* Paper, 85c. • Item 14-[1973.] 15+[1] Îtem 14-B A 1.104:8

Statistical bulletin.

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.) 30718 L.C. card 73-602808

Technical bulletin.

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.] 30719 Item 16 A 1.36: 1482

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

EP 4.9: (nos.) Publication AP-(series). • Item 483-E

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. 30720

126. Air pollution aspects of emission sources; Primary lead production, bib-liography with abstracts. June 1973. v+29 p. 4° (Office of Air Quality Planning and Standards; Air Pollution Technical Information Center.) 30721 \* Paper, 65c.

Publication APTD-(series).

EP 4.9/2:(nos.)

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(Price upon application).

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(Price upon application). 30722

30723 tion)

1466. 30724

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.] & (Price upon application). 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.] & (Price upon application) 30725 1467

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

#### Publication APTD-Continued

In APTD—Continued

Exhaust emissions from uncontrolled vehicles and related equipment using internal combustion engines, final report: pt. 4. Small aircooled spark ignition utility engines [with list of references]; by Charles T. Hare, Karl J. Springer. May 1973. [109] leaves, 11. 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.] Φ(Price upon application).

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° Φ(Price upon application). 30728 1493.

30727 1523.

application).

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.) φ(Price upon application). 30728 1553.

#### 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.)

72-20. Automated apprenticeship training (AAT), systematized audio-visual approach to self-paced job training [with list of references]; by William J. Pieper [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

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. 30730

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).

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 30732 D 301.7: 25-5/2

Air Force Systems Command pamphlet AFSCP (series).

800-3. Acquisition management, guide for program management, May 14, 1971, Change 1. Feb. 15, 1972. [38] p. il. 4° [Issued with perforations.] 30733 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

# 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: F31

# 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 performations.] † 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.  $\,\,$  † X 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.  $\dagger$  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.]

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. 11. 40 † 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.

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

 Sent to Depository Libraries

Page 5

# ARMY DEPARTMENT, Defense Dept. Washington, DC 20310

AMC pamphlet. (Army Materiel Command.)

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.] tem 322-A D 101.22/3: 310-2 30750

D 101.20: (nos.) Field manual FM (series.) ‡ • Item 324

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.]

55-15. Transportation reference data, Feb. 23, 1968, Change 3. Aug. 30, 1973. [1]+92 p. il. 4° 1-50. 30751

30752

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

105-2. Communications-electronics management of electromagnetic spectrum [with bibliography]. July 1973, cover title, [63] p. il. 4° [Issued with perforations.] 30753

550-85. Area handbook for Libya [with bibliography]; by Richard F. Nyrop fand 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. 30754

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).

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 30756

30757 Today's Army want to join you. [Aug. 1973.] cover title, [32] p. il.  $4^{\circ}$ on p. 3 of cover. Illustrations are colored.] † • Item 325 D 101.2: Ar 5/13/973

USAAMRDL technical reports. (Eustis Directorate, U.S. Army Air Mobility Research and Development Laboratory, Fort Eustis, Va.) ‡ D 117.812: (nos.)

30758

30759

72-61. Crashworthy landing gear study [with list of literature cited]; by Norman S. Phillips, Richard W. Carr and Richard S. Scranton. Apr. 1973. [1] + xvl + 193 + [1] p. ll. 4° [Project 1F162203A529, contract DAAJ02-70-C-0055; prepared by Beta Industries, Inc. Dayton, Ohio.]
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. [1ask. 1F162203A52902, contract DAAJ02-71-C-0066; prepared by Lockheed-California Company, Burbank, Calif.]
v. 1. Computerized unsymmetrical mathematical simulation and experimental verification for hel copter crashworthiness in which multi-directional impact forces are present. [1] + xxi + 206 + [1] p. ll. 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°
73-2. Investigation of suction system and boundary-layer characteristics on high-lift, BLC L-19 test aircraft [with list of literature cited]; by [Task 1F162204A14234, contract DAAJ02-67-C-0016, Prepared by Department of Aerophysics and Aerospace Engineering, Mississippi State University, State College, Miss.] 30760

73-6. Investigation of aircraft gas turbine combuster 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]+11+675+[2] p. il. 4° [Task 1G162207AA7102, contract DAAJ02-72-C-0005; prepared by Detroit Diesel Allison, Division of General Motors Corporations, Indianolis, Ind.] 30761

73-11. Vibration effects on helicopter reliability and maintainability [with list of literature cited]; by Angelo C. Veca. Apr. 1973. xiii+127+[2] p. ii. 4° [Project 1F163204DB38, contract DAAJ02-71-C-0037; prepared by Sikorsky Aircraft Division, United Aircraft Corporation. Stratford, Conn.1 30762

- 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 a	nd development reports. Y 3 At 7: 22/(letters-nos.)
30766	ARCU-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.) 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.] © 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. vili+500 p. il. (AEC symposium series 29; Office of Information Services.) \$\phi\$ 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.] \$\Phi\$ Paper, \$27.20 per set (2 vols.) [v. 1.] cover title, xxxvi+[2]+1-714 p. il. 49 [v. 2.] cover title, iv+775-1392 p. il. 49
30770	CONF-730402.	Proceedings of 10th rare earth research conference, Apr. 30—May 3, 1973, Carefree, Ariz. [1973.]    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+571-636i+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. 11. 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.] $\Phi$ Paper, \$5.46.
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° & 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.

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

	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.] & Paper, \$7.60.
30776	TID-26300.	Issuances of Atomic Energy Commission and Atomic Safety and Licensing Boards, July-Dec. 1972. July 1973. v+[2]
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.
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. • Item 1051-C
30779	WASH-1223.	Evaluation of gas cooled fast reactor [with list of references]. Sept. 1972. cover title, [2]+11+46 p. il. 4° (Division of Reactor Development and Technology.) [Prepared for Federal Council on Science and Technology R&D Goals Study.]
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. 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. 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. 11. 4° (Contract AT (49-5)-3011.)  * Paper, \$3.60.  Item 1051-C
30783		At research frontier: Goals and achievements in high energy physics. June 1973. cover title, [3] + 24 p. II. (Division of Physical Research.) * Paper, 35c. • Item 1051-C
		AVIATION ADVISORY COMMISSION

## 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).

• Item 1089
L.C. card 73-601215

Y 3.Av 5: 1/973

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

		Washington, DC 20553
		FAA AM (series). $\Phi$ Paper, \$3.00 each TD 4.210: (nos.)
6.0	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. Subile 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. Ikevzin. 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.]

• Item 152

L.C. eard 72-600847

# CENSUS BUREAU, Commerce Dept. Suitland, MD 20233

1969 census of agriculture: v.2, General reports. ([Agricultural Division.])

C 56.227/3: 969/v.2/chap. (nos.)

	210. tara (2 00001)
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	*Paner \$1.25 *Paner \$1.25
30793 30794	chap. S. Type of farm, June 1973, iii + 287 n ii 40 * Paner \$2.20
	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
30796	South Francis W. 1.20.
30797	cover title, iv+74+32 p. il. 4° * Paper, \$1.25.  16. Washington, D.CMDVA., 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 Division.])
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. ([Population 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
30801	pt. 23. Massachusetts. Feb. 1973. vi+1243+62 p. il. 4° * Cloth, \$11.00. • Item
30802	pt. 27. Missouri. Mar. 1973. vi+1071+62 p. il. 4° * Cloth, \$10.00. ● Item
30803	pt. 44. Tennessee. Feb. 1973. vi+1164+62 p. il. 4° * Cloth, \$10.25. • Item
30804	pt. 51. Wisconsin, Mar. 1973. vi+1072+62 p. il. 4° * Cloth, \$10.00. • Item
	1970 census of population: Subject reports, PC(2)-(series). ([Population Division.]) ● Item 159  L.C. card 72-600036  C.3 223/10: 970/y 2/nos
30805	1D. Persons of Spanish surname. June 1973. vii+122+24 p. il. 40 * Paper
30806	1F. American Indians, June 1973, cover title, xvi+192+24 p. il 40 * Paper
30807	\$2.60.  1G. Japanese, Chinese, and Filipinos in United States. [July 1973.] xi+181 p.  11. 4° * Paper, \$2.60.
30808	on Suprofuent Status and Work experience Apr 1072 vill491 1 91 v 40
30809 30810	*Paper, \$4.55. 6E. Veterans. June 1973. ix + 199 + 24 p. il. 4° * Paper, \$2.60. 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
177	1972 census of transportation, National travel survey, TC 72-N (series).

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

([Transportation Division.])

30812

- 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.)
- Alaska. July 1973. [23] p. il. 4° \* Paper, 35c.
   Maryland. July 1973. [23] p. il. 4° \* Paper, 35c.
   Oklahoma. July 1973. [23] p. 4° \* Paper, 35c. 30813
  - 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.
- 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 C 56.243/2: C 83/972 L.C. card 52-4576
  - County business patterns, 1972, CBP (series). ([Economic Statistics and Surveys Division.]) [Prepared with assistance of Social Security Administration.] • Item 133-A C 56.233: (nos.) L.C. card 49-45747
- L.C. card 49-45747

  72-9. Delaware. [July 1973.] cover title, [2]+31 p. il. 4°
  72-11. Florida. [July 1973.] cover title, [2]+131 p. il. 4°
  72-16. Indiana. [July 1973.] cover title, [2]+145 p. il. 4°
  72-19. Kentucky. [July 1973.] cover title, [2]+107 p. il. 4°
  72-20. Louisiana. [July 1973.] cover title, [2]+77 p. il. 4°
  72-22. Maryland. [July 1973.] cover title, [2]+77 p. il. 4°
  72-24. Michigan. [July 1973.] cover title, [2]+147 p. il. 4°
  72-26. Mississippl. [July 1973.] cover title, [2]+77 p. il. 4°
  72-27. Missouri. [July 1973.] cover title, [2]+127 p. il. 4°
  72-28. Nesversey. [July 1973.] cover title, [2]+127 p. il. 4°
  72-31. New Hampshire. [July 1973.] cover title, [2]+128 p. il. 4°
  72-32. New Jersey. [July 1973.] cover title, [2]+123 p. il. 4°
  72-34. New York. [July 1973.] cover title, [2]+159 p. il. 4°
  72-35. North Carolina. [July 1973.] cover title, [2]+159 p. il. 4°
  72-37. Ohio. [July 1973.] cover title, [2]+198 p. il. 4°
  72-39. Oregon. [July 1973.] cover title, [2]+201 p. il. 4°
  72-40. Pennsylvania. [July 1973.] cover title, [2]+201 p. il. 4°
  72-40. Pennsylvania. [July 1973.] cover title, [2]+201 p. il. 4°
  72-40. Pennsylvania. [July 1973.] cover title, [2]+201 p. il. 4°
  72-40. Pennsylvania. [July 1973.] cover title, [2]+201 p. il. 4°
  72-40. Pennsylvania. [July 1973.] cover title, [2]+201 p. il. 4°
  72-40. Pennsylvania. [July 1973.] cover title, [2]+201 p. il. 4°
  72-40. Paper, \$3.50.
  72-45. Texas. [July 1973.] cover title, [2]+246 p. il. 4°
  72-47. Paper, \$3.50. 30818 30819 30820 30821 30822 30823
- 30824 30825 30826 30827 30828 30829
- 30830 30831 30833 30834
- 30835
- 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 C 56.216: MA-22 S (72)-1 142-A
- Clay construction products, summary for 1972; [prepared in Industry Division]. Aug. 1973. 7 p. il. 4° (Series M32D(72)-13.) † Paper, 15c. 30839 C 56.216: M 32 D (72)-13 • Item 142-A
- Closures for containers, summary for 1972; [prepared in Industry Division]. Aug. 1973. 8 p. 4° (Series M34H(72)-13.) † Paper, 15c. 30840 C 56.216: M 34 H (72)-13
- Fluorescent lamp ballasts, summary for 1972, Change sheet; [prepared 30841 in Industry Division]. Aug. 1973. 2 p. 4° (Series MQ-36C(72)-5.) † C 56.216: MQ-36 C (72)-5/ch. ● Item 142-A
- Internal combustion engines, 1972; [prepared in Industry Division]. Aug. 1973. [2]+11 p. 4° (Series MA-35 L (72)-1.) † Paper, 25c. C 56.216: MA-35 L (72)-1 ● Item 142-A

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

- 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
- Office computing, and accounting machines, 1972; [prepared in Industry Division]. [1973.] 8 p. 4° (Series MA-35R(72)-1.) † Paper, • Item 142-A C 56.216: MA-35 R (72)-1
- 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-35J (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
- Steel mill products, 1972; [prepared in Industry Division]. Aug. 1973. [2] +27 p. 4° (Series MA-33B(72)-1.) † Paper, 25c. • Item 142-A Ĉ 56.216: MA-33 B (72)-1
- Stocks of wool and related fibers, 1972; [prepared by Industry Division]. July 1973. 4 p. 4° (Series MA-22M(72)-1.) † Paper, 25c. 30850 • Item 142-A C 56.216: MA-22 M (72)-1
- 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 30851 \_
  - 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.
- 45. Persons in engineering, scientific, and technical occupations, 1970 and 1972.

  July 1973. cover title, i+28 p. 4° [Issued with perforations.] \* Paper,

  55c. Item 142-C C 56.218: P-23/45 30852
  - 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 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.
  46. Estimates of population of Florida counties. July 1, 1971 and July 1, 1972.
  July 1973. 4 p. 4° \* Paper, 25c. 30854
- 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
- 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
- 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

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

- We the Americans (series), ([Public Information Office.]) [Reports from C 56.234:(nos.) • Item 146-H 1970 census.]
- We, Americans, Mexican Americans, Puerto Ricans, Cuban Americans, Americans from Central America, Americans from South American, June 1973.] 19 p. il. 4° [Spanish and English.] \*Paper, 45c. (8/N 0324-00043). Our education. [June 1973.] 15 p. il. 4° \*Paper, 40c. (8/N 0324-00043). We the Americans, the work we do. [June 1973.] 14+[1] p. il. 4° \*Paper, 40c. (8/N 0324-00043). 30858
- 30860
- 30861
- 40c. (S/N 0324-00043) We the American elderly. [June 1973.] 15 p. il. 4° \* Paper, 40c. We, the first Americans. [June 1973.] 18+[1] p. il. 4° \* Paper, 45c. (S/N 0324-00043). We the American foreign born. [June 1973.] 15 p. il. 4° \* Paper, 40c. (S/N
- 15. We 20863 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-PrEx 3.10/4: Si 6 A-1

#### 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 Oppor-\* Paper, \$2.60 (S/N 1792-00011). • Item 454-C-1 tunity.] 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. • Item 445-N-4 HE 21.211: H 75 1973. [3]+27 p. 4° +
- 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 HE 21.202: D 33 L.C. card 73-602398

#### 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

- 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 C 31.253: 973/v.1 application).
- 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 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 super-CS 1.26: 967/411/rev.-3/amdt. sedes all previous amendments.] †
- 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
- On incentive awards program. [May 1973.] [6] p. il. narrow 8° \* Paper, 20c. (S/N 0600-00711).
   On displaced employee program. [June 1973.] [6] p. il. narrow 8° \* Paper, 20c. (S/N 0600-00708). 30879

#### Federal personnel manual FPM supplement.

- 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 30880
- 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
- 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.] \* Pa-
- per, 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

CS 1.26/4: 968/WA 8-07/rev.

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

Page 13

- 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. CS 1.41/4: 512-1/trans.23/WG-3414 (S/N 0600-00696).
- 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). OS 1.41/4: 512-1/trans.23/WG-4714 CS 1.48: (letters-nos.)
- Item 299 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). 30887
- nployee training in Federal service, fiscal year 1972. [1973.] cover title, [3]+ii+107 p. il. 4° (Bureau of Training.) \* Paper, \$1.30. 30888
- 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. CS 1.7/4: L 11 • Item 296-B
- 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 CS 1.2: Un 3/2/972 (S/N 0600-00709). • Item 295

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

Oceanographic report.

56. Oceanographic of Grand Banks region of Newfoundland and Labrador Sea. in 1970, Apr.—Oct. 1970 [with list o freferences; by] Robert Erwin Ettle [and] Thomas Wolford. June 1972. viii+280 p. ll. 4" (CG 373-56; [Coast Guard Oceanographic Unit].) ↑ ● Item 940-B TD 5.18; 56 30891

## 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 C 1.18: 1) 43-19 York, N.Y., Aug. 9, 1973. 1973. 12 p. 4°
- 30893 Address by Under Secretary of Commerce, John K. Tabor, prepared for delivery before Oceans and National Development Conference, Seattle, C1.18: T11 Wash., July 18, 1973. [1973.] 17 p. 4°
- 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.)

73-12. Analysis and representation of daily departures of foF2 from monthly median (with list of references; by Willim 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 30895

## 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 United, 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.] HE 20.2558: Am 1 ● Item 512-E-2

#### 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.

pt. 2. Jan. 26-Feb. 2, 1972. [1] + 1241-2440 p. 4° \* Cloth, \$12.95 30897

X.92/2:118/pt.2

Page 15

#### Congressional serial set

NOTE.—During each session of Congress the House and Senate documents and reports are accumulated into bound volumes comprising the Congressionl 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:

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

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

30901

30903

30904

30905

30906

36.00 per session, \$9.00 additional for foreign mailing; single copies vary in price.
14. H.R. 5446, act to extend Solid waste disposal act, as amended, for one year. Approved Apr. 9, 1973. 1 p. \*Paper, 10c.
15. H.R. 5445, act to extend Clean air act, as amended, for 1 year. Approved Apr. 9, 1973. 1 p. \*Paper, 10c.
16. H.J. Res. 5, joint resolution requesting the President to issue proclamation designating week of April 23, 1973 as Nicolaus Copernicus Week marking quinquecentennial of his birth. Approved Apr. 9, 1973. 1 p. \*Paper, 10c.
17. H.R. 3577, act to provide extension of interest equalization tax, and for other purposes. [Approved Apr. 10, 1973.] 10 p. \*Paper, 15c.
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.
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.
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.
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.
22. S. 349 act to amend Rurel electrification act of 1908 as amended. 30907 Paper, 10c.

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, 30908

30909

30910

the act, and for other purposes. [Approved May 11, 1973.] 6 p. \* Paper, 15c.

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.

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.

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.

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.

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. 30911

30912

30913

10c, 38. S.J. Res. 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. \* Pa-30914

per. 10c. 39. H.R. 6077, act to permit immediate retirement of certain Federal employees. Approved June 12, 1973. 1 p. \* Paper, 10c. 30915

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

- 40. S. 1235, act to amend Public law 90-553 authorizing additional appropriation for International Center for Foreign Chanceries. Approved June 12, 1973. 30916 1 p. \*Paper, 10c.
  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. 30917
- 30918 30919
- Jacques Marquette and Louis Jolliet in 1673. Approved June 14, 1973. 1 p.

  \* Paper, 10c.

  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.

  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.

  47. H.R. 5610, act to amend Foreign Service buildings act. 1926, to authorize additional appropriations, and for other purposes. [Approved June 22, 1973.1 2 p. \* Paper, 10c.

  48. H.R. 4682, 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. 30920
- 30921
- \*Paper, 10c.

  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, 30922
- 30924
- 30925
- 30927
- 30928
- 49. H.R. 5293, act to authorize additional appropriations to carry out Peace Corps act, and for other purposes. Approved June 25, 1973. I p. \* Paper, 10c.
   51. S. 1886, act to authorize appropriations for saline water program for fiscal year 1974 and for other purposes. Approved July 1, 1973. 2 p. \* Paper, 10c.
   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.
   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.
   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.
   56. H.J. Res. 499, joint resolution providing for extension of term of Commission Dankruptcy Laws of United States, and for other purposes. Approved July 1, 1973. 1 p. \* Paper, 10c.
   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.
   58. H.R. 7837, 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.
   59. 8. 1972, act to further amend United States information and educational exchange act of 1948. Approved July 6, 1973. 1 p. \* Paper. 10c.
   60. S. 1994, act to authorize appropriations to Atomic Energy Commission in accordance with sec. 261 of Atomic energy act of 1964, as amended, and for other purposes. [Approved July 6, 1973.] 2 p. \* Paper, 10c.
   30929
- 30930
- 30931

- 30934
- 30935
- 30936

# 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). Y 4 At 7/2: En 2/2 L.C. card 73-602724

#### 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). Y 4.Ec 7: Ex 2 L.C. card 73-602698

- 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

  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 30940

#### 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

#### 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.

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.) 30942

House documents, 81st Congress.

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.) 30943

House documents, 92d Congress.

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) 30944

House documents, 93d Congress.

- 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.) 30945
- 30946
- Pederal 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 Supplemental appropriations, fiscal year 1973, communication from President of United States transmitting proposed supplemental appropriations; Mar. 28, 1973. [1978.] 28 p. † •Item 996 30947 70.
- 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 30948 89.
- 30949
- 30950 91.
- 30951
- 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 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 Proposed supplemental appropriations; Apr. 30, 1973. [1973.] 2 p. † Item 996 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
  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.] 1vi+1020 p. il. 4° [Statistical abstract supplement.] \*(Available in departmental edition, Cloth, \$12.50, 30817.) 30951A 93.

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

30952	House documents, 93d Congress—Continued 98. Draft of proposed legislation providing for disaster assistance, and for other purposes, message from President of United States transmitting
30953	<ul> <li>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</li> <li>101. 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 in departmental edition and sent to depositories in that form. See Entry policy 12/245   † # Item 996</li> </ul>
30954	in departmental edition and sent to depositories in that form. See Entry no. 31245.] † • Item 996  104. Amendments to budget, fiscal year 1974, communication from President of United States transmitting proposed amendments; May 23, 1973. [1973.]
	United States transmitting proposed amendments; May 23, 1973. [1973.] 3 p. † • Item 996 3 p. † • Item 996 4 paper and appropriation for legislative branch, fiscal year
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 996 115. Audit of Overseas Private Investment Corporation for fiscal year 1972, letter from Comptroller General transmitting report; June 14, 1973. 1973.
30957	115. Audit of Overseas Private Investment Corporation for fiscal year 1312, letter from Comptroller General transmitting report; June 14, 1973, 1973, vi+36 p. † • Item 996
30958	<ul> <li>v1+30 b. 7</li> <li>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.)</li> <li>v. 1. ix+1-680+xl p. Paper, \$3.45 (S/N 5271-00350).</li> <li>v. 2. ix+681-1269+xl p. Paper, \$3.20 (S/N 5271-00351).</li> <li>124. Proposal to consider amendments to request for appropriations, communication from President of United States transmitting proposal; July 10, 1973.</li> </ul>
30959	124. Proposal to consider amendments to request for appropriations, communication from President of United States transmitting proposal; July 10, 1973.
30960	125. 2d supplemental appropriation act of 1973, message from President of United States returning without approval H.R. 7447; June 27, 1973. 1975.
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
30962	+33 p. † • Item 996  138. Program for reform of our financial system, message from President of United States transmitting program; Aug. 3, 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 Rule
30964	<ul> <li>236. Providing for consideration of H.R. 6458. Report from Committee on Rule to accompany H. Res. 415. May 30, 1973. 1 p.</li> <li>237. Providing for consideration of H.R. 7357. Report from Committee on Rule to accompany H. Res. 416. May 30, 1973. 1 p.</li> <li>238. Providing for consideration of H.R. 7724. Report from Committee on Rule to accompany H. Res. 417. May 30, 1973. 1 p.</li> <li>271. Providing for consideration of H.R. 5094. Report from Committee on Rule to accompany H. Res. 433. June 12, 1973. 1 p.</li> <li>272. Providing for consideration of H.R. 5464. Report from Committee on Rule to accompany H. Res. 434. June 12, 1973. 1 p.</li> <li>273. Providing for consideration of H.R. 7824. Report from Committee on Rule to accompany H. Res. 435. June 12, 1973. 1 p.</li> <li>274. Providing for consideration of H.R. 8152. Report from Committee on Rule to accompany H. Res. 436. June 12, 1973. 1 p.</li> <li>274. Providing for consideration of H.R. 8152. Report from Committee on Rule to accompany H. Res. 436. June 12, 1973. 1 p.</li> </ul>
30965	238. Providing for consideration of H.R. 7724. Report from Committee on Rule
30966	271. Providing for consideration of H.R. 5094. Report from Committee on Rule
30967	272. Providing for consideration of H.R. 5464. Report from Committee on Rule to accompany H. Res. 434. June 12, 1973. 1 p.
30968	273. Providing for consideration of H.R. 7824. Report from Committee on Rule to accompany H. Res. 435. June 12, 1973. 1 p.
30969	274. Providing for consideration of H.R. 8152. Report from Committee on Rule to accompany H. Res. 436, June 12, 1973. 1 p.
30970	276. Providing for consideration of H.R. 8410. Report from Committee on Rule to accompany H. Res. 437, June 12, 1973. 1 p.
30971	277. Providing for consideration of H.R. 290. Report from commerce of the to accompany H. Res. 438, June 12, 1973, 1 p.
30972	<ul> <li>274. Providing for consideration of H.R. 8152. Report from Committee on Rule to accompany H. Res. 436, June 12, 1973. 1 p.</li> <li>276. Providing for consideration of H.R. 8410. Report from Committee on Rule to accompany H. Res. 437. June 12, 1973. 1 p.</li> <li>277. Providing for consideration of H.R. 2990. Report from Committee on Rule to accompany H. Res. 438, June 12, 1973. 1 p.</li> <li>278. District of Columbia appropriation bill, 1974. Report together with additional views from Committee on Appropriations to accompany H.R. 8658. June 1: 1973. 33 p.</li> </ul>
30973	279. Extension of service contract act to Canton Island. Report from Open Contract act to Canton Island. Report from 1973. 3 p. on Education and Labor to accompany H.R. 5157, June 14, 1973. 3 p. on Education and Labor to accompany H.R. 5157, June 14, 1973. 3 p.
30974	280. Authorizing appropriations for Atomic Energy Committee on Atomi 1974. Report together with separate views by Joint Committee on Atomi Penergy to accompany H.R. 8662; June 14, 1973, 1973, ii+52 p. Energy to accompany H.R. 8662; June 14, 1973, 1973, ii+52 p.
30875	281. Control of certain overseas memoriais. Report from Committee of vectors.  Affairs to accompany H.R. 3733. June 14, 1973. 8 p.
30976	283. Authorizing the President to appoint vice Adm. Hymni G. Rickovi, 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	June 15, 1973. 47 p.
30978	June 15, 1973. 47 p.  287. War powers resolution of 1973. Report together with minority and suppl mental views from Committee on Foreign Affairs to accompany H.J. Re 542, June 15, 1973. 20 p.

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.
298. Tax treatment of survivor benefit plans of uniformed services. Report from Committee on Ways and Means to accompany H.R. 4200. June 20, 1973. 30979 298. Tax treatment of survivor orders place to Committee on Ways and Means to accompany H.R. 4200. June 20, 1973. 7 p.
299. Federal Financing Bank act of 1973. Report from Committee on Ways and Means to accompany H.R. 5874. June 20, 1973. 10 p.
300. Providing for increasing amount of interest paid on permanent fund of United States Soldlers' and Airmen's Home. Report from Committee on Armed Services to accompany H.R. 8528. June 20, 1973. 8 p.
305. Departments of Labor, and Health, Education, and Welfare, and related agencies appropriation bill, 1974. Report from Committee on Appropriations to accompany H.R. 8877. June 21, 1973. 89 p.
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.
307. Suspension of duties on certain forms of copper. Report from Committee on Ways and Means to accompany H.R. 2323. June 21, 1973. 3 p.
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.
310. Suspension of duty on caprolactam monomer. Report from Committee on Ways and Means to accompany H.R. 6394. June 21, 1973. 3 p.
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.
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.
328. Continuing appropriations, 1974. Report from Committee on Appropriations to accompany H.J. Res. 636, June 25, 1973. 3 p. 30981 30982 30983 30984 30985 30987 30988 30989 from Committee on Appropriations to accompany H.R. 8947. June 25, 1973. 81 p.

328. Continuing appropriations, 1974. Report from Committee on Appropriations to accompany H.J. Res. 636. June 25, 1973. 3 p.

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.

348. Flexible GI interest rate authority in VA. Report from Committee on Veterans' Affairs to accompany H.R. 8949. June 28, 1973. 5 p.

353. NASA authorization of appropriations for fiscal year 1974. Conference report to accompany H.R. 7528. June 28, 1973. 12 p. [Corrected print.]

367. Department of State appropriations authorization act of 1973. Conference report to accompany H.R. 7645. July 10, 1973. 16 p.

368. Veterans health care expansion act of 1973. Report from Committee on Veterans' Affairs to accompany H.R. 9048. July 10, 1973. 69 p.

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.

371. Providing for consideration of H.R. 8547. Report from Committee on Rules to accompany H. Res. 484. July 11, 1973. 1 p.

372. Providing for consideration of H.R. 8606. Report from Committee on Rules to accompany H. Res. 485. July 11, 1973. 1 p.

389. Amending International economic policy act of 1972. Conference report to accompany S. 1636. July 23, 1973. 4 p. [Corrected print.]

414. Amending sec. 28 of Mineral leasing act of 1920 and authorizing trans-Alaska oll 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.] 30991 30995 30996 31000 [Corrected print.] 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. 1973. iii+36 p. 416. Making appropriations for District of Columbia government for fiscal year ending June 30, 1974. Conference report to accompany H.R. 8658. July 30, 31002 1973. 9 p. 418. Flexible interest rates. Conference report to accompany H.R. 6370. July 31, 1973. 12 p.
426. Department of Transportation and related agencies appropriations, 1974. Conference report to accompany H.R. 8760. July 31, 1973. 11 p. [Corrected] 31003 31004 print. 1 427. Agriculture and consumer protection act of 1973. Conference report to accompany S. 1888. July 31, 1973. 45 p.
428. Amending Small business act. Conference report to accompany S. 1672. Aug. 1, 1973. 6 p. 31005

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

[Committee publication] serial, 93d Congress.

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. 1973. 1979 p. † • Item 1010

Y4.Ag 8/1: T 55/38

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

Page 19

#### 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+vii
  - 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. il.
  - 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.
    - Y 4.Ap 6/1: L 11/974/pt.5 L.C. card 73-601752 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
  - 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 +ip. † • Item 1011 Y 4.Ap 6/1: R 22 L.C. card 73-602648
  - 31011 HUD-space-science-veterans appropriations for 1974, hearings before Sub-UD-space-science-veterans appropriations for 1817 (New York) (New
    - 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 Y 4.B 22/1: Sm 1/15/973 L.C. card 73-602204
- 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 1973. iv+236 p. † ● Item 1013
- 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. v+167 p. oblong 8° (Committee print.) \* Paper, \$1.50. Y 4.B 22/1: T 19/10/8th inst. L.C. card 72-603277

#### 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. 1v+341-663 p. † 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

#### 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. ii. \*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.)

- Regulation of surface mining, pt. 2, hearings before Subcommittee on Envi-ronment 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.
- 1700 p.

  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 73-602599
  pt. 2. May 17-June 7, 1973, 1973, vii+579-1180 p. ii. \*Paper, \$3.45 (8/N 5270-01932).

  pt. 3. June 15 and 18, 1973, 1973, vii+1181-1740 p. ii. 28 maps in pocket.

  \*Paper, \$5.95 (8/N 5270-01933).

  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 31026

31027

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

Sent to Depository Libraries

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

[Committee publications] serial, 93d Congress. • Item 1019 † Y 4.In 8/4:93-(nos.)

- Public Health Service hospitals, oversight, hearing before Subcommittee on Public Health and Environment, 93d Congress, 1st session, May 30, 1973. 111+25 p.
   L.C. card 73-602474
   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. 498, Feb. 28, 1973, 1973. 111+87 p. il.
   L.C. card 73-602467
   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. 1090, June 11-13, 1973, 1973, v+212 p.
   L.C. card 73-602591 31028
- 31029
- 31030
- L.C. card 73-602591 26. Health maintenance alth 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. 11. 31031
- C. card 73-602063
   Regional medical programs, overweight, hearing before Subcommittee on Public Health and Environment, 93d Congress, 1st session, May 8, 1973. 1973. iv+249 p. II.
   L.C. card 73-602656 31032

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

[Committee publication] serial, 93d Congress.

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. ii. ↑ ■ Item 31033 ● Item Y 4.M 53:93-10 L.C. card 72-602739

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

• Item 1022 [Committee publication] serial, 93d Congress. † Y 4.P 84/10:93-(nos.)

- 31034
- 31035
- 31036
- 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
   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
   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. 6817, Apr. 11, June 28, 1973. 1973. iii+34 p.
   L.C. card 73-602469
   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 73-802702 31037
- iii+50 p.

  L.C. card 73-602703

  L.C. card 73-602703

  15. Increase annuities for Federal law enforcement and Employee Benefits, 93d hearings before Subcommittee on Retirement and Employee Benefits, 93d Congress, 1st session on H.R. 2654, May 29 [and] 30, 1973, 1973, iii+84 31038
- p. fl.

  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 31039

# Public Works Committee, House Washington, DC 20515

[Committee publication] serial, 93d Congress.

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

Y4.P.96/11:93-9 31040

# Science and Astronautics Committee, House Washington, DC 20515

[Paper], 93d Congress.

31041 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.)

1. C. Card (3-002582 Y 4.W 36: T67/21/pt. (nos.) pt. 2. May 10-11, 1973. xxv+341-605 p. il. Paper, \$2.10 (8/N 5270-01909) pt. 3. May 14, 15, 1973. xxv+607-1091 p. il. Paper, \$2.95 (8/N 5270-01910) pt. 5. May 18, 1973. xxv+1373-1680 p. Paper, \$2.10 (8/N 5710-01912) pt. 10. May 30, 1973. xxv+3111-3314 p. il. Paper, \$2.10 (8/N 5270-01917) pt. 11. May 31-June 1, 1973. xxv+3315-3612b+3613-3750 p. il. Paper, \$2.60 (8/N 5270-01918) pt. 12. June 6, 7, 1973. xxv+3751-4160 p. il. Paper, \$2.60 (8/N 5270-01919) pt. 18. June 8, 11, 1973. xxv+4161-4097 p. il. Paper, \$2.95 (8/N 5270-01920) pt. 14. June 12-15, 1973. xxv+4699-5169 p. il. Paper, \$2.60 (8/N 5270-01921)

pt. 14. June 12-10, 10.00 2... 01921). pt. 15. Summary of testimony. xxv+5171-5316B+5817 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

31046

31047

Y 1.93/1:(letters)

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.

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. 26, 1973; May 14, 1973, 1973. v+13 p.

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.

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. 31048 convention) o

### Senate executive reports

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. 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, 31050 3 p.

31051

 Convention on prevention of marine pollution. Report from Committee on Foreign Relations to accumpany Ex. C, 93-1. Aug. 1, 1973. 5 p.
 Convention on endangered species. Report from Committee on Foreign Relations to accompany Ex. H. 93-1. Aug. 1, 1973. 4 p. 31052

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

#### 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.

- 15. Proposed supplemental appropriations for fiscal year 1973. May 11, 1973. 9 p. 31053
- Proposed supplemental appropriations for inetary and item 906
   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
   Budget amendment for fiscal year 1974 requested by National Commission on Water Quality. July 9, 1973. 2 p. † Item 996
   Proposed supplemental appropriations for Department of Commerce and Department of Agriculture. July 9, 1973. 3 p. † Item 996
   Supplemental appropriation Commission on Organization of Government for Conduct of Foreign Policy. July 9, 1973. 2 p. † Item 996
   Budget amendments, 1974, legislative branch. July 26, 1973. 5 p. † 321. Sdoc. 31054
- 31055
- 31056
- 100 of tem 996 26, 1973. 5 p. † 93-1 : S.doc. 31057
- 31058 31059
- 28. Budget amendments, 1974, Department of Interior. July 26, 1973. 2 p. 31060
- 30. Budget amendments, 1974, Department of Commerce, communication from the President. Aug. 1, 1973. 3 p. † Item 996

  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

  22. Semignous report of Architect of Capital Jan. 1-June 30, 1973, pursuant 31061
- 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 31062

#### Senate reports

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

- Senate reports on public bills, 93d Congress. † Senate Documents Room, Capitol. (No. 383 is sold by the Superintendent of Documents.)
- 31063
- 31064
- 191. Runaway youth act. Report from Committee on Judiciary together with additional views to accompany S. 645. June 4, 1973. 12 p.
  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.
  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.
  213. Authorizing printing of revised edition of The Capital as House document 31065
- 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. 31066
- 31067
- 31068
- 31069
- 31070
- 31071
- H. Con. Res. 132. June 13, 1973. 1 p.

  215. Amendments to Railroad retirement act. Report from Committee on Labor and Public Welfare to accompany H.R. 7357. June 13, 1973. 13 p.

  218. Amending International economic policy act of 1972. Report from Committee on Finance to accompany S. 1636. June 14, 1973. 2 p.

  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.

  220. War powers. Report together with supplemental views from Committee on Foreign Relations to accompany S. 440. June 14, 1973. 38 p.

  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.

  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.

  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. 31072
- 31073 1973. 16 p
- 31074
- 31075 31076
- 31077 31078
- 1078. 16 p.
  227. Arkansas River basin compact, Arkansas-Oklahoma. Report from Committee on Judiciary to accompany S. 11. June 19, 1973. 6 p.
  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.
  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.
  238. Education of handicapped amendments of 1973. Report from Committee on Labor and Public Welfare to accompany S. 386. June 21, 1973. 35 p.
  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.

- 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.
  254. Toxic substances control act of 1973. Report of Senate Committee on
- Commerce together with additional views on S. 426; June 26, 1973. 1973.

- 254. Toxic substances control act of 1973. Report of Senate Committee on Commerce together with additional views on S. 426; June 26, 1973. 1973. 181+64 p.
  257. West coast corridor feasibility study act of 1973. Report from Committee on Commerce to accompany S. 1328. June 27, 1973. 7 p.
  299. Research on aging act, 1973. Report from Committee on Labor and Public Welfare to accompany S. 775. June 30, 1973. 12 p.
  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, 181+48 p.
  312. Federal outdoor recreation user fees. Report from Committee on Interior and Insular Affairs to accompany H. R. 6717. July 11, 1973. 4 p.
  329. Wool products labeling act amendments. Report from Committee on Commerce to accompany S. 1816. July 19, 1973. 5 p.
  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.
  331. Authorizing printing of inaugural addresses from President George Washington to President Richard M. Nixon as House document. Report from July 19, 1973. 1 p.
  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. 185. 1973 1 p.
  333. Authorizing printing of additional copies of House hearings on various bills to exhabite. National Institute on House hearings on various bills to exhabite.
- 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.
- Rules and Administration to accompany H. Con. Res. 233. July 19.

  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.

  335. Authorizing printing of additional copies of House report entitled Street crime, reduction through positive criminal justice responses. Report from July 19, 1973. 1 p.

  337. Forest Service personnel level. Report from Committee on Agriculture and Forestry to accompany S.J. Res. 134. July 19, 1973. 5 p.

  341. Amendment to sec. 5 of EURATOM cooperation act of 1958, as amended, July 24, 1973. 1973. ii+13 p.

  345. Hobby protection act. Report from Committee on Commerce to accompany

- report by Joint Committee on Atomic Energy to accompany S. 1993;
  July 24, 1973, 1973, 11+13 p.

  345. Hobby protection act. Report from Committee on Commerce to accompany S. 1880. July 25, 1973, 5 p.

  347. TV blackout, professional sports. Report from Committee on Commerce to accompany S. 1841. July 26, 1973, 10 p. [Corrected print.]

  348. Indian financing act of 1973. Report from Committee on Interior and Insular Affairs to accompany S. 1341. July 26, 1973, 26 p.

  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.

  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.

  352. National Guard technicians' retirement. Report from Committee on Post Office and Civil Service to accompany S. 871. July 27, 1973, 6 p.

  353. Civil service retirement annuities. Report from Committee on Post Office and Civil Service to accompany S. 1866. July 27, 1973, 7 p.

  354. Opium stockpile disposal bill. Report from Committee on Armed Services to accompany S. 1666. July 27, 1973, 7 p.

  355. Federal-aid highway act of 1973. Conference report to accompany S. 502. July 27, 1973, 104 p.

  356. Radio Free Europe and Radio Liberty. Report together with supplemental views from Committee on Foreign Relations to accompany S. 1914. July 27, 1973, 19 p.

  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 Ibraries in Serial set binding.)

  358. Fair labor standards amendments of 1973. Conference report to accompany H.R. 7935. July 28, 1973. 35 p.

- 358. Fair labor standards amendments of 1973. Conference report to accompany H.R. 7935. July 28, 1973. 35 p.
- H.R. 7935. July 28, 1973. 35 p.
  359. Securities processing act of 1973. Report of Committee on Banking, Housing and Urban Affairs to accompany S. 2058; July 30, 1973. 1973. [2]+22 p. plemental views from Committee on Banking, Housing, and Urban Affairs to accompany S. 386. July 31, 1973. 9 p.
  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

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

- 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.
  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.
  370. District of Columbia insurance act. Report from Committee on District of Columbia to accompany H.R. 4083. Aug. 1, 1973. 11 p.
  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.
  373. Liberalization of disability and death pensions for veterans and survivors. Report of Committee on Veterans' Affairs to accompany S. 275. Aug. 1, 1973. 11 p.
  375. Exempting steamboat Delta Queen from certain vessel laws. Report from 31109
- 31110
- 31111
- 31112
- 31113
- 31114
- 31115
- 31116
- 1973. ii+40 p.

  375. Exempting steamboat Delta Queen from certain vessel laws. Report from Committee on Commerce to accompany S. 1625. Aug. 2, 1973. 5 p.

  376. Exempting steamboat Delta Queen from certain vessel laws. Report from Committee on Commerce to accompany H.R. 5649. Aug. 2, 1973. 1 p.

  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.

  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.

  379. Designating New Hope Dam and Lake, N.C. as B. Everett Jordan Dam and 31117
- Aug. 3, 1973. 45 p.

  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.

  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. 111+133 p.

  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. 31118
- 31119
- 31120

#### 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 Y 4 Ae 8: Sk 9/2 L.C. card 73-602740

#### 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 4.Ag 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 Y 4.Ag 8/2: T55/11 L.C. card 73-602335

#### 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 4.Ap 6/2: H 81/2/974/pt.1
  - pt. 1. National Aeronautics and Space Administration, Veterans' Administratration; [with lists of references]. 1973. ii+908+xxviii p. ii. ↑ Item 1033

- 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. • 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, 1i+1032+clx p. 1l.

    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, 1i+1033-2078+clx p. 1l.

    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. 1l.

    pt. 4. Department of Interior, Bureau of Indian Affairs, Office of Secretary, nondepartmental witnesses, ii+3103-4182+clx p. 1l.

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+xii p. il. † ● 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. il. † • 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 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 Divison, Susquehanna River Basin Commission, U.S. Army Memorial Affairs Agency. 11+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 Offict of the President: Council on International Economic Policy, Economic Stabilization Activities, Executive residence, National Commission on Productivity, National Security Comcil, 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. General Services Administration; nondepartmental Postal Service. 1973. ii+1067-2151+xxiii p. ii. † General Services witnesses; U.S. • Item 1033

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

#### 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 Y 4.Ar 5/3: P 94/6/974/pt. (nos.) L.C. card 73-602186

pt. 3. Authorizations, May 8-June 8, 1973. [2] + 1329-1859 p. il. pt. 4. Research and development, Feb. 8-Apr. 3, 1973. ii+1861-2775 p. il. pt. 5. Research and development, Apr. 6-May 29, 1973. ii+2777-4051 p. il. pt. 7. Tactical air power and F-14, Mar. 21-June 26, 1973. ii+4749-5178 p. il.

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 Y 4.Ar 5/3: N 72/9/973-4 L.C. card 73-602638

# 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 Y 4 B 22/3 : D 36/3/973 L.C. card 73-602475

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, Y 4.B 22/3: Se 3 July 10, 1973. 1973. ii+20 p. † ● Item 1035

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, ir., 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 Y 4.B 22/3: N 53/5 L.C. card 73-602482

Commerce Committee, Senate Washington, DC 20510

[Committee publications] serial, 93d Congress. • Item 1041 Y 4.C 73/2:93-(nos.)

31137

31138 111 + 342 p. 11. 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). Y 4.C 73/2: En 2 L.C. card 73-602697

#### 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 (8/N 5270-01957). L.C. card 73-602553

#### Foreign Relations Committee, Senate Washington, DC 20510

31141 Multinational corporations and United States foreign policy, hearings before Subcommittee on Multinational Corporations, 93d Congress. 1973. 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 Bastern wilderness areas, hearings before Subcommittee on Public Lands, 93d Congress, 1st session on S. 316 [and] S. 938, 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.] †
- 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 3, 1973. 1973. iv+671 p.
- 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

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

- 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, 193. 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
- 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
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

# 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 (\$\sqrt{N}\$ 5270-01848).

Phase 1, bk. 2. Watergate investigation, June 5-14, 1973, 1973, v+457-910 p. il. \*Paper, \$3.00 (\$\sqrt{N}\$ 5270-01962).

# Public Works Committee, Senate Washington, DC 20510

- [Committee publications] serial, 93d Congress. Y 4.P 96/10: 93-(nos.) 31160
- 8. 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 (8/N 5270-01936).

  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. 31161 Item 1045
   L.C. card 73-
- 31162
- Titem 1045
  L.C. card 73-601792
  pt. 2. May 14-21, 1973. iv+463-1019+[15] p. il. \*Paper, \$4.65
  (8/N 5270-01842).
  pt. 3. May 23-31, 1973. iv+1021-1687 p. il. \*Paper, \$3.70 (8/N 5270-01940).

  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
  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
  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.
  1073, xiii+4649-5292 p. il. \* Paper, \$4.05 (S/N 5270-01928). ● Item

#### 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. 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 31168
  - NOTE.—Parts 7-11A also sold separately on subscription. \$1.25 additional for foreign mailing; semiannual issues, \$2.50. \* Paper, \$5.00 a yr.,

#### Circular.

- 31169
- 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

- Economic stabilization program. Item 857-L1 Phase 4, food regulations. Aug. 22, 1973. 12 p. 4° Paper, 25c. (S/N 4114-00021). 31171
  - ΦFor Sale by National Technical Information Service, Springfield, VA 22151 Sent to Depository Libraries Page 31

Economic stabilization program-Continued

Phase 4, oil regulations. Aug. 17, 1973. 17 p. 4° Paper, 30c. (S/N 4114-00020). L.C. card 73-602646

Phase 4, regulations and questions and answers. Aug. 1973. cover title, iii+[1] +165 p. 4° ([No.]2.) Paper, \$1.75

L.C. card 73-602569

PrEx 17.10: P 49/2/no. 2 31172 31173

# 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 opertaions 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).

39. Catalog of courses and conferences, 1973-74. [1973.] [2] + iii + 20 p. il. 40 [Supersedes MP-39, May 1972. Issued with perforations.] † Item 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 Command 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). Ttem 315-D-1
D 5.100: 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.] D 1.6/2: M 31/2/971 \* Paper, \$1.50.
- 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 31179 \_ with perforations.] \* Paper, \$1.50.
- 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 Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, D 7.6/4: Ai 7/2/ch.2 \$1.00. • Item 314-A
- 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
- Cloth, Apr. 3, 1970, Change 3. June 21, 1973. [5] p. 4° (FIIG A210; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, 31182 -Mich.) [Issued with perforations.] \* Paper, 20c. • Item 314-A D 7.6/4: C 62/ch.3

- 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° (FHG 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
- 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 Cheek, Mich.) [Issued with perforations.] \* Paper, 30c. Item 314-A D 7.6/4: L 62/ch.3
- 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: El 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° (FHG 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
- 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. fl. 4° (FSC 5930.) 

  107.10: 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

- 31196 [MILSTRIP1, 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. D 7.6/4: M 59/supp.2/rev.-6/ch.10 • Item 314-A
- 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 D 1.6: P 43/ch.6 • Item 309

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

6 C. Government specifications and standards for plastics covering defense engineering materials and applications, (revised, final); by Norman E. Beach.
May 1978. | v+7+[2] p. 4° [Supersedes PLASTEC note 6B. June 1969.] †

D 4.11/2:6C 31198

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. 20305 Washington, DC

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.

• Item 378 (Rev. 1957). Publications. (Hydrographic Center.)

Tublications. (Hydrographic Center.) Item 378 (Rev. 1377).

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. 11. 4° [Includes list of effective pages. Issued with perforations.] Paper, \$1.75.

152. Change 1, Aug. 4, 1973. Loose leaf change pages for correcting sailing directions for North Pacific Ocean, 1st edition, 1972. [1973.] [42] p. 11. 4° [Includes list of effective pages. Issued with perforations.] Paper, \$1.75. 31200

31201

# 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. C 57.11: (nos.) subs.). • Item 231-B

International economic indicators, quarterly report; [prepared by International Trade Analysis Division, Bureau of International Commerce].
May 1973. 42 p. il. 4° [Issued with perforations.]
Investing in Yugoslavia [with bibliography]; prepared by Donald Crafts.
June 1973. 6 p. 4° [Issued with perforations.]
Selling in Spain [with bibliography]; prepared by Ann Corro, July 1973.
21 p. 4° [Issued with perforations. Supersedes OBR 69-12 and OBR 70-83.] 73-18. 31203

31204 73-23. 73-28. 31205

21 p. 4°
70-63.] 31206

31207 31208

31209

73-29A. Five-year plan summary: Hungary; prepared by Mona Friedlander.

73-29B. Five-year plan summary: Foland; prepared by Mona Friedlander. July
1973. 4 p. 4° [Issued with perforations.]
73-30. Selling in Greece [with bibliography]; prepared by Mara Yachnin. July
1973. 22 p. 4° [Issued with perforations.]
73-34. Foreign trade regulations of Malaysia; prepared by J. Lee Barnes. July
1973. 8 p. 4° [Issued with perforations. Supersedes OBR 67-35.]
73-35. Foreign trade regulations of Sweden; prepared by William Nagel. July
1973. 8 p. 4° [Issued with perforations. Supersedes OBR 69-74.] 31210

Overseas trade promotions calendar, July 1973. [1973.] 38 p. † • Item 31211 C 57.12: 973 231-B-2

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

#### 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.)

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°

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° 31213

31214

#### 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

ERS-(series).

- 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 31216 A 93.21: 524
- 31217 Farm income situation. July 1973. 75 p. il. 4° (FIS-222). • Item 21 - 0A 93.9: 222

FDD field report.

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 and Animal Husbandry Development and Office of Food and Agriculture, U.S. Agency for International Development.] † Special offer.

L.C. card 73-602706 31218

#### 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.] 13 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)

- 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
- 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

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

- 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.)
- 02-R-06. Main ideas and organizations: theme 6, Reading. July 1973. xviii+139 31226
- D. 11. 4° \*Paper, \$1.60.

  02-R-08. Critical reading: theme 8, Reading. May 1973. xviii+169 p. \*Paper, \$2.35. 31227
- 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.]
- brary 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 HE 5.2: R 11/4/971 (Rev. 1965)
- 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

# 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,

- 308. Effect of salinity on optical extinction of sea ice at 6328 literature cited; by] Hurley Davis and Richard H. Munis. p. il. 4° [Prepared for Naval Ordnance Laboratory.] 31235 A [with list of [1973.] iii +15 $\vec{\mathbf{D}}$  103.33/3:308
  - Special reports. D 193.33/2:(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.]
  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 Motol Kumai. July 1973. iii+9 p. il. 4° [DA project 1T061102B52A.] 31237
- 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.)

- 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.]  $\Phi(\text{Price upon application})$
- 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.  $4^{\circ}$   $\Phi$  (Price upon application) 31240
  - Technical reports.  $\Phi(Price upon application)$

D 103.53: (letters-nos.)

- D-8. Initial quality and life-cycle costs in military family fami 31241 31242
- 31243
- 31244
- 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).

- 1110-2-3504. Engineering and design: Chemical grouting [with bibliographies].

  May 31, 1973. cover title, [84] p. il. 4° † Item 338-A 31246 D 103.6/3: 1110-2-3504
- 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. I 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

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

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

- Dry Creek and tributaries, Roseville, Calif. May 1973. cover title, [3] 31250 \_ +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
- 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, D 103.47: L 82 Calif.
- Ohio and Beaver Rivers Beaver County, Penn. Mar. 1973. cover title, 31253 -[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
- 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 ware-houses [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.)

- Miscellaneous papers.

  D 103.24/4: (letters—nos.)

  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. ii. 4° [Sponsored by Army Materiel Command, Program Manager for Selected Ammunition Degradation Effects Program.]

  S-71-12. Fragment and projectile penetration resistance of soils: report 2, Highvelocity fragment penetration into laboratory-prepared soil targets [with list of literature cited]; by B. Robani. Army-MRC Vicksburg, Miss., June 1973. ix+82+[2] p. ii. 7 tab. 4° [Sponsored by Office, Chief of Engineers, Project 4A062112A859, task 05, Soils and Pavements Laboratory.]

  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. ii. 5 tab. 11 p. of pl. 4° [Sponsored by Office, Chief of Engineers, U.S. Army.]

  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. ii. 4° [Sponsored by Directorate of Military Engineering and Topography.] 31259
- 31260
- 31261

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

Technical reports. D 103.24/2:(nos.) 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. ii. 11 pl. 4° [Sponsored by Assistant Secretary of the Army (R&D), Department of the Army. Project 31262

4A061101A91D.

44061101A91D.

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° [1ssued with perforations.]

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 Anneles.] 31264 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).

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

#### **ENVIRONMENTAL PROTECTION AGENCY** Washington, DC

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.) 660/3-73-001. Weed harvest and lake nutrient dynamics [with list of references]; by Joe K. Neel, Spencer A. Peterson, Wintfred L. Smith.

July 1973. vili+91+[1] p. il. 4° [Project 16010 DFI sponsored by Water Quality Office.] \* Paper, \$1.25. • Item

431-I-11

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. ii. 4° (Project 16010 DUA.] \* Paper, \$2.35.

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. 31269

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

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.]  $\Phi(\text{Price upon application})$  EP 1.23/4:73-005 31270

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

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.]  $\Phi$ (Price upon application) EP 1.23/5: 73-028a.b.c

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.)

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.] 31272

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

	Environmental	protection technology series EPA—Continued
31273	650/2-73-006.	Development of X-ray fluorescence spectroscopy in elemental
		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.
		of references]; by L. S. Birks and J. V. Gilfrich. June 1973.
31274	650/2-73-018.	iv+10 p. 4° Catalytic combustion, pollution-free means of energy conversion?
OIDIT	000/= 10 0201	Catalytic combustion, pollution-free means of energy conversion? [with bibliogaphy]; by R. E. Thompson. [Aug. 1973.] vii+53 p. il. 4° [Program element 1A2014.]
	Environmental	protection technology series EPA-R2. (Office of Research
	and Monitor	ing.) EP 1.23/2: (nos.)
31275	72-066 Effect	s of fuel additives on chemical and physical characteristics of
	by	ticulate emissions in automotive exhaust [with list of references]; Dow Chemical Company, Midland, Mich. Dec. 1972. ii+[3]+xv 45 p. il. 4° [Contract CPA 22-69-145, program element Ai1010.]
31276	73-147. Biolog	ideal removal of colloidal matter from wastewater; [by Walter J. er.] June 1973. cover title, xi+166+[1] p. il. 4° [Grant 17030] program element 1B2043.] * Paper, \$2.35. • Item 431-I-12.
	Mai DG	or. June 1973. cover title, x1+100+111 p. 11. 4 [Glant 1700] O. program element 1B2043.] * Paper, \$2.35. • Item 431-I-12.
31277	73-160. Devel	O. program element 1B2043.] * Paper, \$2.35. Them 43-1-12. op operational system for evaluating and testing methods and inments for determining effects of fuels and fuel additives on auto-like emissions; by E. R. Blosser. Feb. 1973. ii+p.+[2]+ii+54 res, il. 4° [Prepared by Battelle Memorial Institute, Columbus oratorles, Columbus, Ohio; contract 68-02-0324.] Φ(Price upon Meetion)
	stri mol	iments for determining elects of fuels and fuel additives on additive solutions; by E. R. Blosser. Feb. 1973. $ii+p.+[2]+ii+54$
	leav	ves, il. 4º [Prepared by Battelle Memorial Institute, Columbus
	app	lication).
31278	73-198, Low	neation), water volume enzyme deactivation of vegetables before preservation the list of literature cited]; by Jack W. Ralls [and] Walter A. cer. May 1973, ix+88+[1] p. il. 4° [Project 12060 PAV.] aper, \$1.25. ■ Item 431-I-12.
	Mei Mei	cer. May 1973. ix+88+[1] p. il. 4º [Project 12060 PAV.]
04080	# P	aper, \$1.25. • Item 431-1-12.
31279	73-232. Metho	of references]; by Thomas R. Aspitarte [and others]. May 1973.
	x+	aper, \$1.25.
31280	73-244. Conce	eptual design and cost study, sulfur oxide removal from power plant
	sta tra	ck gas, magnesia scrubbing-regeneration, production of concen- ted sulfuric acid [with list of references and abstracts]; by G. G.
	Me	per that design and cost study, suith other removalities of concentrations, magnesia scrubbing-regeneration, production of concentration and the suituric acid [with list of references and abstracts]; by G. G. Glamery, (and others), May 1973. $xy+372$ p. it. 4° [Interagency element $TV-29233A$ .] $\Phi(Price upon application)$ .
31281	72_250_Slude	reement TV-29233A.] $\Phi$ (Price upon application). The processing for combined physical-chemical-biological sludges [with of references]; by D. S. Parker, F. J. Zadick, K. E. Train. July (3. $x+141+[1]$ p. il. $4^{\circ}$ [Grant R801445; project 17080 FSF.] aper, \$2.10. Item 431-I-12. Billy of plastic foam plues for sealing leaking chemical containers
31201	list	of references; by D. S. Parker, F. J. Zadick, K. E. Train. July
	197	Paper. \$2.10. • Item 431-I-12.
31282	73-251, Feasi	bility of plastic foam plugs for sealing leaking chemical containers
	J.	V. Lecce. May 1973. vii+60+[1] p. il. 4° [Project 15090 HGW]
	COI	aper, \$2.10.
31283	3 73-255. 10n 6	tract 68-01-0106.] Fraper, 53c. Item 401-112  such ange color and mineral removal from kraft bleach wastes [with tof references]; by Robert L. Sanks. May 1973, xii+189+[1] p  40 [Project 12040 DBD.] Paper, \$2.35. Item 431-1-12
	il.	4º [Project 12040 DBD.] Paper, \$2.35. • Item 431-1-12
31284	1 73-259 Heat	4º [Project 12040 DBD.] Paper, \$2.30. Item 431-1-12 and Water vapor exchange between water surface and atmospher ith bibliographies]; by Wilfried Brutsaert. May 1973, v+59+[1 il. 4º [Project 16130 DIP; program element 1B1032.] Paper c. Item 431-1-12 septent of automatic sewer flow samplers [with list of references]
	p.	il. 4º [Project 16130 DIP; program element 1B1032.] * Paper
3128	90 5 73-261 Asses	c. • Item 431-1-12 sement of automatic sewer flow samplers [with list of references] sement of automatic sewer flow samplers [with list of references] Philip E. Shelley and George A. Kirkpatrick. June 1973. x+23 [1] p. 11. 4° [Contract 68-03-0155.] * Paper, \$2.60. • Item
01200	by	Philip E. Shelley and George A. Kirkpatrick, June 1973. x+23.
	43	1-I-12
3128	6 73-263. Guid	e to preparation of operational plans for sewage treatment facilities
	by	e to preparation of operational plans for sewage treatment of the Earl Seiler, James W. Altman. July 1973. vii+212+[1] p. ii. 4 contract 68-01-0073; project 17090FWA.] * Paper, \$2.60.
	48	1-I-12
3128	7 73–264. Phys	1-1-12 dical-chemical treatment of municipal wastewater using powdere rbon [with list of references]: by Donald E. Burns, Gerald L. Shellg. 1973. xii+230+[1] p. il. 4° [Contract 14-12-585, projec 020 EFB; Office of Research and Development appears on cover. Paper, \$2.25.  ■ Item 431-I-12 retien, management for control of quality of irrigation return flowers.
	Ai	ig. 1973. xii+230+[1] p. il. 4° [Contract 14-12-585, project
	*	Paper, \$2.25. • Item 431-I-12
3128	8 73-265 Irrig	ation management for control of quality of irrigation return not
	19	raper, \$2.25. • Item \$61-1-12 ration management for control of quality of irrigation return flow with list of references]: by Larry G. King and R. John Hanks. Jun 173. xviii+307+[1] p. il. 4° * Paper, \$3.45. • Item 431-1-12 Rational Research Paper in Paper is 5.45.
3128	9 73-267. Inve	stigation of nitrate problem in Runnels County, Tex. [with 118
	of	roject 16060 HNI.] * Paper, \$2.60. • Item 431-I-12
3129	0 73-279, Phot	phorus removal by trickling filter slimes [with list of references]
	D	i/3. xviii+307+[1] p. il. 4° * Paper, \$3.45.   Item 431-1-12 stigation of nitrate problem in Runnels County, Tex. [with lis references]: by David C. Jones. June 1973. vii+214+[1] p. il. 4° Project 16060 HNI.] * Paper, \$2.60.   Item 431-1-12 phorus removal by trickling filter slimes [with list of references] A. E. Zanoni. July 1973. viii+122+[1] p. il. 4° [Grant 1701 ZG.] * Paper, \$2.10.   Item 431-1-12 trical power consumption for municipal wastewater treatment [with the content of
3129	1 73-281. Elec	26.1. Faper, 32.10. The volume of the volume
	11:	Vational Environmental Research Center.) [Program element
	pe	er, \$1.25. • Item 431-I-12

- 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.] \$\tilde{q}\$ (Price upon application) 31292
- 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.] \$\phi(Price upon application.)\$ 31293
- 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
- 31296 Inventory of interstate carrier water supply systems by States and Environmental Protection Agency regions. July 1972. 84 p. oblong, 12° EF 1.41: 972 (Water Supply Division.)
- 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.)
- How educators can help, project pamphlet for teaching environmental education in grades 1-12. [Oct. 1971.] [7] p. narrow 8°
   How homemaker can help. [1972.] [9] p. narrow 8°
   How farmer and rancher can help. [Feb. 1972.] [13] p. narrow 8°
   How outdoorsman can help. [Feb. 1972.] [6] p. narrow 8° 31298
- 31299 31300
- PNERL working paper. (Pacific Northwest Environmental Research
- Laboratory.) 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.] † EPP 1 37/2:15 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 Hydroscience, 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.)
- 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 FUO.] \* Paper, \$2.85. Item 431-I-19 EP 1.23/3:73-014 31306
  - [Solid waste management] SW (series). Item 431-I-17

EP 1.17: (nos.)

- 31307
- Solid waste management, available information materials. July 1973. cover title, vi+55 p. 4° \* Paper, 85c.

  Developing local & regional solid waste management plan [with bibliographies] by Richard O. Toftner. 1973. viii+29 p. ii. 4° \* Paper, 65c. Oregon's bottle bill, first 6 months. [1973.] 14 p. il. narrow 8° \* Paper, 30c. 101 ts.1. 109
  - ΦFor Sale by National Technical Information Service, Springfield, VA 22151 Sent to Depository Libraries

Water pollution control research series.

31310

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.

leneral report.

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 81312

#### 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 TD 4.2: M 28/2
- 31316 Economy approach lighting aids, Change 1. June 24, 1973. [16] p. 4° ([Advisory 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 crewmebers 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).  $\Phi(\text{Price upon application})$ 

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.)
72-5. Template converter program [with list of references; by] John P. Penzien. Dec. 1971. cover title, [1]+iv+56 p. il. 4° (Office of Development.) [Work performed in cooperation with University of Colorado, Boulder, Colo. under Contract DOT-FH-11-7671.] 31320

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

- 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.)
  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]+28 p. il. 4° (Office of Research.)
  72-16. Metavist and description of the content of the c 31321
- 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.]
- 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.] 31324
- 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. ii. 4° (Office of Research.)
  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.) 31326
- 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-• Item 982-G-5 00098). TD 2.2: T 19/973

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

Land planning bulletin.

6. Planned-unit development with homes association. [Revised 1973.] Apr. 1973.] cover ttile, 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 31328

#### 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
- 31330

- 31333
- 31334
- 31335
- 31336
- 31337
- Code of Federal regulations. [1973.] \* Paper, \$200.00 a year, \$50.00 additional for foreign mailing; single copies vary in price. Item 572.

  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.

  38. 4.108: 26/pt.1 (sec. 1.0-1-1.300)/973

  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

  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

  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.

  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, \$2.00.

  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.

  33. National Defense appendix, revised as of July 1, 1973. vi+358 p. [Containing codification of documents of general applicability and future effects as of July 1, 1973, with ancillaries.] \* Paper, \$2.80. GS 4.108: 32/pt.1600-end/973

  34. 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, \$2.50. GS 4.108: 35/973

  35. Panama Canal, revised as of July 1, 1973. vi+305 p. [Containing codification of documents of 31338

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

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

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

#### 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). FT 1.11:77 • Item 534

# 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 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.]) HE 20.4002: X 1 Paper, 20c. • Item 475
- 31343 We want you to know about labels on foods. [1973.] [6] p. il. narrow 8° † HE 20.4002: F 73/6 • Item 475
- 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, HE 20.4002: N 95 20c. (S/N 1712-00179). • Item 475

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

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

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

- [Foreign Agricultural Service miscellaneous], FAS M (series). A 67.26: (nos.)
- 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 31349
- 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 31350
- 31351 Foreign Agricultural Service special reports [list]. [Revised Aug. 1973.] A 67.33: Sp 3/973 [1973.] [1]+4 p. ([FAS/FMI.]) †

# FOREST SERVICE, Agriculture Dept. Washington, DC 20250

31352 American wood: Ash [with list of references; by Harold A. Stewart and John E. Krajicek]. Mar. 1973. 7 p. il. 4° (FS-216.) [Issued with perforations.] \* Paper, 25c. (S/N 0101-00321). • Item 80-A ations.1

— 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 31353 \_

A 13.31: El 6/973

- 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
- 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 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°
  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.] 31360
  - Research note NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.) A 13.79: NE-(nos.)
- 31361
- 31362
- 31363 31364
- NE-163. Land clearing and wood use in Delaware, 1972; [by James T. Bones and Joseph E. Barnard]. 1973. 5 p. il. 4°
  NE-164. Predicators of job tenure in lumber-plywood mill [with list of literature cited; by Charles H. Wolf]. 1973. 4 p. il. 4°
  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°
  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 31365
- p. 4° 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
- 31367
- 31368
- PNW-194. Tree growth and water use response to thinning in 47-year-old Lodge pole pine stand [with list of literature cited]; by Walter G. Dahms, Feb. 1973. 14 p. il. 4°
  PNW-195. First-year vegetation after fire, reseeding, and fertilization on Entiat Experimental Forest [with list of literature cited]; by Arthur R. Tledemann and Glen O. Klock. Mar. 1973. 23 p. il. 4°
  PNW-197. Estimating Dunning's site index from plant indicators; by Colin D. MacLean and Charles L. Bolsinger. Mar. 1973. 10 p. il. 4°
  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° 31369

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

- Research paper FPL-(series). (Forest Products Laboratory, Madison,
- 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.] 31370 A 13.78 : FPL-187
  - Research paper PNW-(series). (Pacific Northwest Forest and Range A 13.78: PNW-(nos.) Experiment Station, Portland, Oreg.)
- 31371
- PNW-151. New timber cruising grades for coast Douglas-fir: [by] Paul H. Lane [and others]. 1973. cover title, 12+[1] p. II. 4° [Tables of contents on p. 2 of cover.]

  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° 31372
  - Research paper RM-(series). (Rocky Mountain Forest and Range Experi-A 13.78: RM-(nos.) ment Station, Fort Collins, Colo.)
- 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.]

  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+2Z+[1] p. il. 4° 31374
  - Resource bulletin PNW-(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.)
- PNW-44. Logging residue, volume and characteristics; [by] James O. Howard. 1978, cover title, [2]+[1] p. il. 4° † A 13.80: PNW-44 31375

# 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 GA 1.12/2: 973 L.C. card 73-602641
  - 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.)
- Army reorganization for 1970s, assessment of planning, Department of Army.

  Aug. 13, 1973. cover title, [5] +87 p. il. 4° (B-172707.)

  L.C. card 73-602463

  GA 1.13: Ar 5/18 31377
- 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.)

  L.C. card 73-602644

  GA 1.13: L 81/2/973-4 31378
- Build and charter program for 9 tanker ships, Military Sealift Command, Department of Navy. Aug. 15, 1973. cover title, [4] +43 p. il. 40 (B-174839.) L.C. card 73-602573 31379
- Implementation of Emergency loan guarantee act, Lockheed Aircraft Corporation, Emergency Loan Guarantee Board. Aug. 13, 1973. cover title, 5 p. 11. 40 (B-169300.)

  GA 1.13: Em 3/2 31380
- 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-184031 (3).)

  I.C. card 73-602576

  GA 1.13: Em 3/2

  GA 1.13: Em 3/2 31381
- 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.)

  LC. card 73-602487.

  GA 1.13: Al 4 31382
- thook for production on Navy's LHA and DD-963 shipbuilding programs. Department of Navy. July 26, 1973. cover title, [3] + 29 p. il. 4° (B-163058.) GA 1.13: Sh 6/17 31383
- U.S. assistance for economic development of Republic of Korea. July 12, 1973.

  cover title, (41+100 p. il. 4° (B-164264.)

  L.C. card 73-602225

  GA 1.13: K 84/4 31384

- 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 Ways to improve records management practices in Federal Government, National 31385
- L.C. card 73-602446

  Ways to improve records management practices in Federal Government, National Archives and Records Service. Aug. 13, 1973. cover title, [5]+42 p. il. 40 31386 (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
- 31390 Work with GAO for more effective government. [1973.] cover title, [24] p. il. 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. il. oblong  $8^{\circ}$
- 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. il. oblong 8° L.C. card 73-602635 I 33.8 L 61 31392

# GEOLOGICAL SURVEY, Interior Dept. Washington, DC 20242

- 31393 Announcing . . . popular publications of Geological Survey. [1973.] [2] p. il. 4° folded into oblong 48° size (INF-73-5.) + I 19.2: P 96/6 Bulletin.
- 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. il. [Study of generally transgressive rock sequence at base of Cretaceous System—4 new rock units are described. Contributions to stratigraphy. Includes title processing table of contents to Bulletin 1372.] \*\*Pener 458. 31394 title page and table of contents to Bulletin 1372.] (S/N 2401-00364). • Item 620 \* Paper, 45c. (S/N 2401-00364). • Item 620 L.C. card 73-600171 I 19.3: 1372-J

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

Sent to Depository Libraries

- 31395 EROS [Earth Resources Observation Systems] Data Center, its design and construction. [1973.] cover title, 12 p. il. ‡
- 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, I 19.53/2: Id 1/971/pt.1 Boise, ID 83702
- 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 Campus West, Lawrence, KS 66044

Water-supply papers. • Item 625

I 19.13: (nos.)

- 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. ii. [Prepared in cooperation with State of New Jersey, Department of Environmental Protection, and Passaic Valley Water Commission.] \* Paper, 70c. (S/N 2401-02371). 31400
- 31401
- 31402
- 31403
- Samuel D. Faust, 1973. v+80 p. 11. [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

  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. ii. [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

  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. 11. [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

  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. 1i. [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

  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. 11. [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 2401-02386).

  L.C. card GS 43-68

  2110. Surface water supply of United States, 1966-70: pt. 3, Ohio River basin, v. 4, Ohio River basin from Green River to Compact P 31404
- 31405
- 31406

#### 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

Community development evaluation series.

- 31414 15. Local government approaches to capacity building. May 1973. [1]+iii +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

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

•Sent to Depository Libraries

- 31416 Facts about relocation of families and individuals. [Apr. 1973.] [2] p. il. 4° HH12: F21/2 ([HUD-347-CPM.])
- 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 handbool	ss. [Issued with perforations.] † HH 1.6/6:(nos.)
31418	335.3.	Assessment/placement profile (APP) system, [Apr. 1972]. Change.
31419	771.2 REV.	Employee grievances handbook. [Revised edition.] June 1973. [3] +11+25 p. 4° (HUD Staft.) [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.) [Includes transmital 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]
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.) [Includes 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] +i+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° (Housing 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 participants and HUD Staff, Housing Production and Mortgage Credit-Federal Housing Administration.) [Includes transmittal
31429	4700.1.	ctrcular, June 4, 1973.] Title 1, Property improvement loan operating handbook. June 1973. [106] p. 4° (Program participants and HUD Staff; Housing Production and Mortgage Credit-Federal Housing Administration.) [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 Production and Mortgage Credit-Federal Housing Administration.) [Includes 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.]
81432	7217.1, 7222.1	Urban renewal handbook transmittal. June 27, 1973, [16] p. 40 (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° Linelly of transmitted notice 1
31434	8030.2 REV.	Implementation of affirmative fair housing marketing regulations. [Revised edition.] June 1973. [40] p. 4° [Includes transmittal circular. June 30, 1973.]
31435	HM 7215.1.	Urban renewal handbook transmittal. [July 13, 1973.] [3] +5 p. 4° (Housing Management.) [Includes transmital 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 p	rogram, comparative analysis of city response patterns and

- their relation to future urban policy. [1973.] 90 p. il. 4° (Office of Community Development, Evaluation Division.) \* Paper, \$1.25 (S/N 2300-HH 1.2: M 72/8 00240). • Item 582 31438 Programa de HUD-FHA para la compra de casas movibles. May 1973. 1 p.
- HH 1.2: M 71/3 (HUD-113-F.) †
- 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 HH 1.2: Sh 3/972 L.C. card 73-602826

# 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. ii. 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. ii. † I 20.2: G 74/4/973
- 31444 Indians: Alaska natives [with suggested reading list]. [Aug. 1966.] 4 p. 4° I 20.51/2: Al 1 31445 \_
- Algonquians [with suggested reading list]. [Nov. 1969.] 4 p. 4° I 20.51/2: Al 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
- 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
- California tribes [with suggested reading list]. [Sept. 1967.] 4 p. 4° I 20.51/2: C 12
- Cherokees [with suggested reading list]. [Feb. 1973.] 4 p.4° I 20.51/2: C 42
- 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
- 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
- Hopi [with suggested reading list]. [1973.] 5 p. 4° † I 20.51/2 : H 77

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

2 p. 4 T	01/2.1101
31460 —— Iroquois League [with suggested reading list]. [Apr. 1973.] $\stackrel{\cdot}{1}$ 20	4 p. 4° †
31461 ——Kiowas [with suggested reading list]. [Aug. 1966.] 4 p. 4	51/2: K 62
31462 ——Languages [with suggested reading lists], [Apr. 1973.] 8 1 I 20	p. 4° † .51/2 : L 26
31463 —— Legends and myths [with suggested reading list]. [Jan. 190] p. 4° † ■ Item 627	69.] 4+[1] 0.51/2 : L 52
21464 Modes (with suggested reading list), [Aug. 1972.] [3] I	p. 4° † .51/2 : M 72
31465 — Music [with suggested reading list]. [Feb. 1973.] [3] p. 1 20.	. 4° † .51/2 : M 97
31466 —— Navajos [with suggested reading list]. [July 1966.] 4 p. I 20	4° † 0.51/2 : N 22
31467 —— Nez Perces [with suggested reading list]. [1973.] 3 p. 4° $$ † $$ 1 20	.51/2: N 49
31468 —— Origin [with suggested reading list]. [Apr. 1978.] 4 p. 4° $\stackrel{\dagger}{120}$	0.51/2: Or 4
31469 —— Osage [with suggested reading list]. [1973.] 3 p. 4° †	0.51/2: Os 1
31470 —— Paiutes [with suggested reading list]. [1973.] 3 p. 4 $^{\circ}$ / 120	0.51/2: P 16
31471 —— Pawnees [with suggested reading list]. [July 1966.]4 p. $4^{\circ}$	0.51/2: P 28
31472 —— Pueblos [with suggested reading list]. [Nov. 1969.] 7 p. $4^{\circ}$	† 0.51/2; P 96
	0.51/2: R 25
31474 —— Sacs and Foxes [with suggested reading list]. [Aug. 1966. I 2	1 4 p. 4° † 0.51/2 : Sa 1
31475 —— Seminoles [with suggested reading list]. [Aug. 1972.] 4 p. 4 1 2	† 20.51/2: Se 5
31476 —— Shawnees [with suggested reading list]. [1973.] 3 p. $4^{\circ}$ † 12	20.51/2: Sh 2
31477 —— Shoshoni [with suggested reading list]. [May 1971.] 3 p. $4^{\circ}$	† 20.51/2: Sh 8
31478 —— Sioux (Dakota) [with suggested reading list]. [June 196	66.] 5 leaves 20.51/2: Si 7
31479 — Utes [with suggested reading list]. [1973.] 3 p. 4° †I2	20.51/2: Ut 2
21480 Winging and Potomac area [suggested reading list]. 1	June 1966.] 20.51/2: V 81
was and local disturbances [with suggested reading	list]. [Oct. 0.51/2: W 26
- Lath suggested reading listl. [Jan. 1967.]	4 p. 4° † 0.51/2: W 78
31483 —— Zunis [with suggested reading list]. [Oct. 1967.] 4 p. 4	° † I 20.51/2 : Z 8

Missouri River Basin investigations project report.

198. Fort Belknap Reservation area, its resources & development potential. Feb. 1972, ix+184 p. 11. 40 1 L.C. card 73-600503 31484 I 20 52: 198

Planning Support Group, Billings, Mont.: Reports. (Office of Planning.) I 20.52: (nos.)

21425

204. Sisseton Reservation area, its resources & Development potential. Nov. 1972. vii leaves + 143 p. ii. 4° [Prepared in cooperation with Aberdeen Area Office and Sisseton Agency. Some illustrations are colored.]
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 of Rich.] 3148A 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

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.

PA-11. Survivor benefit plan for retired members of uniformed services. [1973.]

[2]+22 p. fl. narrow 8° ([Army Dept.] DA Pam 360-539; [Navy Dept.] NAVTRA 4605; [Air Force Dept.] 35-23; [Marine Corps]

NAVMC 2846; [Coast Guard] CG 442; PHS-CCPM Pam 13.) \* Paper, 25c. Item 312-A 31493

#### 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. 40 (S/N 2400-00777). \* Paper, \$4.20. I 1.2: Oi 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
- 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: C 76/7

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

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°

### 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.) T 22.44/2: 515/5 \* Paper, 40c. • Item 964-B

# 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

# 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.) HE 20.3701/2:972 \* Paper, 85c. • Item 507-C-4

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

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.  $\Phi$  (Price upon application).

31516-1. 31516-2.

31516-3. 31516-4.

31516-5.

31516-6. Translations on Eastern Europe: Political, sociological, and military affairs, nos. 761-774; JPRS 59705, 59808, 59828, 59844, 59857, 59866, 59878, 59893, 31516-7. Translations on Eastern Europe: Scientific affairs, nos. 348-353; JPRS 59805, 31516-8. Translations on Latin America, nos. 973-984; JPRS 59810, 59834, 59858, 59867, 59857, 59915, 59921, 59921, 59920, 59943, 59967, 59982, 710-114; JPRS 59815, 31516-10. Translations on Near East, nos. 1006-1022; JPRS 59797, 59811, 59822, 59833, 59973, 59987. Translations on North Korea, nos. 308-310; JPRS 59797, 59916, 59991, 59851, 59855, 59865, 59994, 59920, 59931, 59941, 59964, 59975. Translations on North Korea, nos. 308-310; JPRS 59888, 59916, 59991, 59855, 59865, 59904, 59920, 599931, 59941, 59964, 59975. Translations on People's Republic of China, nos. 235-237; JPRS 59840, 59938, 59974, 10027, 59971. 31516-14. Translations on south and east Asla, nos. 424-427; JPRS 59801, 59917, 59936, 59989.

1516-15. Translations on USSR agriculture, nos. 682-689; JPRS 59807, 59835, 59846, 59881, 59891, 59913, 59944, 59974.

1516-16. Translations on USSR economic affairs, nos. 498-499; JPRS 59823, 59933.

1516-17. Translations on USSR industrial affairs, nos. 258-261; JPRS 59791, 59847, 59926, 59957.

1516-18. Translations on USSR military affairs, nos. 947-955; JPRS 59798, 59806, 59824, 31516-19. Translations on USSR political and sociological affairs, nos. 419-430; JPRS 59793, 59813, 59826, 59840, 59856, 59869, 59880, 59903, 59908, 59922, 31516-20. Translations on USSR resources, nos. 402-413; JPRS 59788, 59800, 59814, 59851, 59825, 59861, 59864, 59878, 59024, 50024, Translations on USSR resources, nos. 402-413; JPRS 59788, 59806, 59814, 59852, 59861, 59864, 59876, 59914, 59942; 59961, 59992. Translations on USSR trade and services, nos. 574-585; JPRS 59792, 59812, 59836, 59848, 59877, 59892, 59910, 59932, 59948, 59960, 59979, 59986. Translations on Western Europe, nos. 422-424; JPRS 59816, 59839, 59875. USSR and East Europe scientific abstracts; Chemistry, no. 6; JPRS 59854. USSR and East Europe scientific abstracts; Engineering and equipment, no. 5; JPRS 59817. 31516-22 31516-23 31516-24 31516-25 JPRS (series). Y 3.J 66: 13/(nos.) 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.] \$2000. 31517 \$3.00.
Geophysical instruments, USSR [articles, with bibliographies; by I. G. Zhuriy and V. S. Shneyer]. Aug. 15, 1973. cover title, [1] + a + 10 p. II. 4° [From Geofizicheskaya apparatura, no. 49, 1972, Lenningrad.]

59803. Space medicine incorporated into practice on earth, USSR. Aug. 15, 1973. cover title, [1] + 3 p. 4° [From Vyshka, May 8, 1973, Baku.] 31518 31519 59804. Soviet correspondents report motor trip through United States (supplement), USSR [articles]; Aug. 15, 1973. cover title. [11+56 p. 40 [From Komsomol'skaya Pravda, June 13-30, 1973. July 5-15, 1973. 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. 49 [From Problemy upravlenlya funktsiyami organizma cheloveka i zhivotnykh, Moscow, 1973.] \$\phi\$ Paper, \$3.00.

59819. Juridical problems in use of orbits for artificial earth satellites, USSR [with list of bibliographical foothotes]; by B. G. Dudakov, Aug. 16, 1973. cover title, [1]+11 p. 40 [From Sovetskoye gosudarstvo in pravo, no. 4, 1973.] \$\phi\$ Paper, \$3.00.

59820. Use of patent documentation in analyzing technological development trends, USSR [with bibliography]; by N. M. Timofeyeva, Aug. 16, 1973. cover title, [1]+12 p. il. 40 [From Voprosy izobretatel'stva, no. 10, 1970.] \$\phi\$ Paper, \$3.00. 31521 35123 cover title, [1]+18 p. li. 4° [From voprosy izobretaterstva, no. 10, 1970.] Φ Paper, \$3.00.
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.] Φ Paper, \$3.00.
59831. Studies of earth from space, USSR; by V. Sevast'yanov. Aug. 17, 1973. cover title, [1]+4 p. 10, 4° [From Nauka i zhizn', no. 5, 1973.] Φ Paper, \$3.00.
59832. New GRK-1 quartz gravimeter, USSR [with bibliography]; by S.V. [From Prikladnaya geofizika, no. 68, 1972.] Φ Paper, \$3.00.
59853. Electric and acoustic fields of fishes, USSR [with bibliography, V. R. Protasov, editor]. Aug. 21, 1973. cover title, [1]+a+277 p. 11. 4° [Book published by Izdatel'stvo nauka, Dec. 29, 1972.] Φ Paper, \$3.00.
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 Dimitrovgrad, USSR with bibliographies]. Aug. 22, 1973. cover title, [1]+a+106 p. il. 4° Φ Paper, \$3.00. 31524 31527

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

31528

JPRS (series)—Continued

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 Izatel'stvo meditisina, Moscow, 1972.] & Paper, \$3.00.

59873. Technology of producing new materials, USSR [articles, with bibliography] hies]. Aug. 23, 1973. cover title, [1]+a-b+109 p. il. 4° [From Tekhnologiya polucheniya novykh materialov, 1972, Klev.] & Paper, \$5.00.

59882. Man and his environment, USSR. Aug. 24, 1973. cover title, [1]+29 p. 4° [From Voprosy filosofil, no. 4, 1973, Moscow.] & Paper, \$5.00.

59883. Anomalous nonlinear dissipation of high-frequency radio waves in plasma [with bibliography]; by V. P. Silin. Aug. 24, 1973. cover title, [1]+a+43 p. 4° [From Uspekhi fizicheskikh nauk, v. 108, no. 4, Dec. 1972.] & Paper, \$3.00.

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.] & Paper, \$5.00.

59885. Waves, instabilities and anomalous dissipation of parametric plasma strong electromagnetic field of pumping wave), USSR [with bibliography]; by V. P. Silin. Aug. 24, 1973. cover title, [1]+a+43 p. 4° [From beck plants]; by V. P. Silin. Aug. 24, 1973. cover title, [1]+31 p. il. 4° Paper, \$5.00.

59886. Alma-Ata central seismic station, USSR [with bibliography]; by V. P. Silin. Aug. 24, 1973. cover title, [1]+a+25 p. il. 4° [From Vestnik Akademii nauk Kazakhskoy SSR, no. 5, 1973. & Paper, \$3.00.

59895. Lunar geology, USSR [articles with bibliographies; by Yu. A. Khodoko, J. 1973. and Matematicheskiye metody v geologih, no. 2, 1971/72.] & Paper, \$3.00.

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+25 p. il. 4° [From Vescoyunaya nauchnaya sessiya posvyash-chennaya Dnyu Radio, 1973.] & Paper, \$3.00.

59939. Bioelectric control, USSR, JPRS (series)—Continued title, [1]+23 p. il. 4° [Izatel'stvo Mashinostroyeniye, 1973.] Φ Paper, \$3.00.
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.] Φ Paper, \$3.00.
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.] Φ Paper, \$3.00.
59968. Spring wheat, USSR [with bibliography]; by P. K. Ivanov. Sept. 5, 1973. cover title, [1]+a-+327 p. il. 4° [Izdatel'stvo Kolos, 1971, Moscow.] Φ Paper, \$6.00.
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 SSST Institut Vysokikh Temperatur, Moscow, 1973.] Φ Paper, \$3.00.
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.] Φ Paper, \$3.00.
59985. Radioastronomy, USSR [articles, with bibliographies; by A. G. Sokolov, et al]. Sept. 7, 1973. [1]+a+44 p. il. 4° [From Izzestiya vysshikh uchebnykh zavedeniy, Radiofizika, v. 16, no. 5, 1973, Moscow.] Φ 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 Administra-tion, 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

рет, \$3.00.

- 31550
- 31551
- Innovation in law enforcement [papers, with bibliographies]. June 1973. ix+163 p. ii. 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).

  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).

  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 J1.37/3: St 8 31552

#### 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° L 1.13: B 75/7 (USDL 73-338.)
- 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

- L 2.3: (nos.) Bulletins. • Item 768
- 31556
- 31558
- 31559
- 31560
- 31561
- 31562 31563
- Outlook for technology and manpower in printing and publishing. 1973. vi+45 p. il. 4° \*Paper, 75c.

  1775-63. Area wage survey: Toledo, Ohlo-Mich., metropolitan area, Apr. 1973. [July 1973.] 22 p. oblong, 8° \*Paper, 40c.

  1775-65. Birmingham, Ala., metropolitan area, Mar. 1973. [July 1973.] cover title, 35 p. oblong, 8° \*Paper, 50c.

  1775-66. Area wage survey: San Jose, Calif., metropolitan area, Mar. 1973. [July 1973.] cover title, 20 p. oblong, 8° \*Paper, 40c.

  1776. Productivity, selected, annotated bibliography, 1965-71; [by Andrea Mooney Sweeny]. 1973. iv+107 p. 4° \*Paper, \$1.25.

  1778. Industry wage survey: Contract cleaning services, July 1971; [prepared by Martin E. Personick]. 1973. vi+51 p. il. 4° \*Paper, 85c.

  1781. Union wages and hours: Local-transit operating employees, July 1, 1972; [prepared by Mary Kay Rieg]. 1973. vi+18 p. \*Paper, 40c.

  1782. Wage chronology: Ford Motor Company, June 1941-Sept. 1973. 1973. vi+82 p. 4° \*Paper, \$1.25.

  1783. Union wages survey: Footwear, Mar. 1971; [prepared by Joseph C. Bush]. 1973. vi+84 p. 4° \*Paper, \$1.25. 31564
- 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-L 2.34/2: W 12/4/970-72

#### Report.

- 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 31566
- 31567 Selected papers from North American Conference on Labor Statistics, June 14-17, 1971, San Juan, Puerto Rico. 1973. iv+286 p. il. 4° † L 2.80:971 • Item 769-C

#### 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. [973.] cover title, [876] p. il. 4° (OCS Sale no. 32.) † • Item 631 I 53.2: En 8/973-2

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

#### 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. LC 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-\* Paper, \$2.75 (S/N 3000-00062). • Item 786 0094-4.1 LC 1.2: M 18/13 L.C. card 73-3381
- 31571 National union catalog, reference and related services; [compiled by Joh W. Kimball, jr.]. [Reprinted with revisions 1973.] 1973. [3]+33 p. 4° † Library of Congress, Union Catalog Reference Unit, Washington, DC 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. L 1.2: C 76/3 narrow 8° † • Item 745
- Manpower research monograph. 28. Review of manpower R & D projects in correctional field, 1963-73 [with bibliography]; prepared by Roberta Rovner-Pieczenik. 1973. vi+113 p. 4° [Grant 92-25-72-18.] \* Paper, \$1.25 (S/N 2900-00187). • L.C. card 73-602637 31573

#### 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. HE 20.2752: R 31/973 (S/N 1730-00031). • Item 483-V-1 (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.] HE 20.2752: An 2 • Item 483-V-1

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

- 31577 Manual of Medical Department [1952], Change 79. June 14, 1973. [39] p. 4° D 206.8/2: 972/ch.79 [Issued with perforations.] ‡
  - U.S. Naval Submarine Medical Center, Submarine Base, Groton, Conn.: D 206.10:(nos.) Reports.
- 715. Lack of bilateral generalization of adaption to auditory rearrangement [with list of references]; by Harutine H. Mikaelian with Joseph S. Russotti. June 20, 1972. cover title, iii+8+2 p. il. 4° [Research work unit MF51.524.004-9010DA5G.20.]

  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.] 31578
- 31579

- 31580
- 31581
- 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 tile, iii+18+2 p. 11. 4° [Research work unit MR041.01.010063BOKL.07.]
  739. Review of available heated wet-suit protection for divers and swimmers [with blblography]; by Frederick P. Rentz. Feb. 28, 1973. cover title, ii+15+2 p. 11. 4° [Research work unit MF 099.01.01.10.]
  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. 11. 4° [Research work unit M4306.032050DXC.5-15.] 31582

#### 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
- 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
- Information circulars.
- 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 31586
- 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 sum-† Mines Bureau, Pittsburgh, PA 15213 I 28.121:972
  - Report of investigations. † Mines Bureau, Pittsburgh, PA 15213 • Item 637-A I 28.23: (nos.)
- 7771. Large-scale continuous attrition grinding of coarse kaolin [with list of references]; by E. G. Davis, E. W. Collins, and I. L. Feld. [1973.] [2]+ii+22 p. il. 4° [Based on work done in cooperation with University of 31589
- 31590
- 31591
- 31592
- 31594
- 12]+ii+22 p. il. 4° [Based on work done in cooperation with University of Alabama.]

  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°

  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°

  7779. Spectral growth of expanding flames, infrared radiance of methane-air ignitions and coal dust air explosions; by M. Hertzberg [and others].

  7781. Evaluation of methods for determining naheolite and awsonite in oil shales [with list of references]; by Charles W. Huggius, Thomas E. Green, and T. L. Turner. [1973.] [2]+2+21 p. il. 4°

  7782. Minimum extinguishant and maximum oxygen concentrations for extinguishing coal dust air explosions; by Joseph Grumer [and others].

  7784. Preparation of samrium-cobalt permanent magnets [with list of references]; by J. W. Walkiewicz, J. S. Winston and M. M. Wong. [1973.] [3]+18 p. il. 4° 31595

## 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

## 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

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

Nore.—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° Y 3.C 86: 2C 86 • Item 1089

## 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 3.0c 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. † Y 3.Ex 8: 2W 84 L.C. card 73-601974

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION Washington, DC 20546

- NAS 1.2: Ae 8/2 31602 NASA aeronautics. [1973.] [5] p. il. narrow 8° † NAS 1.26: (nos.) NASA contractor reports OR (series).
- 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.] \$\phi\$ Paper, \$3.00.

  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 Corporation, Redwood City, Calif.] \$\phi\$ Paper, \$3.00.

  2254. Development of closed pore insulation material [with list of references]; by Afbert Tobin [and others]. July 1973. cover title, viii+173 p. il. 4° [Prepared by Grumman Aerospace Corporation, Bethpage, N.Y.] 31603
- 31604
- 31605
- 31606
- 31607
- 31608
- 31609
- Development of closed pore insulation material [with list of references]; by Aibert Tobin [and others]. July 1973. cover title, viii+173 p. il. 4° [Prepared by Grumman Aerospace Corporation, Bethpage, N.Y.] φ Paper, \$3.00.
  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 Astronautics Company—West. Huntington Beach, Calif.] φ Paper, \$3.00.
  2274. Turbulant fluid friction of rotating disks [with list of references]; by Paul Cooper. July 1973. cover title, v+340 p. il. 4° [Prepared by Case Western Reserve University, Cleveland, Ohio, for Lewis Research Corremoval systems [with list of references]; by R. M. Wright [and others]. July 1973. cover title, xvi+239 p. il. 4° [Prepared by AiResearch Manufacturing Company, Los Angeles, Calif. φ Paper, \$3.00.
  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, ili+69 p. il. 4° [Prepared by United Aircraft Research Laboratories, East Hartford, Conn.] φ Paper, \$3.00.
  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.] 31610

- 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.] 31611 31612
- All Prepared by University of Dayton Research Institute, Dayton, Ohio, for George C. Marshall Space Flight Center.] Φ Paper, \$3.00.
  2289. Variation of low level winds during passage of thunderstorm gust front (with list of references); by James K. Luers. July 1973. cover title, vii+53+13 p. ii. 4° [Prepared by University of Dayton Research Institute, Dayton, Ohio, for George C. Marshall Space Flight Center.] Φ Paper, \$3.00.
  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, vii+56 p. ii. 4° [Prepared by Pennsylvania State University, University Park, Pa.] Φ Paper, \$3.00.
  2291. Asteroid and comet exploration [with lists of references]; by G. Arrhenius, H. Alfven, and R. Fitzgerald. July 1973. cover title, vii+56 p. ii. 4° [Prepared by University Research Foundation and University of California, San Diego, La Jolla, Calif.] Φ Paper, \$3.00.
  2308. High temperature superconductor Nb<sub>2</sub>Ga [with list of references]; by L. J. Vieland and A. W. Wicklund. Aug. 1973. cover title, vi+42 p. ii. 4° [Prepared by RCA Laboratories, Princeton, N.J.] Φ Paper, \$3.00.
  NASA SP. (sories) 31613
- 31614
- 31615
- 31616
  - NASA SP (series). NAS 1.21:(nos.)
- Vibration of shells [with lists of references; by] Arthur W. Leissa. 1973. viii+438 p. il. 4° (Scientific and Office) Paper, \$5.20 (S/N 3300-0422).

  L.C. card 77-186367 31617 288.
- L.C. card 77-186367

  Symposium on significant results obtained from Earth Resources Technology Satellite-1, proceedings, Goddard Space Flight Centers, New Carrollton, Md., Mar. 5-9, 1973, v. 1, Technical presentations [with list of references]; compiled and edited by Stanley C. Freden, 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.] Paper, \$13.65 per set (2 vols.) (S/N 330-00515). Item 830-1

  L.C. card 73-600115

  sec. A. xix+1-877 p. il. 4°
  sec. B. xix+578-1730 p. il. 4°
  Index to NASA tech briefs, 1972. Feb. 1973, cover title, v+138 p. 4° 31618
- 31619
- 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). Item \$30-1 31620 5113.
  - NASA technical note TN (series). NAS 1.14: D-(nos.)
- 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° †
  D-6520. Trace organic impurities in gaseous helium [with list of references]; by Thomas A. Schehl. Aug. 1973. cover title, lil+12+3 p. il. 4° \$\rightarrow\$ Paper, 31621
- Φ Paper, 31623
- 31624
- \$3.00.

  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° †

  D-6933. On numerical simulation of three-dimensional transonic flow with application to C-141 wing [with list of references]; by Harvard Lomex, +50 p. il. 4° † Paper, \$3.00.

  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.])

  D-7139. Analytical and experimental studies of shock interference heating in
- 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, 31626
- 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\$ Pa-31627 per, \$3.00.
- 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 E. C. Romanczyk. July 1973. cover title, iii+63 p. ii. 4° \$\Phi\$ Paper, \$2.00. 31628

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

Sent to Depository Libraries

	NASA te	chnical 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° $\Phi$ Pa-
31630	D-7240	
31631	D-7282.	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.  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.	Praper, \$3.00. Iterative solution of integral equation for radioactive transfer by using variational technique [with list of references]; by Kenneth K.
31633	D-7299.	variational technique [with list of references]; by Kenneth K. Yoshikawa. Aug. 1973. cover title, v+24 p. il. 4° Paper, \$3.00. Low-speed aerodynamic characteristics of fuselage model with various arrangements of clongated lift jets [with list of references]; by Raymond D. Vogler and Kenneth W. Goodson, Aug. 1973. cover title, [1]+84 p. il. 4° Paper, \$3.00.  Extension of QZ algorithm for solving generalized matrix eigenvalue problem [with list of references]; by Robert C. Ward. July 1973. cover title, ili+52 p. il. 4° Paper, \$3.00.  Oxidation at through-hole defects in fused slurry silicide coated colum-
31634	D-7305.	Extension of QZ algorithm for solving generalized matrix eigenvalue problem [with list of references]; by Robert C. Ward. July 1973. cover
31635	D-7324.	Oxidation at through-hole defects in fused slurry silicide coated columbian [sic columbium] 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-1328.	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. 11 4° \$\phi\$ Paner. \$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. 11. 49 \$\Phi\$ Paper, \$3.00.
31638	D-1550.	reformance characteristics of zinc-rich coatings applied to carpon
31639	D-7343.	Paper, \$3.00.  FORTRAN program for calculating velocities and streamlines on hubshroud mid-channel flow surface of axial- or mixed-flow turbomachine, 1User's manual [with list of references]; by Theodore Katsanis and William D. McNally. July 1973. cover title, iv+93 p. il. 4° Φ Paper, \$3.00.
31640	D7352.	BEAMR, an interactive graphic computer program for design of charged- particle beam transport systems [with list of references]; by Regis F.
31641		Leonard and Charles C. Glamati. July 1975. Cover title, [1]+48 p. li. 4° Φ Paper, \$3.00.  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° Φ 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.  Friction losses in a lubricated thrust-loaded cageless angular-contact
31643		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° & Paner \$3.00.
31644	D-7370.	Applied Hon of chase program tire-retardant technology to noising I with
31645	D-7371.	list of references; by S. R. Riccitiello and K. W. Helsing. Aug. 1973. cover title, [1]+14 p. il. 4° \$\phi\$ Paper, \$3.00. Leading-edge serrations which reduce noise of low-speed rotors [with list of references]; by Paul T. Soderman. Aug. 1973. cover title, lii +62 p. il. 4° \$\phi\$ Paper, \$3.00.
31646	D-7373.	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] 1-16 p. il. 4° Paper, \$3.00.
31647		subsystem; by Frank A. Rotramel. Aug. 1973. cover title, iv+21 p.
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. 40 P. P. S. O.
31649		Investigation of coaxial jet noise and inlet choking using R-111 A airplane [with list of references]; by Terrill W. Putnam. Aug. 1973.
31650		Dispersion of turbojet engine exhaust in flight [with list of references]; by James D. Holdeman. Aug. 1973. cover title, [1]+21 p. il. 4°
31651	D-7384.	we 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° Φ Paper, \$3.00.

- 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. ll. 4° Φ Paper, \$3.00.

  D-7386. Approximations for neutron emission spectra from proton collisions between 20 and 500 MeV on nuclei of A=12 [with list of references]; by M. O. Burrell. Aug. 1973. cover title, iv+29 p. il. 4° Φ Paper, 31653 \$3.00.
- 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° Φ Paper, \$3.00. 31654
  - NASA technical translation TT (series). NAS 1.13/2: F-(nos.)
- 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.] Φ Paper, \$6.00.

  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.] Φ Paper \$6.00. 31655
- 31656
- 31657
- 31658
- 31659
- 31660
- F-750. Space ergonomics [with list of reference]; over title, viii+492 p. 11. 4° [From Nauka Press, Leningrad, 1971.] \$\psi \text{Paper}\$, \$6.00.

  F-753. External loads and aircraft strength; by A. I. Gudkov and P. S. Leshakov. July 1973. cover title, ix+384 p. 11. 4° [Mashinostroyeniye Press, Moscow, 1968.] \$\phi\$ Paper, \$6.00.

  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. 11. 4° [Naukova Dumka Press, Kiev,1970.] \$\phi\$ Paper, \$3.00.

  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. i1. 4° [Publication of Nauka Press, Moscow, 1972.] \$\phi\$ Paper, \$3.00.

  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. i1. 4° [From Mashinostroyeniye Press, Moscow, 1972.] \$\phi\$ Paper, \$3.00.

  F-797. Methods of investigating variable stars [articles, with lists of references]; edited by V. B. Nikonov. July 1973. cover title, vii+249 p. i1. 4° [Translation of Metody issledovaniya peremennykh zvezd, Mauka Press, Moscow, 1971.] \$\phi\$ Paper, \$3.00. 31661
- 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, • Item 830-K \$6.75. 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.)
- 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.

  L.C. card 73-600115

  NAS 1.2: Ea 7/5/973/v.2

  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 SI 9.2: B 21/782-972

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

- General information leaflet.
- 22. Regional branches of National Archives. [1973.] [2]+7 p. narrow 8° 33.]) † W 8° ([73-GS 4.2: 22/3 31666
- 31667 List of record groups of National Archives and Records Service. July 1973. GS 4.19:973 cover title, iii+40 p. 4° [Replaces list of Jan. 1972.]

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

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

866. Records of Constitutional Convention of 1787, 1972, cover title, 9 p. † (Single 31668 copies only)

PI [Preliminary inventory].

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)

L.C. card 73-600147

GS 4.10: 173 21669

Reference information paper.

- 65. Transportation in nineteenth-century America, survey of cartographic records in National Archives of United States; compiled by Patrick D. McLaughlin. 1973. vii+15 p. (78-42). † GS 4.15:65 31670
- 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.

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° ([73-34.]) † GS 4.7:33 31672

## 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.)

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 31673

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

31674

304. Modernized metric system; [colored chart poster]. Revised Oct. 1972.

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, 31675 \$2.10. L.C. card 73-600194

C 13.45:(nos.) Technical notes. • Item 249-A

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. 769. 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. 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. 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. 791. Dose calibrator pilot study; [by] S. B. Carfinkel and G. J. Hine. Aug. 1973. [2]+4+[1] p. 4° Paper, 30c. 31676 31677

31678

31679

36180 \* Paper, 30c. [2]+4+[1] p. 4°

## 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 • Item 507-G-2 (NIH) 73-118.)] \* Paper, 15c. (S/N 1742-00054). HE 20.3152: M 86/973

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

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

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 31682

Series 14, Data on national health resources.

14. Podiatry manpower: general profile, United States, 1970; [by Hugo K. Koch and Hazel M. Phillips]. Aug. 1973. iii+52 p. ii. 4° (DHEW publication (HRA) 74-1805; [Division of Health Resources Statistics].) \* Paper. 80c. • Item 500-E 31683 L.C. card 73-600217 HE 20.2210: 14/10

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

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 L.C. card 73-600202 Y3M41:2N28

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

31686 Federal credit unions. [Slightly revised June 1973.] [1973.] [10] p. il. (NCUA 8005.) \* Paper, \$6.50 per 100; single copy, 10c. narrow 12° • 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: C 45

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

# 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. ii. 4° [Interim report
on project conducted under Project 7-0158; Grant OEG-3-7-000158-2037.]

\* Paper, \$1.25. ● Item 461-D-1

# 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

## 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.)

Mental health statistics: Series B, Analytical and special study reports.

3. Utilization of mental healfh 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

- 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).
- 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.) †
- 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

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

#### 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. 8p. 4° [Pre-1973. 8p. 4° [Pre-6120. Florida landings, annual summary, 1972. Aug. 1, 1973. 17 p. 4° [Pre-pared in cooperation with Florida Department of Natural Resources, Tallahassee, Fla.] 31711

Fishery market development series.

8. Let's cook fish! complete guide to fish cookery. [1972.] 54 p. il. narrow 8° Paper, \$1.25. 31712 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. Supplements 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. Supplements 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 Hydrological Decade, 1965-74.] † • Item 250-E-10 C 55.21:7
  - NOAA technical memorandum. (Environmental Research Laboratories, Boulder, Colo.)
- 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.) \$\frac{1}{2}\$ C 55.13/2: ERL ORSS-6 31719

31720	— (National Ocean Survey, Lake Survey Center, Detroit, Mich.)  NOS LSC D 4. Great Lakes ice cover, winter 1970-71; [by] R. A. Assel. Sept. 1972. [3] +10 p. 66 p. of maps and charts, 4° (Limnology Division.) † Lake Survey Center, 630 Federal Bldg., Detroit, MI 48226 (Price upon application)
	NOAA taabaisal maada (X)
31721	NOAA technical reports. (Environmental Data Service.)  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. il. 5 pl. 4° Paper, \$1.75.  Item 208-B-7

- (Environmental Research Laboratories, Boulder, Colo.)

C 55.13:(letters-nos.)

31722 31723

31724

ERL 265-APCL 26.

Modification of Great Lakes winter storms [with list of references; by] Helmut K. Welckmann, Jan. 1973, x+103

P. 11. 4\* Paper, \$1.65. • Item 208-B-7

Contributions to seismic zoning [papers, with list of references]; Samuel T. Harding, editor. May 1973. v+94

p. 11. 4\* Paper, \$1.30. • Item 208-B-7

MINIMAX, Fortran computer program to assemble machine code for interdata model 70 minicomputer on controldata 3800; [by] Heinz H. Grote. Apr. 1973. iv+124 p. 4\*

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. il. 4\* ([Weather Modification Program Office.]) \* Paper, 50c. • Item 208-B-7 31725

- (National Marine Fisheries Service.)

NMFS-CIRC-381. Fishery publications, calendar year 1967, lists and indexes:
[by] Lee C. Thorson and Mary Ellen Engett. July 1973.
iv+22 p. il. 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).

73010. Model 4100 graphic recorder, EPC Labs, Inc., Beverly, Mass. June 1973. 8 p. il. 40 [Issued with perforations.] † C 55.71:73010 31727 Technical bulletin.

RN-1008. Field test report on interocean acoustic release devices. I1 p. il.  $4^{\circ}$  [Issued with perforations.]  $\dagger$  C 55.7 31728 evices. May 1973. C 55.73 : RN-1008

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

- 31729 Bryce Canyon National Park, Utah. [1973.] [2] p. il. 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. il. 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. il. oblong large 8° folded into narrow 24° size. † Item 654 I 29.39: O 83/3/973
- 31732 Grand Teton National Park, John D. Rockefeller, jr., Memorial Parkway, Wyo. [1973.] [2] p. il. 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. il. 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. il. oblong fo folded into narrow 16° size. † ● Item 650 I 29.21: Sa 5i/2/973
- 31735 Shenandoah National Park, Va. [Revised 1973.] [1973.] [2] p. il. large 8° folded into narrow 24° size. † • Item 651 I 29.6: Sh 4/15/973

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

31736 Yellowstone National Park, Grand Teton National Park, and John D. Rockefeller, jr., National Parkway, maps: Map of Yellowstone National Park, Scale, 1.3 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 SI 11.2: B 56/770-800 L.C. card 73-13618

### 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 NS 1.22: Sci 2/3 L.C. card 73-602466

National Science Board NSB (series).

- 73-1. Science indicators 1972, report of National Science Board, 1973. viii+145 p. ii. 4° \* Paper, \$3.35 (S/N 3800-00146). Item 834-Z NS 1.28: 73-1 31739
- 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.)
- -Selected characteristics of 5 engineering and scientific occupational 31741 groups, 1972 (preliminary); prepared in Manpower Utilization Studies Group, Division of Science Resources Studies. July 20, 1973. 8 p. il. 40 NS 131: En 3/2 (NSF 73-306.)

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

- Aircraft accident report NTSB-AAR (series). 4 (Price upon applica-TD 1.112: (nos.)
- 31742 31743
- 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. 1974-1975. 1974-1975. Adopted Mar. 30, 1973. 1973. 1974-1975. N7818M, Albany, N.Y., Mar. 3, 1972; adopted Apr. 11, 1973. [1973.] 1974-1975. 1 31744
- 31745
- 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).

72-1. Special study, systematic approach to pipeline safety; adopted May 25, 1972 [with list of references]. [1972.] iii+13 p. il. 40 4 Paper. \$3.00. TD 1.118/2: 72-1 31747

## NATIONAL WEATHER SERVICE, Commerce Dept. Washington, DC 20235

31748 United States and foreign coastal radio stations accepting ships' weather † • Item 275 observation messages. Aug. 1973. cover title, 20 p. il. 4° C 55,102: R 11/2

#### NAVAL PERSONNEL BUREAU, Defense Dept. Washington, DC 20390

31749 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).

- 190. Chemical oceanographic research, present status and future direction, de-liberations 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 31750
- 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.)

- 7477. Nuclear and ion beam techniques for surface and near-surface analysis [with list of references; by] Eligius A. Wolicki. Dec. 13, 1972. cover title, iii+50 p. il. 4° (Nuclear Sciences Division.) ‡ 31752
- iii+50 p. ii. 4° (Nuclear Sciences Division.) ‡
  7546. Biological deterioration of woods in tropical environments: pt. 4. Longtern 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. ii. 4° (NRL problem G04-01, project RR 104-03-41-5503.] Φ(Price upon application, AD 761993).
  7564. Algebraic manipulation by computer [with list of references; by] R. R. Dasenbrock. June 29, 1973. cover title, i+70 p. ii. 4° (Operations research group report 73-1.) [NRL problem B01-10, project RR 003-02-41-6152.] Φ(Price upon application, AD 763659).
  7572. Standard digital data clock-rate generator with programmable digital phase shift [with list of references; by] J. P. Spraitz and G. J. Hilwig. June 29, 1973. cover title, ii+20 p. ii. 4° [NRL problem R01-34, project RF21-222-401-4353.) Φ(Price upon application, AD 764049).
  7575. Crack propagation studies in brittle materials [with list of references; by] 31753

31754

31755

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 RR02303-45-5450 and RR023-03-45-5451.] 4 (Price upon application, AD 31756

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 RO2-59, project RF-12-151-402-4015.] Φ(Price upon application, AD 764052). 31757

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. ii. 4° [NRL problems S01-68, S01-28, projects SF 11121-601-16727, RR 131-03-41-5225.] Φ(Price upon application, AD 764047). 31758

#### 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

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.) 31759

reoman 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 31760

#### 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

## 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 mp 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 5.11/8: 972/supp.8

## PRESIDENT OF UNITED STATES Washington, DC 20501

- 31766 Aerobatic 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.)
- 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 8
- Jogging guidelines. [1978.] 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)
- 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

- 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. • 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. 4º [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.) ‡
- Communication and control systems, mid-Pacific region; [by G. D. Bullock]. Oct. 1972. cover title, 10 p. il. 4° [Issued with perforations.] 31777
- Communication and control system, South Platte River projects, North Platte River projects, region 7; [by G. D. Bullock]. June 1972. cover title, 7 p. 11. 4°.

  Electrical equipment Control Valley, project, with Postfer 1 27.45/2: So 8 p/2 31778
- 21779
- River projects, region 7; [by G. D. Bander]

  Electrical equipment, Central Valley project, mid-Pacific region; [by D. J. Voelker]. Mar. 1973. cover title, 10 p. il. 4° [Issued with perforations.]

  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.]

  Electrical equipment, Minidoka projects, Central Snake projects, region 1; [by J. E. Skuderna]. June 1972. cover title, 14 p. il. 4° [Issued with perforations.]

  1 27.45/2: M 66/2 31780
- 31781
- 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 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 31782 31783
  - 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. Voleker]. Nov. & Dec. 1971. cover title, 11+8 p. il. 4° [Issued with perforations.] I 27.45/3: N 81 p. 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.] 31785
  - 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
- [Main study] [3] +xvii+83 p. il. map, 4° [Map is colored.] 31786 app. v. 1. [628] p. il. map, 4° [Map is colored.] app. v. 2. [586] p. il. map, 4° [Map is colored.] app. v. 3. [531] p. il. map, 4° [Map is colored.]

## 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. fl. † 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

#### 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
- 31798 Research reports 5, summer 1973. 1973. 8 p. il. 4° † SI 1.37: 5
  Smithsonian contributions to earth sciences. Item 910-B

31799 10. Mineralogy, mineral-chemistry, and composition of Murchison (C2) meteorite Kenneth J. Jensen. 1973. iv+39 p. ii. 4° \* Paper, 75c.

- 31800

  11. Underwater television survey of Atlantic outer continental margin near Wilmington Canyon [with list of literature cited; by] Daniel J. Stanley 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. ii. 4° \* Paper, 85c.
- 31802 152. Evolution of rails of South Atlantic Islands (Aves: Rallidae) [with list of literature cited; by] Storrs L. Olson. 1973. iii+53 p. ii. 4° \* Paper, 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 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.
- 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

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

- Research and statistics note, 1973 (series). (Office of Research and HE 3.28/2: 973/(nos.) Statistics.)
- 31810
- 13. Social security beneficiaries in metropolitan areas, 1971; [by Barbara A. Lingg]. July 13, 1973, 23 p. 4°
  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.] † 31811
- 31812 Service area directory. [Apr. 1973.] [108] p. 4° (SS pub. 33; Bureau of HE 3.2: Se 6/2/973 District Office Operations.)
- 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.] \* Pa-HE 3.3/3:971 per, \$1.50. • Item 523
- 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: C 41/973
- 31815 Your social security rights and responsibilities, disability benefits. [June 1973.] 22 p. narrow 12° (SSA-1419; DHEW publication (SSA) 73-HE 3.2: D 63/3/973 10153.) † • Item 516

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

- 31816 Drainage, why do we do it? [1973.] [15] p. il. 4° (Soil Conservation Serv-A 57.2: D 78/6 ice, Alexandria, La.)
- 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. 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). A 57.38: B 45/2 L.C. card 73-602632
- 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° 31819 \_\_ [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) A 57 38: F 73 L.C. card 73-602590
- 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) A 57.38: J 35 L.C. card 73-602640
- -Lancaster County, S.C. [with list of literature cited; by Vergil A. 31821 . 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

- 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 31822 \_\_\_ 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
- 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 31824 \_ Agricultural Sciences. Text on p. 2 of cover. One map is colored. 1 \* Paper, \$4.20. • Item 102 (Rev. 1957) L.C. card 73-602587 A 57.38: Sa 3/2

Soil survey investigations report.

Soil survey investigations report.

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.

A 57.52: 24 31825

## 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.)

- Larum Atascosa National Wildlife Refuge, Redhead Capital, USA. [Sept. 1972.] [2] p. il. oblong, fo folded into narrow 80 size.
   Santa Ana National Wildlife Refuge. [Oct. 1972.] [2] p. il. large 40 folded 31827 31828
- 31829 31830
- into narrow 8° size.

  238. Birds of Brazoria National Wildlife Refuge. [Oct. 1972.] [6] p. il. large 4° folded
  312. Mammals, Santa Ana National Wildlife Refuge. [Oct. 1972.] [6] p. il. narrow 8°
  narrow 8°

Resource publication.

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

Special scientific report: Wildlife (series).

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 31832

Wildlife leaflet.

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 31833

#### 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
- Australia [with reading list]. [Revised May 1973.] May 1973. 7 p. il. 4° ([Publication 8149.])

  Cyprus [with reading list]. [Revised June 1973.] June 1973. 7 p. il. 4° ([Publication 7932.])

  \* Paper, 20c.

  S 1.123: C 99/2/973 31834 31835

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

Background	Notes-	Continued
------------	--------	-----------

- 31836
- 31837 31838
- 31840
- Background Notes—Continued

  El Salvador [with reading list]. [Revised May 1973.] May 1973. 6 p. il. 49 ([Publication 7794.]) Paper, 20c. S. 1.123: El 7/973 ([Publication 8262.]) Paper, 20c. S. 1.223: B 49/973 ([Publication 8262.]) Paper, 20c. S. 1.223: F 49/973 ([Publication 8261.]) S. 1.223: F 49/973 ([Publication 8261.]) S. 1.223: F 88/973 ([Publication 8261.]) Revised May 1973.] May 1973. 7 p. il. 49 ([Publication 8261.]) Revised May 1973.] May 1973. 6 p. il. 49 ([Publication 7836.]) Paper, 20c. Seycheles [with reading list]. [Revised May 1973.] May 1973. 4 p. il. 49 ([Publication 7836.]) Revised May 1973.] May 1973. 4 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 4 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 4 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 4 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 4 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 5 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 4 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 5 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 5 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 5 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 6 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 6 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 6 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 6 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 6 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 6 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 6 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 6 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 6 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 6 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 6 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 6 p. il. 49 ([Publication 826.]) Revised May 1973.] May 1973. 6 p. il. 49 ([Publication 826.]) Revised May 1973.] Ma 31841 31842
- 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.] † \$1.2: W 89/4 attachment A, 3 p., issued also.]
- 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
- 81845 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
  - International boundary study. [Geographer, [Directorate for Functional Research], Bureau of Intelligence and Research.)
- 137. South Africa—Swaziland boundary [with list of documents]. July 9, 1973. [1]+3 p. map, 4° ‡
  - International organization and conference series.
- S. participation in UN, report by President to Congress for year 1972. [Sept. 1973.] xi+[1]+232+[1] p. ii. ([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 31847
  - Near East and South Asian series. ([Office of Media Services, Bureau of Public Affairs. 1)
- 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 31848
- 31849 Speaking for State [request for speaker form]. [1973.] [6] p. narrow 8° ([Speakers Division, Bureau of Public Affairs.]) †
- 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
  - 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 • Item 899 of the subscription.)
- 31851
- 31852
- 7497. Agricultural commodities, agreement between United States, and La Pazing agreement of Mar. 7, 1969, effected by exchange of notes dated La Pazing agreement of Mar. 7, 1969, effected by exchange of notes dated La Pazing agreement of Mar. 20, 1972; [entered into force Apr. 20, 1972]. [1973.] [2]+5 p. [English and Spanish.] \*Paper, 15c.

  1.C. card 73-600808

  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.

  7586. Investment guaranties, 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. 31853

- 31854
- 31855
- 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.
  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.
  7602. Bahamas long range proving ground, expanded use of Ascension Island, agreement between United States and United Kingdom 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.
  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.
- 31857 Paper, 30c.
- 7604. Prevention of foot-and-mouth disease and rinderpest, agreement between United States and Honduras, effected by exchange of notes, signed Tegucialpa 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 Tegucialpa, Nov. 17, 1972. [1972.] [2]+11 p. [English and Spanish.] 31858
- 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, 31859
- incation, 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 Bon and Bonn-Bad Godesberg, Mar. 2 and 9, 1973; [entered into force Mar. 9, 1973]. [1973.] [2]+4 p. [German and English.] \* Paper, 15c. 31860 7607. Education,
- 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. 31861
- 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, 1978]. [1978.] [2] + 6 p. [English and Russian.] \* Paper, 15c. 31862
- 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, 1978]. 31863
- 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. 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. 31864
- 31865
- 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.] 31866 Jan. 16, 19' \* Paper, 20c.
- Faper, 20c.
  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.
  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.
  7620. Social security, agreement between United States and Mexico, effected by ex-31867
- 31868
- 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.
- 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. 31870
- 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.
- 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]. [1978.] [2]+2 p. [English and Czech.] \* Paper, 10c. 31872

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

Sent to Depository Libraries Page 79

Treaties and other International Acts and Series-Continued

31873

31874

Treaties and other International Acts and Series—Continued
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.] \*Paner, 20c.
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.
7632. Trade in wool and man-made über 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. 31875

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 8732.] Bureau of Intelligence and Research.) S 1.111: 973 900-B (Rev.)

## 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° A 92.27: 971-72 (FRNT 4-1 (8-73); Crop Reporting Board.) †

## 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 TC 1.36: 972 (TC publication 601.) †

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. 1978. cover title, [3] +17 p. 4° †

#### 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 TD 1.2: G 21 L.C. card 73-602316
- 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

#### TREASURY DEPARTMENT Washington, DC 20220

31886 Study of pension plan terminations, 1972, final report. Aug. 1973. [6]+97 p. il. 4° [Prepared in cooperation with Department of Labor.]

• Item 925

T 1.2: P 38/2/8 T 1.2: P 38/2/972

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

Norm.—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. T 17.2: T 67/973 (S/N 4802-00033). • Item 950

#### 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
- 31889
- 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
  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
  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 31890
- 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 P 1.12/6: 971/trans.13 for foreign mailing. • Item 838-E

#### VETERANS ADMINISTRATION Washington, DC 20420

VA pamphlet.

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. L 25.6/2: L 52/supp. • Item 773-A

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

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

31985 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-\* 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 EP 2.2: D 83 and States of Indiana and Ohio.] †
- EP 2.26: (nos.) Technical study report TS (series). †
- 03-71-208-001.2. Preimpoundment study of West Point Lake, Ga. [with list of references; by] Robert F. Schneider [and others]. Jan. 1972. [206] p. ll. 4° (Southeast Water Lab, Surveillance and Analysis Division.)

  03-71-208-001.4. Preimpoundment study, Carters Lake [with list of references]. Mar. 1972. cover title, [68] p. ll. 4° (Region 4, Surveillance and Analysis Division.) [Studies conducted by personnel from Federal Water Pollution Control Administration Southeast Water Laboratory.] 31901
- personnel from Federal Water Pollution Control Adminis-tration, Southeast Water Laboratory.]
  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 31902 03-71-208-07. Pollution Control.]

## 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.

Abaca : disposal from national stockpile— law, 30921 report, 31064 Abandoned housing research, compendium,

Aberdeen Proving Ground, disposition of real property assets, hearings, 31010 Ahllity, lack of bilateral generalization of adaption to auditory rearrangements, Ability, lac adaption 31578

Absorbent materials, absorbing materials and control rods for fast reactors, USSR study, 31528

31528
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

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—

Acquisition management systems list, 31178-

179 ACR series, 31750

ACK series, 31400
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 servoactuator devel-opment, 30763 Addresses, lectures, etc. :

by-Brennan, Peter J., 31553-554 Browne, Secor D., 30872 Dent, Frederick B., 30892 Fletcher, James, 31663 Marland, Sidney P., jr., 31219 Miller, Edward B., 31706-7 Sisco, Joseph J., 31848 Tabor, John K., 30893 Wakefield, Stephen A., 31499 31219, 31234 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

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

31420 31420 Advertising, use of formal advertising for government procurement can, and should, be improved, GAO report, 31385 Advisory Commission on Intergovernmental Relations: use of formal advertising for

Advisory Commission on Intergovernmental Relations:
annual report, 30687
appropriations, 1974, report, 31117
Advisory Committee on Federal Pay, appropriations, 1974, report, 31117
AFC, 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

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.

#### INDEX

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: Aerospace, see Outer space. Aerospace physiology, see Physiology. AFHRL, see Air Force Human Resources Laboratory. Sahel, drought crisis, hearing, 31021 southwest coast, salling 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 Aged: 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
forcast nuclear power plants effects on
coastal zones, 30771 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. Air carriers : 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
Philipines, 31874 products. Air Force Philippines, 31874 Sudan, 31861 Viet-Nam, Republic, 31870 exports, limit, report, 30997 food and agricultural 31349 export director. 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, Air Air 30733 30693 Agricultural research technicians, jobs as agricultural and biological technicians, biological laboratory technicians, agricul-tural research technicians, examination announcement, 30882 Agriculture :

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. r Force Human Resources Laboratory, technical reports, 30729-731 r Force Systems Command, pamphlet, 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 griculture:

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 abstracts—
aluminum, 30720
lead, 30721
air quality data, from national air survellance 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 specabstracts corporate secrecy, agribusiness, hearings, in classroom, teacher's guide, 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

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

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, 30729-729

APTD series, 30722-728

air transport services, agreement with Union Soviet Socialist Republics, 31862 local service, unit costs, 30871 1972 general overview of air carriers (re-marks), 30872 Air conditioning, equipment, current indus-trial reports, 30837 Air Force:

31166 farming

30717

Air pollution—Continued guidelines for development of quality as-surance program, 31271 selected industrial air pollution control equipment, current industrial reports, 30847

ir power and F-14 appropria-1974, authorization, hearings, tactical air

training institute, curriculum description and recommendations, 30728

Air safety, see Safety of life.

Air speed

nr 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

ATC procedures for random area navigation routes, 31314 control— Air traffic:

en route air traffic control handbook,

flight services handbook, 30735 special military operations has military operations handbook,

30736 sponses 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,

craft-pavement interaction studies, finite-element model of jointed concrete pavement on non-linear viscous subaircraft-pavement

audit of programs from special bank account to Lockheed Aircraft Corporation for C-5A aircraft program during quarter ended June 30, 1973, GAO report,

ortificate of airworthiness for imported nircraft, 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-

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 clongated lift jets on V/STOL
model, 31633
numerical simulation of three-dimensional
transonic flow with application to C-141
wing, 31624

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 air-frame strength flight tests, 31660 Airmen, see Air Force.

Airplanes:

arplane noise levels, 31313 flight test guide, private pilot airplane, 31341

31341
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 Missississippi, Alabama, and Florida, 31568
Alaska:

aska: census of transportation, 1972, truck in-ventory and use survey, 30813 Indians, Alaska natives, 31444 research opportunities and needs in taiga of Alaska, 31359 trans-Alaska oil and gas pipeline, author-

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, 23304

31804

Algebra; algebraic manipulation by computer, 31754 MANIP, computer system for algebra and analytic differentiation, 31719 Algonquian Indians, general information, 31445

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, with-bolding of tax, 31500

Aliso Creek, flood plain information, Orange County, 31248
Allen, Hollis H., characterizing vegetation from existing source material for predicting munition helpht 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
Alternative futures and environmental quality, 31311

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
Alumium, 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. Blind,

American Printing House for the Blind, appropriations, 1974, hearings, 31009 American revolution, see Revolution, 1775-

American Samoa, county business patterns,

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 implies.

Angola economic trends and their implica-tions for United States, 31506 Angstroms, see Wave lengths. Animals, problems of control of body func-tions 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, 21071

annuity enginers
31071
See also Civil service pensions.
Anomalies, waves, instabilities and anomalous dissipation of parametric plasma instrong 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
Antocholinesterase, subtle changes in brain functions produced by single doses of

functions produced by sin mevinphos (phosdrin), 30786 Anti-friction bearings, see B Bearings

chinery).

Apache Indians, general information, 31446

APCL, see Atmospheric Physics and Chemistry Laboratory.

Apollo Project, see Project Apollo (man-in-

Appalachian region:
Appalachian research reports, 30747-749
capital resources in central Appalachian region, 30748

recreation potential in Appalachian high-lands, market analysis, 30749 spatial concentration of industry in Ap-palachia, analysis of potential for im-port substitution, 30747

strategy for development in central Appalachia, 30747-748
Appalachian Regional Commission, annual reports, 30742-746
Appalachian Paralament Development Commission

Appalachian Regional Development Commispublic works appropriations, 1974, sion. report, 30989 adverse actions and appeals hand-

Appeals, adverse ac book, 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 Government matters, 1974, congeneral tinue

law, 30924 report, 30990 Judiciary, 1973, supplemental, proposal,

Judiciary, 1973, supplemental, proposal, 30947; 101clary, 1974, amendments, 30949, 31058 legislative, 1973, supplemental, proposal, 30947, 30950, 30955 legislative branch, 1974—amendments, 30949 hearings, 31129 impoundment control and 1974 expenditure celling, 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 appricots for home use, 30705.

Apricots, growing appricots 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, list,

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.

cizona, 1970 census of population, characteristics of population, 30800 rkansas, Arkansas River basin compact, grant consent to Arkansas and Oklahoma, 31074 Arkansas,

Arkansas River, basin compact, grant of sent to Arkansas and Oklahoma, 31074 Armed Forces:

personal property traffic management regu-

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 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 Develop-ment 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 man-

transportation reference data, field man-ual, 30752 rmy Material Command: AMC pamphlet, 30750 index of AMC-sponsored DA administra-tive publications and DOD publications, 30750

Army Memorial Affairs Agency, appropriations, 1974, hearings, 31130
Army Research Office, research in progress,

Army Research Omce, 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, 20275

Artificial organs, see Artificial heart. Artificial satellites, see Satellites. Arts and crafts:

enry Ossawa Tanner commemorative stamp, American arts series (poster), 31889 Henry

Willa Cather commemorative American aris 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 21886

land, 31856
Ash (tree):
American wood, 31352
Ashtabula County, Ohio, soil survey report,

Asplatt, concrete plants, background information for proposed new source performance standards, 30722
Aspltarte, 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, astrophysics

see also Astrometry—Astrophysics, Astrophysics, astrometry and astrophysics, research of sun and stars, 31658
Asymptotic solutions, see Mathematics.
At research frontier goals and achievements

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 all

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 inter-planetary station Venera-8, USSR study, 31544

planetary station venera-s, USSA 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 fronter, 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

30766-783

AEC symposium series, 30768 appropriations, 1974, authorization— law, 30931 report, 30974 Health and Safety Laboratory, fallout pro-

gram, 30773 quarterly summary

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 Comittee: committee print, 30937 reports, 30974, 31093

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, 20076

30787

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:

Auditing: audit guide for use by independent public accountants for urban renewal program,

31436 standards for audit of Governmental or-ganizations, 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 Autis-

tic Children's Week.

Automated apprenticeship training (AAT), systematized audiovisual approach to self-

paced job training, 30729
Automatic data processing systems.
Electronic data processing systems.
Automation of instruction, see Ter systems, 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 :

utomobiles:
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
Saviat correspondents report motor trip

Soviet correspondents report motor trip through United States, U.S.S.R. study,

suspension of 1975 auto emission stand-ards, decision of Administrator of En-vironmental Protection Agency regard-ing, 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. Everett Jordan Dam and Lake, designate, report, 31118
Background information for proposed new source performance standards, asphalt concrete plants, etc., 30722
Background notes, 31834-842
Bagby, D. Gordon, initial quality and lifecycle costs in military family housing, 31941

31241

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.

31319, Ballistics, allistics, radiographic, petrographic, and SEM evaluation of ballistically loaded clay, 31261

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

30981 payment of interest on time and savings deposits, extend certain laws, law, 30934 see also National banks.

Barabba, Vincent P., nomination, having, 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

31727
Baumgartner, D. J., brief outline of study of sewawge 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): puter program for design of charged-particle beam transport systems, 31640 Bearings (machinery): foll 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, curent industrial reports, 30843 Bee culture, analysis of beekeeping produc-tion 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
Rehavior, 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 require-

fisheries handbook of engineering require-ments and biological criteria, 31247 survival of fish passing through spillways and conduits. compendium, 31238 Bender. Bernice, MANIP, computer system for algebra and analytic differentiation, for al 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 Photonuclear Reactions and Applications, proceedings, 30769
Berrien County, Ga., soil survey report, 31818

31818 Better communities act. cities speak, 31412 Beyond the melting pot, 31219 BHC, see Benzene Hexachloride.

BHC, see Benzene Hexachloride.

Bibliography:
air pollution aspects of emmission 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 minority business enterprise, 30894

productivity, 31560

Bibliography—Continued
Spanish-language health communications
teaching aids, 31410 timber products, milling and utilization, 31357

Big Delta, Alaska, Salcha-Big Delta Area soil survey report, 31824 Binaural beat perception, see Perception. Biodynamics, see Physiology. Bioelectric control, 31539

Bioelectric control, 31539
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 sciences, see 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, 21827

stD24 fisheries handbook of engineering require-ments and biological criteria, 31247 gas chromatography, method of determin-ing harmful substances in air and in biological media, USSR study, 31529 professional careers in biological and agri-

professional careers in biological and agri-cultural 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 bibliog-raphy, 31703 Biota, freshwater unionaocean clams (Mol-lusca: Pelecypoda) of North America,

Birds, Braze list, 31829 Brazoria National Wildlife Refuge,

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 re-moval from kraft bleach wastes, 31283 Blindness, transient blindness due to com-bined effects of mevinphos and atropine,

losser, E. R., develop operational system for evaluating and testing methods and in-struments for determining effects of fuels and fuel additives on automobile emis-sions, 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 plivia, agricultural commodities,

Bolivia, ment, 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 suvey, 31504
Borcher, Sidney D., business data processing occupational performance survey, 31693

osselman, Fred, taking issue, analysis of constitutional limits of land use control, 31174 Bosselman.

Botanic Garden, appropriations, 1974, legis-lative, hearings, 31129 Bottles, Oregon, bottle bill, first 6 months,

Bottles,

oulder Canyon project, electrical equip-ment, region 3, field review of operation and maintenance, 31785 Boulder Boundaries

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 bound-

ary-layer characteristics on high-lift, BLC L-19 test alreraft, 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

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, foll journal bearings for Brayer.

Brayton cycle, foll journal bearings for Brayton rotating unit, design, fabrication and performance, 31604

Brazil :

fisheries, shrimp, agreement, 31857 remote sensing for earth resources, agreement, 21055

ment, 31855
Brazoria National Wildlife Refuge, birds,
list, 31829

Breeder reactors, see Reactors (atomic).
Brehm, William K., nomination, hearing, 31133

Brennan, Peter J.: speeches

speeches—
July 24, 1973, 31554
July 26, 1973, 31553
The speech of the sp

31756 Broadcasting, see Television. Broadwoven goods, see Textiles. Bronze, brass or bronze ingot

plants. background information for proposed new source performance standards, 30722

Brown, D. N., lateral distribution of aircraft traffic, 31260

Browne, Secor D., address, Dec. 19, 1972, 30872
Bryce Canyon National Park, Utah, general information, 31729
Budd, Edward C., size distribution of family Secor D., address, Dec. 19, 1972, |

personal income, methodology mates for 1964, 31213 Budget of United States: Federal fiscal polley, 31339

1974-

amendments, proposal, 30954 status, scorekeeping reports, 31043-44 Buffeting loads, see Load (mechanics). Builders, publications of interest to, li Building:

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' builetins—also names
of departments, etc., issuing bulletins—
also subjects.

also subjects.

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

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=12, 31653

Bush, Joseph C., industry wage survey, footwar, 31564

Business:

business data procession

usiness:
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

ings, 31165 international economic indicators, 31203 minority business enterprise, bibliography,

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

reports, 30998, 31 Buying, see Purchasing.

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 reports, 30845 industrial

Calculations, see Numerical calculations. Calendars:

calendar of environmental meetings. quarterly, 31303 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, 31137
Campaigns (political), see Elections.

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: cancer of mouth, 31681
radionuclide carcinogenesis, 30768
Canning and preserving, low water volume
enzyme deactivation of vegetables before
preservation, 31278
Canton Ligand.

Canton Island Service contract act, extend to Canton Island-

law, 30928

law, 30928
report, 30973
Capital, capital resources in central Appalachian region, 30748
Capital, Capital 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 infor-

Carbon dioxide, development of design information for molecular-sleve 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 Lake, preimpoundment 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,

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 bonsal, 30706
Cattle, number of cattle and calf, 31878
Cebeci, Turcer, some problems of calculation of 3-dimensional boundary-layer flows on general configurations, 31611
Cedar Breaks National Mounment, Utah, general information, 31730
Census:

agriculture, financing, availability, etc., hearings, 31039 agriculture, 1969, general reports, 30789-

census employment survey users' guide,

31566 farms, number, use of land, size of farms, 1969 census of agriculture, 30789

housing, 1970components 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
trunk inventory and use survey, 30813—

truck inventory and use survey, 30813-815

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

States, 1967-71, North-Central 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 analytications of the component flows

Chamber devices, experimental and analytical study of one- and two-component flows in spherical chambers, 31609
Chancelleries, Chancery act, amend, hear-

Chancelleries, Chancery act, amend, hearing, 31040
Chanceries, see Chancelleries.
Chaplains, Naval Reserve handbook, 31749
Characterizing vegetation from existing source material for predicting munition height of burst in inaccessibe areas, 31258
Charged particles, see Particles.
Charges for care and sources of payment for residents in nursing homes, United States, 21682

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

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,

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, Calift, 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

ing 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 physicalchemical-biological sludges, 31281
see also names of chemicals.
Chemistry, mineralogy, mineral-chemistry,
and composition of Murchison (C2) meteorite, 31799

orite, 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:

hildren:
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, national assessment and social indicators,

31225 see also Day care of children-Juvenile delinquency.

nile:
and International Telephone and Telegraph Company, multinational corporations and United States foreign policy,
hearings, 31141

nearings, 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,

Chippewa 31453 Chiropody, podiatry manpower, general pro-file, 31683

Chiropody, podiatry manpower, general profile, 31683
Chlorine, working with chlorine, 31689
Chloropicrin, relative toxicity of chloropicrin, phosphine, EDC—CCl4 and CCl4—CS2 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

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:

tles and cowns: 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

HUD new communities program, oversight, hearings, 31014
model cities programs, comparative analysis of city response patterns and their relation to future urban policy, 31487
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 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,
31440-444
Civil Aeronautics Board

Civil Aeronautics Board: appropriations, 1974, report, 30977 reports, economic and safety enforcement cases, 30870

cases, 30870
Civil aviation, see Aeronautics.
Civil defense, see Civilian defense.
Civil preparedness new dual mission, 31175
Civil rights act, amend, 31155

examination announcementsauditors, accountants, IRS 30876

biological and agricultural sciences, pro-

biological and agricultural sciences, pro-fessional careers, 30874
engineering, physical sciences, and re-lated positions, 30875
jobs as agricultural and biological tech-nicians, biological laboratory techni-cians, agricultural research techni-cians, 30882
junior Federal Assistant, 30873
executive manpower in Federal service,

personnel manual, supplement, Federal

job grading system for trades and labor occupations, 30880 opportunities in Federal service for vet-

erans, 30887 e also Government Officials and em-

see also Govern...
ployees.
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,

survivor annuities of civil service retirees, increase to full when not married, re-

ort, 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. pro-posed supplemental appropriations to pay, 30948 you asked about tribal claims against

United States, 31492 Clams, freshwater unioncean clams lusca ; Pelecypoda) of North America, 31310

Class rooms, see Classrooms.

Classification, see names of substances, objects, etc., classified.

Classrooms, promoting mental health 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

and nutrients
States, 31365
Clearing of land, land clearing and wood use
in Delaware, 31361
Clemente, Roberto Walker Commemorative
medals, see Roberto Walker Clemente

Clocks, standard digital data clock-rate gen-erator 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 du constituents of coal during gasification, 31272 Coal dust :

minimum extinguishant and maximum oxy-gen concentrations for extinguishing coal dust-air explosions, 31594 spectral growth of expanding flames, in-frared radiance of methane-air ignitions

frared 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 silicode coated columbian alloys FS-85 and Ch-752, 31635

see also Metal coatings.
Cobalt, preparation of samarium-cobalt magnets, 31595

indicators of educational

nets, 31595 Cobern, Morris, indicators of educatic outcome, 31224 Code of Federal regulations, 31329-338 see also for titles, chapters, etc., of Code printed separately, subject of the Code printed separately, volved. see Code of Federal regulations-also

ubjects.

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 per-cent from 1971-72, 31740 index of institutions of higher education by State and congressional district,

31223 ollins, Larry R., monotremes and mar-supials, reference for zoological institu-Collins. ions, 31797

Collisions, see Aircraft accidents. Collisions (electronics):

Collisions (electronics):
approximations for neutron emission spectra from proton collisions between 20 and 500 MeV on nuclei of A≥12, 31653
Colloids, biological removal of colloidal matter from wastewater, 31276
Colner, Donald, fire service locationallocation models, 31678
Collombia, carfully and compandities, agrees

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

Columbium, see Niobium Comanche Indians, ge

Comanche 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 emis-

sions, 30761 asteroid and comet exploration,

Comets 31615

Command modules, see Spacecraft modules. Commemorative stamps, see Postage stamps. Commerce export mailing list and FTI tape services, 31202

foreign trade

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

terstate commerce, protect free flow without damage to environment, hear-ings, 31138 interstate

overseas trade promotions calendar, 31211 Trade reform act, hearings, 31042 U.S. trade promotion facilities abroad, 31212

e also Transit (international)—also names or classes of articles of commerce.

merce.
Commerce Committee, Senate:
committee print, 31139
hearings, 31137-138
reports, 31071, 31080-81, 31085, 3109495, 31114-115, 31119
Commerce Department:
appropriations, 1974—
amendments, proposals, 30959, 31060
hearings, 31127
supplemental proposal, 21056

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, see committee on, House, hearings, 31016
Commodities, see names of commodities.
Communications:

Communications

act, amend, hearings, 31137

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, Gen-

eral Manager, nomination of Alberto F. Trevino, ir., 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 n

HUD new communities program, over-sight, hearings, 31014 planned-unit development with homes as-sociation, 31328

see also Redevelopment (city planning,

etc.) Community life. mmunity life, reintegration of offender into community, 31551

Commuter transportation, see Transportation.

Competency to stand trial and mental ill-

Competency to stand trial and mental liness, 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

Computer programs/programming: FORTRAN program— calculating critical speeds of rotating shafts, 31652

calculating velocities and streamlines on

calculating velocities and streamlines on hub-shroud and mid-channel flow sur-face of axial- or mixed-flow turboma-chine, user's manual, 31639 vortex lattice method for estimating subsonic aerodynamic characteristics of complex planforms, 31621 inproved helicopter structural crash-worthiness analytical and design tech-niques, test data and descriptions of unsymmertical crash analysis computer program, 30759

unsymmertical 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:

sphalt concrete plants, background in-formation for proposed new source perasphalt

formance standards, 30722 concrete and concreting materials exposed to natural weathering, performance in-

to natural wearnering, periodically vestigation, 31263 effect of load variations on flexural fatigue strength of plain concrete, 31319 effect of welding on fatigue life of highstrength reinforcing steel used in construction and procedure to payements, tinuously reinforced concrete pavements, 31326

Conduits, survival of fish passing through spillways and conduits, compendium, 31238 committees. Conference 30993reports, 994. 30999, 31002-06, 31102, 31108

Conferences, congresses, etc.: calendar of environmental meetings, quar-terly, 31303

Conferences, congresses, etc.—Continued Defense Civil Preparedness, Agency, catalog of courses and conferences, catalog 31176 international organization and conference

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 celling, 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.

States.

Congressional serial set, 30898-899 Conrad, C. Carson, physical con-through water exercises, 31772 conditioning

through water exercises, 31772
Conrad, G., dlode 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 Labora-

tory

tory:
preliminary reports, 31239-240
technical reports, 31241-244
Construction materials, clay construction
products, summary for 1972, current industrial reports, 30839 Consumers

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 containars 31574 31574 ers,

Containers:

closures, current industrial reports, 30840 see also Containerization—types of con-

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

underwater television survey of Atlantic outer continental margin near Wilming-ton Canyon, 31800 Contractor report NASA CR (series), 31603-

Contractors, Federal contractor job listing emphasizing employment of veterans, ques-tions 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
bloelectric 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 opitical 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
Converters, template converter program, 31320

Converters, template converter program, 31320

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 Cooper, Paul, turbule 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 or-

Coperatives, 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 cop-

quutes, suspension on certain forms of cop-per 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

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 Rehabilita-

tion of criminals.

Correlation (statistics): retrieval of dispersive and convective transport phenomena in fluids using stationary and nonstationary time domain analysis, 31630

Correspondents, Soviet correspondents

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

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:

business patterns, CBP series, county busine 30818-835

a) outlies patterns, CDF series, 30818-835
publications order form, 30836
data book, 1972—
departmental edition, 30917
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

rials, 31756
Crafts, Donald, investing in Yugoslavia, 31204
Crafg, 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 CRREL, see Cold Regions Research and En-

gineering Laboratory.
Crutcher, Harold L., note on gamma distribution computer program and graph paper,

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

Sil273
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:

Curriculum

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
CVPTUS:

Cyprus:

background notes, 31835 economic trends and their implications for United States, 31508 Cytoxins, 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

Dancing, 31766

Dasenbrock, R. R., algebraic manipulation by computer, 31754
Data acquisition:
data acquisition systems in water quality management, 31306
MIDAS modular interactive data acquisi-

MIDAS, modular interactive data acquisi-tion system, description and specifica-tion, 31679

Data processing, see Electronic data processing systems.
Data retrieval, see Information storage and retrieval systems.
Data storage and retrieval systems, see Information to the storage and retrieval systems.

formation storage and retrieval systems, or 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, 30868
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, Tena., 31788

# INDEX

see also names of Courts or departments,

etc., rendering decisions.

Defense Civil Preparedness catalogs of courses and conferences, 31176
civil preparedness, new dual mission, annual report, 31175
miscellaneous publications MP 31176

miscellaneous publications MP series, 31176
Defense Department:
appropriations, 1974—
hearings, 31008
military procurement, authorization, hearings, 31132
report, 31117
Assistant Secretary, nomination of William Keich 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 31378

DOD pamphlets, 31493 index of AMC-sponsored DA administrative publications and DOD publications, publications

military standard, 31193
use of formal advertising for government
procurement can, and should, he improved, GAO report, 31885
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).

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
entry of the second seco

Delaware Kiver 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 2 27440

Delta Air Lines, 1nc., aircraft accident to port. 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 pline

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, 20090 30689

Departmental time and cost reporting sysregional and field office instructions, 31422

Dependents, see Pensions. Depression (psychology): depressive disorders, 31699

Desalination, ion exchange color and min-eral 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

isions, use of simulation models pertaining to best mix of aircraft, support personnel, spare parts, and level of repair, 30730 ee also names of Courts or departments, etc., rendering decisions. ense Civil Preparedness Agency: atalogs of courses and conferences, 31176 and report, 31175 niscellaneous publications MP series, 31176 Preparedness: Agency: and report, 31176 publications MP series, 3

development.

development.

Development assistance, see Foreign aid.
Development of design information for molecular-sleve type regenerative CO2-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

components

Diffusional and metabolic nitrogen elimination through lungs, effects

of pressure, 31580
Digestion, total soil nitrogen analysis using micro-Kjeldahl digestion and portable distillation equipment, 31369 gests, 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 ederal financial management directory, 31376

and agricultural export directory, 31349 military assistance program address direc-tory, 31196

tory, 31196 ost offices, national ZIP code directory,

31891

scientific directory and annual bibliog-raphy, 31703 service area directory, Social Security

raphy, 31708
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 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 health care services, report, emergency

Federal agency contacts for natural disaster, 31417

# NOVEMBER 1973

Discrimination in employment:

Discrimination in employment:

Equal employment opportunity act, legislative history, 31155
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 retaining

turbulent fluid friction of rotating disks, 31607 Distances, improvement of absolute distance estimation under water, use of monocular motion parallax, 31582

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, 31i28
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, avallable heated wet-suit protection for divers and swimmers, 31581
Diving outfits, available heated wet-suit protection for divers and swimmers, 31581

tection for divers and swimmers, 31581 mooring locations and

terminals, docks, mooring low 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. 21200 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.

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 interna-tional 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), cos Wester M. Dumping (waste products), see Waste dis-

posal.

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

Earned degrees conferred, 31222 Earnings, see Wages.

Earth:

remote sensing for earth resources, agree-ment 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.

interaction finite-element model of jointed concrete pavement on non-linear viscous subpavement on grade, 31240

Ecology, ecological research series, 31267-269

Economic Analysis Bureau :

BEA quarterly econometric model, 3. 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 apact of tax-exempt f charitable trusts, 31015 impact of foundations and

international economic indicators, 31203 see also names of countries, States, etc. Economic controls, see Economic stabiliza-

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

Economic development—Continued provide for financing economic development of Indians and Indian organizations, hearing, 31144

tions, 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 lindane and BHC, 31216
Economic Joint Committee, committee prints,
30938-940
Economic Opportunity Office:

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. 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;

program

economic stabilization p 31171-173 Federal fiscal policy, 31339 phase 4-

nase 4— food regulations, 31171 oil regulations, 31172 President's economic stabilization pro-gram (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 amend-

ments, report, 30996
educational statistics, digest, 31221
exchange programs, financing agreement,
with Federal Republic of Germany, 31860 indicators 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 in-

struction—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,

Bl27 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

pollution, 31298

Effect of copper and silicon on selected mechanical properties of hot-rolled mediumcarbon 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.
Ei Salvador, background notes, 31836
Eiderly people, see Aged.
Eilections:

Elections

Campaign communications reform act.

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

gion, 31779

ungry Horse project, Grand Coulee Dam Operation Office, Yakima project, region 1, field review of maintenance, 31780 Hungry

Minidoka projects, Central Snake projects, field review of maintenance. ects, 31781 maintenance.

orth Platte River projects, S. Platte River projects, region 7, review of operation and maintenance.

Parker-Davis project, Yuma project,
Boulder Canyon project, field review
of operation and maintenance, 31783
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 support

hieles of Mach number of 20.3, 31631

Electric conductors, high temperature superconductor NbaGa, 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

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 electrification Rural act, amend, 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 non-linear dissipation of high-frequency radio waves in plasma, USSR study, 31532
Electromagnetic spectrum, see Spectra.
Electromagnetic waves, see Electromagnetic radiation.

radiation.

Electron ectron beams, BEAMR, an interactive graphic computer program for design of charged-particle beam transport systems,

Electron microscopy, radiographic, petrographic, and SEM evaluation of ballistically loaded clay, 31261
Electron probe microanalysis, rigorous cor-

rection procedure for quantitative electron probe microanalysis, 31677 Electronic computers:

manipulation by computer.

MINIMAX, FORTRAN computer program to assemble machine code for interdata model 70 minicomputer on control-data 3800, 31724

standard digital data clock-rate generator with programmable digital phase shift, 31755

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 recognitions

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

tronic computer computer e also Computer programs/program-ming-Information storage and retriev-

al systems Electronic equipment, photoelectronic thermoelectronic instruments and applications, USSR study, 31542 their

Electronics, communications-electronics management of electromagnetic spectrum

Electrons :

boundary-layer electron profiles for entry of blunt slender body at high altitude,

random walk study of electron motion in helium in crossed electromagnetic fields, 31023

Elementary schools:

statistics oflocal 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-

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.

where employed. Employment:

census employment survey user's guide, 31566

31966 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

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.

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

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 gineering and scientific occupational groups, selected characteristics, 31741 immigrant scientists and engineers

United States, study of characteristics and attitudes, 31738 persons in engineering, scientific, and technical occupations, current population re-

ports, 30852 publications of interest to, list, 31356

Engineers Corps, Army: appropriations, 1974, hearings, 31130 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 re-

ports, 30842

### INDEX

dispersion of turbojet engine exhaust in flight, 31650 English language, Federal textbook on citizenship, home study course, English and State Government, 31440 Enlished men acc. Appl.

State Government, 3140 Enlisted men, see Army. Enlisted women, see Army. Enlistment, see Recruiting and enlistment. Enrollment, see Colleges and universities. Entiat Experimental Forest, first-year vege-tation after fire, reseeding, and fertiliza-tion on Entiat Experimental Forest, 31367 Environment:

nvironment:
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, 31239
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

31138

environmental protection technology series, 31272-293 final environmental statement for prototype oil-shale leasing program, public hearings during review, 31495 an and his environment, USSR study,

an and 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

31306

and man's environment (address), space 31663

Environmental Data Service, NO cal report, EDS series, 31721 Environmental health, see Health NOAA techni-

Environmental pollution, see Pollution. Environmental Protection Agency:

Administratordecision 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 and EPA regions, inventory, States 31296-297

Rocky Mountain Prairie Region, life, pass it on, PAO series, 31298-301 Environmental Quality Office:

appropriations, 1974, authorization, law, 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 deactivavegetables before preservation, tion 31278

EPA, see Environmental Protection Agency. Equal employment opportunity, see Discrimination in employment.

Equations:

survey cubic-foot volume equations, forest su

iterative solution of integral equation for radiative transfer by using variational technique, 31632 Equations of motion, application of matched asymptotic expansions to lunar and inter-planetary 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 chemi-cal equilibrium, 31627

Equipment, see names and types of equip-

ment

Ergonomics. see Human engineering. ERL, see Environmental Research Labora-tories.

EROS, see Earth Resources Observation Systems.

ERS, see Economic Research Service. ERTS (earth resources technology

ERTS (earth resources technology satel-lites), see Satellites. ESL, see Earth Sciences Laboratories. Estate tax, see Inheritance and transfer tax. Estimating Dunning's site index from plant

indicators, 31368

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.

Eulogies, see EURATOM. European Atomic Energy 866 Community.

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 administra-

tion, 30731 Evaluation of methods for nahcolite and dawsonite for determining te in oil shales,

Evans, John S., boundary layer electron pro-files for entry of blunt slender body at high altitude, 31637

altitude, 31637 Evaporation, heat and water vapor exchange between water surface and atmosphere,

31284 Everglades, Fla., surface water records, 31397

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 testing methods and instruments for determining effects of fuels and fuel additives on automobile emissions, 31277 dispersion of turbojet engine exhaust in fight, 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, 21161

ings, 31161 Exhaust gases, s

es, see Exhaust emissions. ballooning, 1782-1972, exhibi-Exhibitions, b

tion, 31665
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 celling report, 30991
Explosives, industrial explosives and blasting cents consumption in United States

ing agents, consumption in United States,

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 mailing list and FTI tape services,

export

31202 world area by commodity groupings, an-nual foreign trade report, 30855 see also names of classes of articles ex-

ported. 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-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 stand-

ards.

Fallout, see Radioactivity. Families

and individuals, facts about relocation,

and individuals, 131416
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

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 re-

Farmer Cooperative Service, general ports, 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, improv-

ing management of farmer cooperatives, 31312

Farmers Home Administration, rural credit program, nonfarm enterprises to supple-ment farm income, 30711 Farming, see Agriculture. Farming in classroom, teacher's guide, 30717

Karms

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 of the state of th

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 ce

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

30/193
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.
FIDD 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

ings, 31150
Federal contractor job listing emphasizing employment of veterans, questions and answers on Secretary of Labor's regulation,

swers 31572 eredit unions, facts about credit Federal credit

rederal credit unions, facts about credit unions, 31686
Federal Deposit Insurance Corporation, Director, nomination of George A. LeMaistre, hearing, 31136
Federal elections campaign act, 31083, 31137
Federal employees, see Government officials

and employees.
Federal employment, see Employment.
Federal Financing Bank, establish, report,

Federal government, see Government. Federal guidelines, pretreatment of dis-charges to publicly owned treatment works, 31897

works, 31897
Federal Highway Administration:
Administrator, nomination of Norbert T.

Tiemann, 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 sys-

tems.
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

counters, rotating and reciprocating, 31183 fans and impellers, 31184 fuels, liquid and solid, 31185

jumpers, sweaters, and undershirts, 31186 lights, 31187

### INDEX

Federal item identification guides-Con. nuts, 31189 propellers and test clubs, 31190

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.

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

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.

tion. Fibers :

ners:
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. 31854 with Malaysia, agreement Field test report on

interoceanic acoustic release devices, 31728

Fighter planes: F-111A, stea

, steady-state and dynamic pres-phenomena in propulsion system, Sure 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 appropria-

1974, authorization, hearings,

31132 FIIG, see Federal item identification guides. Files and filing (documents):

NIPS formatted file system (360 FFS) user's manual, file maintenance (FM),

Filipinos, in United States, census of population, 1970, subject reports, 30807 Filters and filtration:

phosphorus removal bv trickling filter slimes, 31290

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

Filtration, see Filters and filtration. Final environmental statement for protype oil-shale leasing programs, 31495 proto-Finance:

agricultural finance review, 31215 Federal financial management directory, 31376

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, 30956 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.

see also Accounts and accounting.
Finance Committee, Senate:
additional expenditures, authorizing re-

additional expenditures, authorizing report, 31109
hearings, 31140
reports, 31088, 31120
Financial statements, see Finance.
Fine Arts Commission, appropriations, 1974, hearings, 31126
Finland, background notes, 31837
FIPS, see Information storage and retrieval

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, 31028

31038

Fires application of space program fire-retardant technology to housing, 31644 fire service location-allocation models,

fire ser 31678

standards for fire protection of AEC elec-tronic computer/data processing sys-tems, 30781

tome computer data processing sys-tems, 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, 21957

31857

marketing development series, fishery 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, Fishery 31831

Fixed wing flight, 30751 Flags, our flag, story, etc., 30944 Flags (aircraft):

effect of wing aspect ratio and flap span on aerodynamic characteristics of ex-ternally blown jet-flap STOL model, ternally 31629

Fletcher, James C., address, Mar. 17, 1973, 31663

Flexible GI interest rate authority in VA, 30992

### NOVEMBER 1973

Flight:
dispersion of turbojet engine exhaust in fight, 31650
fixed wing, technical manual, 30751
flight test guide, private pilot airplane,

31341 methods and techniques of airframe strength flight tests, 31660 problems of space biology, tissue oxygen under extreme flight factors, 31659 services handbook, 30735

Floods

loods:
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

law, 30914

oors and flooring, stabilization of hard maple flooring with polyethylene glycol 1000, 31370 Florida:

lorida:
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
low:

Flow :

iow:
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,

critical 31676

31676
experimental and analytical study of oneand two-component flows in spherical
chambers, 31609
FORTRAN program for calculating velocities and streamlines on hub-shroud and
mid-channel flow surface of axial- or
mixed-flow turbomachine, user's manual,
21829 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 control of a dimensional co

sional 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:

trieval of dispersive and convective transport phenomena in fluids using stationary and nonstationary time doretrieval main 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, 31273

Fluorescent lamps, see Electric lamps. Fluoridation, fluoridation engineering man-

Fluoridation, nuoridation engineering man-ual, 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 re-

port, 31819

Food: Federal food programs, 1973, hearings, 31157

and agricultural export directory, 31349

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.
od and Nutrition Service, FNS series,

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, 20210. 30719

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,

medium-term 31524

31524
Foreign Affairs, Committee, House:
hearings, 31021-22
report, 30978
Foreign Agricultural Service:
miscellanoeus, FAS-M series, 31349-350
special reports, list, 31351
Foreign agriculture, see Agriculture.
Foreign aid:

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 impli-cations for United States, ET series, 31501-514

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.

guages 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 classes countries.

countries.
Foreigners, see Aliens.
Forest lands, see Forests and forestry.
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 wood-

woodfurniture manufacturers and workers, 31358 interest to architects, 31356

timber products, milling and utilization, 31357

Forest Service

orest 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
orest survey cubic-foot volume equations,

31364 Forest thinning, tree growth and water use response to thinning in 47-year-old Lodge-

pole pine stand, 31366

pole 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 survey cubic-foot volume equations,

forest

future role of chemicals in forestry, 31360 research notes, 31361-369 research poportunities and needs in taiga

research opportunities and needs in taiga of Alaska, 31359 research papers, 31370-374 Spokane Indian Reservation forest inventory analysis, 31487 see also National forests.

ort Belknap Reservation, resources and development potential, 31484 ort Worth, Tex., aircraft accident report,

FORTRAN. see Computer programs/pro-

graming

Foster, Betty J., statistics of public elementary and secondary day schools, fall 1972,

Fouling organisms, EPA compendium of pes ticides, antifouling compounds, etc., Foundations (charitable and educational): tax-exempt foundations and charitable trusts, their impact on our economy,

31015 Fowler, D. Lee, pesticide review, 30695 Sacs and Foxes, general infor-

Fox Indians, Samation, 31474

Fragmentation, fragment and penetration resistance of soils high-velocity fragment penetration into laboratory-prepared soil targets, 31259

Franking privilege, mail man age accountability, 31423 mail management, post-

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 dissipation 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 ection 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, 31206
Poland, 31207
Frogs, frog genus Atelopus in Ecuador
(Anura, Bufonidae), 31801
Fruit:

fruit and vegetable (series), 30691-692 shipment by unloads FVUS

commodities, States, months, 30692 States, commodities, countries, stations, 30691 Fryingpan-Arkansas project, annual operat-

ry, and composition of Murchison (C2) meteorite, 31799

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 idenfuels, liquid and solid, I tification 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, phoshine, EDC-CCl4- and CCl4-CS2 to

various life stages, 30693 Funds, private funds for mental health re-

search, list, 31697
see also subjects for which funds are used. long-term resistance in terrestrial Fungi, fungi and termites, 31753

Furniture, manufacturers and wood workers publications, list, 31358

Futures, see Speculation. FVUS series, 30691-692

Galts, 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 Na-tional Policy toward, see National Policy toward Gambling, Commission on Review

Game and game birds, see Wildlife.

Gamma function, see Mathematics. Gardening, see Gardens.

Gardens, home and garden bulletins, 30700-706

Garfinkel, S. B. dose calibrator pilot study, 31680

draft environmental statement, proposed 1973 Outer Continental Shelf, oil and gas general lease sale, offshore Missis-sippl, Alabama, and Florida, 31568 drilling Atlantic Continental Shelf for oil

drilling Atlantic Continental Sheif 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, 31130

31139

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, magnesia scrubbing-regeneration, production of concentrated sulfuric

stack gas, magnesia scrubbing-regeneration, production of concentrated sulfuric acid, 31280 see also names of gases.
Gasification, see Gas.
Guzetteers, 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.

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

31359-360

Generators, standard digital data clock-rate generator with programmable digital 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 proc-esses, USSR study, 31541 Geophysical instruments, geophysical instru-ments, USSR study, 31518 Geophysics, Solar-Terrestrial Physics, report UAG series, 31265 Germany

Germany

change programs, financing, agreement with Federal Republic of Germany, 31860 exchange

departmental edition, 30943 document edition, 30943 document edition, 31845 Gerontology, patterns for progress in agin work study in social gerontology, 30689 Cibbs W. dr. diping facility persentified Gibbs, W., jr., dining facility user-attitudes and environmental design research at

Travis AFB, California, 31239 Gibson, Cecil R., Apollo experie Apollo experience 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.

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:

Government:
books on Indian history, problems,
relationship to Federal Govern Government. list, 31449

creative partnerships, Government and professional services, conference pro-ceedings, 31675 Federal financial management directory,

31376

Federal fiscal policy, 31339 financial aspects of administration of grants-in-aid to State and local govern-ments, HUD, 31421 general Government appropriations,

general 1974-

hearings, 31131 report, 31117 improving opportunities for employment of disadvantaged in State and local gov-ernments, guide for effective action, 30881

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, Fed-

eral textbook on citizenship, 31441 simplified edition, 31442 glonal government

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, 21220

code of Federal regulations, 31338 housing authorized by building permits and public contracts, construction report, 30816

Renegotiation act of 1951, extend, law, 30935 Service contract act, extend to Canton

Island

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, re-

Government offices:

overnment omees:
Federal agency contacts for natural disaster, 31417
reductions in force, permit retirement of
certain Federal employees, law, 30915
standards for audit of governmental orgamizations, programs, activities & functions, 31389
union recognition in Federal Government.

ation recognition in Federal Government, statistical report and listings by agency, etc., 30890

etc., 30890 Government officials and employees: assessment/placement profile APF tem, HUD, 31418 displaced employee program, 30879 employee training in Federal s APP

employee 30888 service. executive manpower in Federal service, Government officials and employees—Con.
Federal civilian employee loyalty-security
program, report, print additional copies,

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
Femit 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

etc., 30890

Government Operations Committee, House: committee print, 31024 hearings, 31023

Government Operations Committee, Senate: hearing, 31142 investigations and studies, authorizations

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 31385

Graduate students, see Colleges and univer-

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

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.

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.

Gravity mercant Britain:

Bahamas long range proving ground, expanded use of Ascension Island, agree-

panded use of Ascension falance, against ment, 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

modification of winter storms, weather control, etc., 31722 pilot, 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 operation and maintenance manuals. 31896

soluble particulates in ice from Greenland.

site, 2, 31236 Grievance proce

Site, 2, 3250 Grievance procedures, employee grievances handbook, HUD, 31419 Grinding and polishing, large-scale continu-ous attrition grinding of coarse kaolin,

ous attrition grinding of coarse kaoin, 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 illacs, 30704
Growth, tree growth and water use repsonse 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
Guldelines for library handbooks, 31569
Gulfs, see name of gulf, or place where
located.

Gulfs, se

Gullies, how to control a gully, 30698
Gully control structures, how to control gully, 30698
Gusts, see Winds.
Guyana, economic trends and their impli-

lyana, economic trends and their impli-cations for United States, 31511 Gypsum, mineral industry surveys, 31585

Hackberry, American wood, 31354 Hage, Richard E., better communities act, cities speak, 31412

alti, gazeteer, 31391 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, re-

education of handicapped act, amend, report, 31077

Head Start services provided to handicapped children, 30867

Handling equipment, aircraft ground handicapped children, aircraft ground handicapped act, aircraft ground handicapped act, amend, aircraft ground handicapped act, amend, aircraft ground handicapped act, amend, respectively. dling equipment, Federal item identifica-

tion guide, 31180 Hard-clams, see Clams. volume of selected hardwood Hardwoods. species suitable for turnery bolts in Maine,

31363 Hardy, Edward P., Jr., Health and Safety Laboratory fallout program, quarterly 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

# NOVEMBER 1973

Hazards, coal waste banks, list, 31496 Head Start project, see Children.

anciliary health personnel in maternal and child health projects, use, 31576 barriers to health care for older Americans, hearings, 31122 coal mine health and safety research program, 31584

emergency 30963 health care services, report,

health effects research environmental

environmental health effects research series, 31270-271
environmental health perspectives, 31694
longitudinal health survey, 31679
occupational safety and health, other regulations and procedures, 31762
Spanish-language health communications teaching aids, list of printed materials and their sources, 31410
statistics—

and their sources, 31410 statistics— data from national health survey, 31682 data on national health resources, 31683 trends of research on prevention of physi-ological aging and value of exercise for fitness and health, 31773 Veterans health care expansion act, report,

see also Medical care—Mental health.
Health and Safety Laboratory:
AEC fallout program, quarterly summary report, 30773
appendix, 30774
Health are instituted.

Health care institutions, see Health centers. Health centers:

alth maintenance organizations, 1973, provide assistance and encouragement for establishment and expansion, hearhealth ings, 31031 medical reco

edical record manual for ambulatory health centers, 30896

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 medi-

health insurance statistics, current medi-care survey report, CMS series, 31808 increase in Government's contribution un-der Federal employees health benefits program, hearing, 31037 supplementary medical insurance, 1967–71 trends and fourth quarter 1971, 31808

organizations, Health maintenance

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 pace-maker 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 at-mosphere, 31284

Heat transfer:

heat and water vapor exchange between water surface and atmosphere, 31284

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
Hazards, to avoid the confidence of the selection of the power and heat flux irradiation of uranilum-plutonium carbides, fast reactor mixed carbide fuel element development program, 30772 net radiation method for enclosure systems involving partially transparent walls, 31451

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 ble areas, 31258

ble areas, 31208
Helicopters:
crashworthy landing gear study, 30758
improved structural crashworthiness analytical and design techniques developmental program, 30759
vibration effects on helicopter reliability and maintenance, 30762
Hellum:

Helium:

random walk study of electron motion in helium in crossed electromagnetic fields,

trace organic impurities in gaseous helium, 31622

Hemagglutination, manual of tissue typing techniques, 31690 Henoc, Jean, rigorous correction procedure for quantitative electron probe micro-

analysis, 31677

Hervey, John G., our Constitution and Government, Federal textbook on citizenship, simplified edition, 31442

HDW, 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. seh speed ground transportation, W coast corridor feasibility study act, West coast corri

port, 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.Ga,

High to 31616

Higher education, see Colleges and universi-

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, 21214

processing over on tarm, 2005
Hirsch, Albert A., BEA quarterly econometric model, 31.214
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.
Hobbles, 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 economics home and garden bulletins, 30700-706 how homemaker can help prevent pollution, 31299

Homemakers, see Home economics. Homemaking, see Home economics. Homes:

home-based child development program resources, bibliography, 30868 planned-unit development with homes association, 31328 onduras, prevention of foot-and-mouth disease.

sociation, 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 disman-tle major portion of system, hear-ings, 31033 hospitals, oversight, hearing, 31028

regional medi hearing, 31032 medical programs, oversight, research on nurse staffing in hospitals,

31409

31409
see also Veterans hospitals.
Hours of labor:
departmental time and cost reporting system, regional and field office instructions, 31422

union wages and hours, lo erating employees, 31562 House of Representatives: local-transit op-

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 pub-lic contracts, construction report, 30816

census, 1970components of inventory change, 30795-

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

port, 31079 implementation of affirmative fair housing marketing regulations, 31434

initial quality and life-cycle costs in mili-tary family housing, 31241

planned-unit development with homes association, 31328

property disposition handbook, tioning acquired properties, 31427

rental and cooperative housing for lower income families, 31428 Housing and Urban Development Depart-

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

grievances handbook, employee HUD. 31419

Housing and Urban Development—Con.
equal opportunity complaint and compliance review reporting and control proce-

ance 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
mail management, postage accountability, 21422

31423 new communities program, oversight, hear-

new communities program, oversight, hearings, 31014
records control handbook, 31424
Housing insurance, see Mortgag 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, 31375
Howard University, appropriations, 1974, hearings, 31009
Hualapai Indians, general information, 31459
HUD, see Housing and Urban Development Department.

Department. Hudson Bay, basin, surface water quality, 31404

31404 Hughen, James H., use of self-focusing an-tenna for low-angle tracking, 31757 Hughes, Warren A., statistics of local public school systems, fall 1970, staff, 31229 Hull maintenance technicians, see Mainte-

nance technicians.

nance 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:

quality of irrigation return flow, 31288 model investigation, beach widening by perched beach concept Santa Monica Bay, Calif., 31264 vdrofluidic servoactuator development.

Hydrofluidic 30763

Hyperlipoproteinemia, see Hypersonic flow, see Flows. see Lipoproteins.

Great Lakes ice cover, 1970-71 winter,

Great Lakes ice 31720 31720 salinity on optical extinction of sea ice at 6328 Å, effect 31235 are fieldates in ice from site 2,

o328 A, 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

Jidaho, water resources data, 31398 Identification, truck-top markings for visual identification, 31885 If you become disabled, 31809

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 alr-cooled spark ignition utility engines, 30726
Illinois River, terminals, docks, mooring locations and warehouses, list, 31254
Illumination, see Lights and lighting.
ILO, see International Labor Organization.
IMF, see International Monetary Funds.
Imitation, marking requirements for imitation political and numismatic tems manufactured or imported into United States.

factured or imported into United States, report, 31094

Immigrants, see Immigration and emigration. Immigration and emigration, immigrant scentists 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 verifleation for helicopter crashworthiness in
which multidirectional impact forces are
present 30759 present, 30759 apellers, and fans, Federal item identifica-

Impellers,

Impellers, and fans, Federal item identifica-tion guide, 31184

Implementation of affirmative fair housing marketing regulations, 31434

Implementation of Emergency loan guaran-tee act, Lockheed Aircraft Corporation, Emergency Loan Guarantee Board, 31380

Imports, see names or classes of articles im-ported—also subjects.

ported—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

of United States.

Income:
aged population money income, 1971 and changes from 1967, 31811

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
home tax:

Income tax equalization tax, extend, law,

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,

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, 31662

Securities and Exchange Commission deci-

stions, 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, 1974authorization, la hearings, 31126 law, 30913

Indian meal-moths, relative toxicity of chloropierin, phosphine, EDC-CC14- and CC14-SC, to various life stages, 30693
Indian reservations, see names of reserva-

tions. statistics concerning Indian

Indian schools, statistics concerning Ind education, 31488 Indiana, county business patterns, 30820 Indians:

dians:
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,
21450

31450

financing economic development of Indians and Indian organizations, report, 31096 Indian business development program, es-tablish within Interior Department, hearing, 31144

nearing, 31444
Indian financing act, hearing, 31144
Indian museums, list, 31490
languages, 31462
legends and myths, 31463
music, 31465
origin, 31468

origin, 31400 provide for financing economic develop-ment of Indians and Indian organiza-tions, hearing, 31144 references for young students, 31473 etatistics concerning Indian education,

31488

Virginia and Potomac area reading list, 31480 wars and local disturbances, Potomac area, suggested we the first Americans, 30862

you asked about— helping Indians, 31489 31491

pictures of Indians, 314 tribal claims against 31492 United States,

see also names of reservations or tribes. Indicators, see Position indicators. Industrial characteristics, 30810 Industrial materials, see Materials. Industrial materials, see Materials.

is NLRB still alive (remarks), 31706
National labor relations act, amend—
hearings, 31018

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.

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 current industrial reports, 30837-851

pubs, 31673

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,

export mailing list and FIF tape 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 FFPS) user's manual, file maintenance (FM),

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.

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:

strumentation:
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 exami-

nation, 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 de-posits, extend certain laws— law, 30934

report, 31003
Interfaces, MIDAS, modular interactive data acquisition system, description and specification, 31679

Intergovernmental relations, Advisory Com-mission 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 Senate—Continued reports, 31072§73, 31084, 31096 Interior Department: Affairs Committee

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 Tax-payers' 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

International coffee agreement 1968 as ex-tended, 31047 International Conference on Photonuclear Reactions and Applications, proceedings, 30769

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

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

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

report, 31068

International relations-Continued

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).

tional)

tional).
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:

tee, 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
Intriligator, D. S., high speed streams in
solar wind, 31265
Inventories, National Archives preliminary
inventories series, 31669
Investments:

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 representamonthly me

tion, 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
agriculture, 30794
irrigation management for control farms, 1969 census of

31288 quality of irrigation return flow,

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
Ispael Ispael 25 year perspectations.

Israel, 25-year perspective (address), 31848

Istle, duty existing su report, 30984 Iteration (mathematics) existing suspension, continue,

iterative solution of integral equation for radiative transfer by using variational technique, 31632 It's good food, keep it safe, 30714

#### 3

pan, economic trends and their implica-tions for United States, 31502 Japanese, in United States, 1970, census of

population, 30807 Japanese beetles, see Beetles.

Jefferson County, Okla., soil survey report, 31820

Jet aircraft, see Aircraft.

Jet airplanes, 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
Leb angluste.

Job analysis

job grading standard, civil service— instrument maker, 30883 machine tool operator, 30884

machine tool operator, 5553 machinest, 30885 model maker, 30886 job grading system for trades and labor occupations, 30880 see Job analysis.—Employment— Jobs.

Joss, see Job analysis.—Employment— Occupations.
Jogging, see Galts.
John D. Rockefeller, jr., Memorial Parkway, general information, 31732
John D. Rockefeller, jr., National Parkway, maps, 31736
John F. Kennedy Center for Performing

nonperforming art functions, appropria-

nonperformus

tions—
inw, 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, gion, field review 31782 Rio Grande project,

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, apering

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 Runnels 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, see B.
Everett Jordan Dam and Lake, see B.
Lournals, House of Representatives, 92d
Cong., 2d sess., 30941
Journals (machinery), see Bearings (machinery).
JPRS, see Joint Publications Research Serv-

JPRS, see Joint Publications Research Serv-

Federal salary act, amend, hearing. Judges, 31034

31034
Judgments. see Claims.
Judclary 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):

sweaters, and undershirts, jumpers. eral item identification guide, 31186

### INDEX

Junior Federal assistant, examination an-nouncement, 30873 Juridical problems in use of orbits for artifi-cial earth satellites, USSR, 31522

Juvenile delinquency

and delinquency, monograph series,

Runaway youth act, report, 31063

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, 31639
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

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: Kidneys

extend kidney disease medicare coverage to railroad employees, their spouses and dependent children law, 30929

reports, 30964 31067
Kinematics, retrieval of dispersive and vective transport phenomena in f

vective transport phenomena in fluids using stationary and nonstationary time domain analysis, 31630 ing, Larry G., irrigation management for control of quality of irrigation return flow,

ingsley, Neal P., volume of selected hard-wood species suitable for turnery bolts in Maine, 31383 Kingsley,

Kiowa Indians, general information, 31461 Kjeldahl method of determination, see Nitro-

Kobelinski Mitchell P., nomination, hearing,

31136 Koch, Hugo K., podiatry manpower, general profile, 31683 Korea:

Republic— Han River basin, reconnaissance report water pasin, 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

Labels:

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,
Sante:

Senate:

committee print, 31155 hearings, 31153-154, 31156 reports, 31067, 31077, 81082

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

public employment programs in selected rural and urban areas, Department of Labor, GAO report, 31388

Labor laws

nor laws:
Federal labor laws, administered by Wage
and Hour Division with regulations and
interpretations, 31895
routes to reform of National Labor Relations
Board

marks), 31707 Labor organizations, see Labor unions. Labor relations, see Industrial relations. Labor standards:

Fair Labor standards act, amend, report,

31103 Service contract act, extend coverage to Canton Island, report, 30973 Labor Statistics Bureau: bulletins, 31556-564 report serics, 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 conven-

workers' representatives, ILO conven-tion 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

region of Newfoundland and Labrador Sen, 30891 Lack of bilateral generalization of adaption to auditory rearrangement, 31578 Laguna Atascosa National Wildlife Refuge, general information, 31827 Lake Survey Center, NOAA technical memo-randum, NOS LSC series, 31720

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 inter-planetary trajectories, 31606 Lancaster County, S.C., soil survey report,

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 and clearing and wood use in Delaware, 31361 and in the street of the street

Landing (aircraft):
effect of shear on aircraft landing, 31612
equipment, Federal item identification

effect of shear on aircraft landing, 3102equipment, Federal item identification
guide, 31180
Landing gear, crashworthy landing gear
study, 30758
Landis, E. R., stratigraphic terminology of
Dakota sandstone and Mancos shale 31394
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

Lanier County, Ga., soil survey report, 31818

Large-scale continuous attrition grinding of coarse kaolin, 31589

ser Doppler velocity measurements of swirling flows with upstream influence, laser

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 condi-

tions, 31646 Launching facilities, aircraft equipment, Federal item identification guide, 31180 Law, slip laws (public) 93d Congress, 30900-936

see also International law-also subjects. Law enforcement :

assistance, amendments, report, 30969 cooperation, backbone of effective law en-forcement, 31549 Federal personnel, increase annuities,

hearings, 31038 innovation in law enforcement, 31550 research on street crime control, 31552 ws. see Labor laws—Law—see also subiects. Lead:

r pollution aspects of emission sources primary lead production, bibliography with abstracts, 30721 condary lead smelters and refinerles,

secondary lead smelters a background information new source performance and refineries for proposed 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, re-port, 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

draft environmental statement, proposed 1973 Outer Continental Shelf, oil and gas general lease sale, offshore Mississippl, 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 ectures, see Addresses leatures.

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.

flons

Legislative bodies, Federal salary act, amend, hearing, 31034 Leissa, Arthur W., vibration of shells, 31617 LeMaistre, George A., nomination, hearing, 31136

conard. Regis F., BEAMR, an interactive graphic computer prgoram for design of charged-particle beam transport systems, Leonard. 31640

Protti, Stan, motivation factor, LaSierra High School boys' physical education pro-LeProtti. gram, 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 throughhole defects in fused slurry silleode
coated columbian alloys FS-85 and Cb752, 31635 752, 31635 wis, Mark F.

Lewis. frequency of anti-collision 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 assist-ant, suggested two-year post-high school curriculm, 31232 Library of Congress:

appropriations, 1974, legislative, hearings, 31129

circular, 31169

Libya:

Libya: area handbook, 30754 gazetteer, official standard names, 31392 Licenses abstracts of State day care licens-ing requirements, family day care homes

ing 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 lifecycle costs in military family housing, 31241

cycle 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 light-

ing.
Lights and lighting:
economy approach lighting aids, 31316
illumination in atmosphere and on a
face of Venus obtained by automatic
tambanetary station Venera-8, US SHTterplanetary station Venera-8, USSM study, 31544 hts, Federal item Identification guide,

lights, I monetary

in night driving, 31322 Lilacs, growing lilacs, 30704

strength development and reaction ucts in lime-montmorillonite-water products in systems, 31325

Lindane, economic impact of discontinuing farm use of lindane and BHC, 31216

Lingg, 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 hyper-lipoproteinemia, handbook for physicians and dietitiens, 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

Load (mechanics)—Continued friction losses in a lubricated thrust-loaded cageless angular-contact bearing,

maneuver and buffet characteristics of fighter aircraft, 31625 responses of prototype flexible pavements subjected to repetitive and static loads, 31321

international convention, amend-Load lines, ments, 31049 adding, see Loads (mechanics)—Unlading

Loading, see and lading.

flexible GI interest rate authority in VA,

flexible GI interest rate authority in VR, 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

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
addings reports 30998, 31006, 31108

ceilings, reports, 30998, 31006, 31108 student loan insurance fund, 1971 and 1972, financial statements, GAO examination, 30956 students, guaranteed loans, 1973, hearings,

31154

weterans guaranty programs— amend Servicemen's readjustment act, report, 30992 see also Banks and banking—Mortgage in-

surance.

surance.
Local government, see Government.
Local transit, union wages and hours, localtransit 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

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

31375

Logistics, use of simulation models pertaining to best mix of aircraft, support personnel, spare parts, and level of repair.

30/30
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
Longsterm resistance to terrestrial functional

Long-term resistance to terrestrial fungi and

termites, 31753 Longitudinal health survey, 31579 Louislana, county business patterns, 308 Low-speed aerodynamic characteristics fuselage model with various arrangements of elongated lift jets, 31633

w water volume enzyme deactivation of vegetables before preservation, 31278

Federal civilian employee loyalty-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 cage-less angular-contact angular-contact 31643

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
Lumber layer register register very layer of the state of the

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, 31654
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 off-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:

Machinery

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,

port, 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 scrubbling-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

Moonets:

characteristics and performance of super-conducting bumpy-torus magnetic facil-ity for plasma research, 31641

Magnets-Continued

preparation of samarium-cobalt magnets,

31595 aier. Walter J., biological removal of col-lodial matter from wastewater, 31276

Mail matter:

matter and cultural postal amend-ments, report, 30996 litary assistance program address dieducational military

rectory, 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

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 airtenance technicians:

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,

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:
acquistton management, guide for program management, 30733
communications-electronics management of electromagnetic spectrum, 30753

comprehensive planning assistance manag-ing grant, 31431 data acquisition systems in water quality management, 31306 Federal financial management directory, 31376

improving management of farmer coopera-tives, 31312 real America (speech), 31553 traffic management regulations for per-sonal property, Defense Dept. regula-tions, 31197

ways to improve records management prac-tices in Federal Government, GAO re-port, 31386 see\_also Administrative management—

Planning.

Management and Budget Office, Director and Deputy Director, appointment, require Senate confirmation, veto, 31054

Senate confirmation, veto, 51052

Mancos shale, see Shale.

Maneuverability, maneuver and buffet characteristics of fighter aircraft, 31625

MANIP, computer system for algebra and analytic differentiation, 31719 Manipulators, alg computer, 31754 algebraic manipulation by

Manmade fiber broadwoven goods. 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

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, 19770 research reports 29790

1972, special reports, 30799 see also names or classes of manufactured

articles.

(military assistance program), see Mil-

itary aid.

Maps and charts, transportation in 19thcentury America, survey of cartographic
records in National Archives of United
States, 31670
see also names of localities.

MARC (machine-readable cataloging), see

Cataloging.

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,

Marking, truck-top markings for visual identification, 31885 Marland, Sidney P., Jr.:

addresses, etc

addresses, etc.—
July 19, 1973, 31234
Aug. 5, 1973, 31219
Marquette, Jacques, opening of upper Mississippi River by Marquette and Jolliet, commemorate, law, 30917
Marshals, deputy, U.S., reclassification of positions, report, 30966
Marsupialia, monotremes and marsupials, reference for zoological institutions, 31797
Maryland.

Maryland:

census of transportation, 1972, truck inventory and use survey, 30814
county business patterns, 30823
Massachusetts, 1970 census of population,
characteristics of population, 30801

fovernment specifications and standards for plastics covering defense engineering materials and applications, 31198

materials and applications, 31198
materials needs and environment today
and tomororw, final reports, 31685
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 presmultidirectional impact forces are pres-

ent. 30759 mathematical athematical model for standing-wave acoustic parametric source (SWAPS),

simplified mathematical modeling of water quality, 31305 Mathematics:

application of matched asymptotic ex-pansions 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

Mathematics-Continued

MANIP, computer system for algebra and analytic differentiation, 31719 sec also Iteration (mathematics)—Mathe-matical models—Variables (mathemat

ics).
Matrices (mathematics):
extension of QZ algorithm for solving genextension arrix eigenvalue problem,

Mattingly, Ignatius G., relationships between speech and reading, 31692
Mattresses, current industrial reports,

30843 Mayer, Shirley A., use of ancillary health per-sonnel in maternal and child health proj-

sonnel 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
Mayors, District of Columbia, elect mayor and city council, report, 31069
MDTA (Manpower development and training act), see Manpower.

act), see 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

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:

carcar care: barriers to health care for older Ameri-cans, hearings, 31122 diagnosis and treatment of poisoning by pesticides, 31764

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

on research to improve health services for mothers and children, 315.75 medical record manual for ambulatory health centers, 30896 medical support of U.S. Army in Vietnam, 1965-70, 30764

regional medical hearing, 31032 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

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, series, 31808 CMS

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 extraterrestial life, USSR study, 31543 space medicine incorporated into practice on earth, USSR study, 31519

Medicine-Continued

Medicine—Continued see also Nuclear medicine.
Medicines, we want you to know about labels on medicines, 31344
Mediterranea Sea, tide tables, 31716
Melting, salinity on optical extinction of sea

ice at 6328 A, 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 tilness, see Depression (psychology)—Mental disorders.

Mental institutions, utilization of mental health resources by persons diagnosed with schlzophrenia, 31696 Merchant Marine and Fisheries Committee,

Schlzop...

Merchant Marine and
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 characteristing materials.

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

Metallurgy, technology of producing new materials, USSR study, 31530

Metals:

air quality, data from metals from na-tional air surveillance networks, 30725 duty on metal scrap, extension of sus-pension, report, 30986 Meteorites, mineralogy, mineral-chemistry, and composition of Murchison (C2) me-

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,

31392 Methaqualone, traffic, abuse, and regulation, hearings, 31149 Methodology, see Income—also subjects. Methods and techniques of airframe strength fillight tests, 31660 Metric system modernized metric system

Metric system. modernized metric system (poster), 31674

Metropolitan areas, see Cities and towns. the Americans, Mexican-Americans, we. 30858

Mexico, social security, agreement, 31869
Mexico, Gulf of, quality of surface waters of
United States, 31402
Miccosukee Indians, approach to planning
for Miccosukee Tribe of Indians of Florida, 31486

Michigan, county business patterns, 30824 Microanalysis, see Electron probe microanal-

Microcopy, see Microfilm. Microfilm, National Archives microfilm publications, pamphlets describing, 31668

MIDAS, modular interactive data acquisition system, description and specification,

Middendorf, J. William II, nomination, hear-ing, 31133 Middle East, see East (Middle East). Midland County, Tex., soil survey report,

31822
Migration, stilling basin hydraulics and downstream fish migration, 31238
Mikaelian, 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 aid :

military age;
military assistance program address directory, 31196
MILSTRIP, military standard regulsitioning and issue procedures, 31194
Mutual development and cooperation act,
31022

Military art and science, special military op-erations handbook, 30736 Military assistance, see Military aid, Military housing, see Housing, Military operations, see Military art and sci-

Allitary operations, see Armed Forces.

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

flitary standards, see Standards standardization.

Military supplies : MILSTRIP—

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

July 6, 1973, 31706
Aug. 7, 1973, 31707
Mills. see Paper mills—Steel mills.
MILSTRIP (military standard requisitioning and issue procedures), see Military supplies.

explosions

Mine explosions:
minimum extinguishant and maximum
oxygen concentrations for extinguishing coal dust-air explosions, 31594
spectral growth of expanding flames, infrared radiance of methanc-air ignitions and coal dust-air explosions, 31592
Mine safety, see Safety of life.
Mineral lands, leasing act, amend, report,
31000

Mineralogy, see Meteorites.

ion exchange color and mineral removal from kraft bleach wastes, 31283

leasing act, amend, hearings, 31026 mineralogy, mineral-chemistry, and com-position of Murchison (C2) meteorite, 31799

mining and minerals policy, 1973, 2d an-nual 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

report of investigations, 31589-595
Minlature 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

parks, 31430 Minimum extinguishant and maximum oxy-gen concentrations for extinguishing coal dust-air explosions, 31594 Minnesota, north-central, preliminary clas-sification of wetland plant communities in,

31832

31832 Minorities: census, 1970, housing of selected racial groups, 30798 minority business enterprise, bibliography, 30894

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 Jolliet, commemorate,
law, 30917
terminals, docks, mooring locations and
warehouses, lists, 31255-257
upper basin, surface water quality, 31404
Missouri:

upper pasin, surface water quanty, 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 senling leaking chemical containers, 31282
Mobile home courts, see Trailer parks.
Mobile homes, see Trailers.
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 makers, 30886
Model Secondary School for the Deaf, appropriations. 1974. hearings, 31009

Model maker, 50550 Model Secondary School for the Deaf, appro-priations, 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 unionaocean Mollusca,

(Mollusca: Pelecypoda) of North America,

(atomie). Monographs, see subjects.

Monotremata, monotremes and marsupials, reference for zoological institutions, 31797

Monotremata, monotremes and marsuplals, reference for zoological institutions, 31797 Monotremes, see Monotremata.

Monotremes and marsuplals, reference for zoological institutions, 31797 Montgomery, M. H., high power and heat flux irradiation of urnalium-plutonium carbides, fast reactor mixed carbide fuelement development program, 30772 Montmorillonite, strength development and reaction products in lime-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 nersonnel in material and

ancillary health personnel in maternal and child health projects, use, 31576 Maternal and Child Health Service re-ports on research to improve health services for mothers and children, 31575 Moths, see Indian meal-moths.

Motion

improvement of absolute distance esti-mation under water, use of monocular motion parallax, 31582 random walk study of electron motion in helium in crossed electromagnetic fields,

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 mobil-

otor ventcles:
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 21110

port, 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, nity, 31601

Mullins, Cecil J., evaluation of item-by-item test administration, 30731

Multinational corporations and United States foreign policy, 31141

Molluscacides, EPA compendium of pesticides, molluscicides, etc., 31765
Molluscicides, see Molluscacides.
Molten fluoride reactors, see Reactors

Reactors

Municipal home rule, District of Columbia, elect mayor and city council, report, 31069
Municipal wastes:

consideration for preparation of operation

elect mayor and city council, the 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,

characterizing vegetation from source material for predicting height of burst in inaccessible Munitions. existing source munition 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 ald, see Foreign ald. Muysers, K., diffusional and metabolic com-ponents of nitrogen ellmination through lungs, effects of pressure, 31580 Mythology, Indians, legends and myths, Mythology, 31463

Myths, see Mythology.

Nacelles, predicting pressure distribution about nacelle at transonic speeds, analy-tical method, 31603

tical method, 31503
Nagel, William, foreign trade regulations of
Sweden, 31210
Nahcolite, evaluation of methods for determining nahcolite and dawsonite in oil
shales, 31593
Nageotice, accompanion in combating illeit

snales, 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 ational Aeronautics and Space Adminis-National

tration : appropriations, 1974, authorize-hearings, 31124-125 report, 30993

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

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, trans
portation 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

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,

National Commission on Financing of Post-secondary Education, extend authoriza-tion and date for filing report, law, 30911 National Commission on Libraries and In-formation Science, appropriations, 1974, report, 30983
National Commission on Productivity: annual report, 31771
temporary extension of authorization, law, 30910

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

military operations handbook,

special 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

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, 21002

31099

National health survey, vital and health sta-

tistics, 31682
National Historic Preservation Week, designate, law, 30906
National housing act, see Mortgage insur-

ance

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,

National Institutes of Health: annual report of international activities, 31515

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-

is NLRB still alive (remarks), 31706 routes to reform for decision-making (remarks), 31707

National Legal Services Corporation, establish, report, 30968

National Library of Medicine, general information, 31709

National Marine Fisheries Service: circulars, 31726

marketing development 31712

technical report, NMFS CIRC NOAA

NOAA technical series, 31726
National Mediation Board, appropriations, 1974, report, 30983
National Military Command System Support Center, NIPS formated file system (360 FFS), user's manual, file maintenance FFS), user's manual, file main (FM), 31177 National monuments and memorials

code of Federal regulations, 31337

overseas erseas memorials, American Battle Monuments Commission to assume con-Battle trol, authorize, report, 30975
see also names of monuments or memo-

rials. National Ocean Survey, NOAA technical memorandum, NOS LSC series, 31720 National Oceanic and Atmospheric Adminis-

tration: technical memorandums, 31719-720 technical reports, 31721-726 ational Oceanographic Instrumen Center: National Instrumentation

instrument fact sheet IFS series, 31727

technical bulletins, 31728 tional parks, code of Federal regulations, 31337 National

see also names of parks.

National Policy toward Gambling, Commission on Review of appropriations, 1974, report, 31117

National Railroad Adjustment Board, appro-

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-ASR series, 31742
NTSB-PSS series, 31747
National union catalog, reference and related services, general information, 31571
National Visitor Center:
facilities act, amend—

facilities act, amend-hearing, 31040

facilities act, amend—
hearing, 31040
haw, 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:
hecoming a citizen series, English and

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

31759-760
Naval history, Alfred, first continental flagship, 1775-78, 31804
Naval Postgraduate School, chemical oceanographic research, present status and future direction, deliberations of workshopheld 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 Reserve, chaplains handbook, 31749
Naval Submarine Medical Center, reports, 31578-582

Navigation, see Air navigation.

birthday, family tradition, then and now, 31761

nate 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

Index Secretary promination of L William

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, 31287

Negroes:

egroes:
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
et radiation method for enclosure systems
involving partially transparent walls,
31651

utrens, approximations for neutron emission spectra from proton collisions between 20 and 500 MeV on nuclei of A≥12, 31653 ew Hampshire, county business patterns, Neutrens.

New Hope Dam and Lake, rename as B. Ever-ett Jordon 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

Vork State, county business patterns,

30829

Newfoundland, oceanography of Grand Banks Region of Newfoundland and Labrador Sea, 30891

Newly discovered properties of plants explained, 31540

Percé Indians, general information, 31467

Nicolaus Copernicus Week, designate, law,

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 investi
variable stars, 31661 methods of investigating

Niobium:

high temperature superconductor Nb3Ga, 31616 oxidation at through-hole defects in fused

siurry silicode 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 Runnels County, Tex., ground water, etc., 31289

Nitric oxide, see Nitrogen dioxide.

Nitrogen:

diffusional and metabolic components of nitrogen elimination through lungs, ef-fects of pressure, 31580 nitrogen, phosphate, potash fertilizer sup-ply, 30694 total soil nitrogen analysis using micro-Kieldahl discoul

total soil nitrogen analysis using micro-Kjeldahl digestion and portable dis-tillation equipment, 31369
Nitrogen dioxide, nitric oxide formation in combustion processes with strong recircu-lation, 31293

lation, 31293 xon, Richard M., see President of United Nixon, R States. NLRB, see National Labor Relations Board. NMFS, see National Marine Fisheries Serv-

motor vehicle insurance, see Auto-No-fault

mobile insurance.
NOAA. sec National Oceanic and Atmospheric Administration.

aircraft and airport noise, EPA report, 31160

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, 31635

noise control act, 31160 Nominations, see names of persons. Noncitizeus, see Aliens. Nondestructive testing, 31620

Nonlinear theories, anomalous nonlinear dis-sipation 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 surr quality data for nonmetante inorgame ions, 1969-70, from national air sur-veillance networks, 30724 inor nonmetals 1972, mineral industry survey, 31588 profit organizations, facts about reloca-

tion, 31415 NORAD, see North American Air Defense Command. Nonprofit

North

rth America, freshwater unionacean clams (Mollusca: Pelecypoda) of North America,

North American Air Defense Command, agreement with Canada, 31867 North American Conference on Labor Statis-tics, selected papers, 31567 North Carolina, county business patterns,

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.

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≥12, 31653
Nuclides, see Radiopuelides.

Nuclides, see Radionuclides.
Numerical calculations, some problems
calculation of 3-dimensional bounds

houndary. flows on general configurations, layer

Nurseries, see Day care of children. Nursery schools, see Day care of children.

Nursery schools, to: Nurses and nursing: Nurses careers in VA hospitals, nationwide nurse careers in V 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 Commit-tee on Senate, hearings, 31157 Nutrition of plants, see Plants.

Nuts

Federal item identification guide, 31189 tree nuts by States, production use value, 31879

Richard F., area handbook for Libya,

Oak, American wood, 31355 Obesity, food and your weight, 30701 OBR series, 31203-204 O'Brian, Harold W., transmission of 2.0-3.4 micron infrared radiation in ice fog, 31237

micron intrared radiation in the 10g, 61237 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,

Occupational training, see Training.

Occupations: business data processing occupational per-

formance survey, 31693 engineering and scientific occup groups, selected characteristics, 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 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 govern-ments, 31873

oceans are great source of American eco-nomic development in today's interna-tional competition, (address), 30893 salinity on optical extinction of sea ice at

6328 Å, effect, 31235

Oceanography:

chemical oceanographic research, present status and future direction, delibera-tions of workshop held at Naval Post-graduate School, Monterey, Calif., 31750

Oceanography-Continued

ceanography—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 contract acceptance of the contract o outer continental margin near Wilming-ton Canyon, 31800

OEO, see Economic Opportunity Office. Offenses, see Crime and criminals. Office furniture and equipment, office chines, current industrial reports, 308furniture and Office machines, see Office equipment.

Ohio, county business patterns, 30831 Ohio River and Valley: basin, surface water supply, below Wabash

basin, surface water Supply, River, 31405 flood plain information, Ohio and Beaver Rivers, Beaver County, Pa., 31253 surface water, quality, United States,

Oil, see Petroleum as fuel. Oil pipe lines, see Pipe lines. Oil shale:

evaluation of methods for determining nahcolite and dawsonite in oil shales,

final environmental statement for proto-type 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:

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 Oktibeha County, Miss., soil survey report, 21823

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 :

Oman:
background notes, 31839
Peace Corps, agreement, 31865
On incentive awards program, 30878
Onlons, structure of intraseasonal pricing mechanism for late summer onlons, 30707
Operation Tripod, toward rehabilitation involvement by parents of the deaf, workshop, 31788 shop, 31788 Operations re

see Administrative research, management. see names of courts rendering

Opinions,

opinions.

Option, disposal from national and/or sup-plemental 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 informa-tion, Allso Creek, Orange County, 31248 Orbits, juridical problems in use of orbits for artificial earth satellites, USSR study,

Orders, see names of departments, etc., issu-

ing orders. Oregon:

bottle bill, first 6 months, 31309 county business patterns, 30832

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:

of control of scientific reorganization

organization of coarsesarch, 31533 organizational structure and climate, implications for agencies, national study of social welfare and rehabilitation workers, work, and organizational converses, work, and organizational control of the parameters of the parameter

reading, main ideas and organization, na-tional assessment of educational prog-ress, 31226

tional 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 eff-

30785
transient blindness due to combined effects of mevinphos and atropine, 30787
Orioff, 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

Ostroff, Aaron J., design and evaluation of an optical fine-pointing control system for telescopes utilizing digital star sensor, 31628

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),

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

30957
felephone directory, 31850
Overseas trade promotions calendar, 31211
Oversight hearings on HUD new communities program, 31014
Oxidation, oxidation at through-hole defects in fused slurry silicode coated columbian alloys FS-85 and Cb-752, 31635
Oxidizers, see Oxidizing agents.

Oxidizers, eee Oxidizing agents.
Oxidizing agents, reference method for meassurement 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 blology, tissue oxygen under extreme flight factors, 31659

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, midcommunication and control systems, mid-Pacific region, field review of mainte-nance, 31777 electrical equipment, Central Valley Proj-ect. 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 finan-cial analysis, 31776

cial 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
Paner mills, methods for pulp and paner

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, agree-

ment, 31864
Parallaxes, improvement of absolute distance

estimation under water, use of monocular motion parallax, 31582 Parameters, mathematical model for stand-ing-wave acoustic parametric sources parametric (SWAPS), 31758

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.

parks.

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

ect 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 as-surance program, 31271 soluble particulates in ice from site 2, 31236

see also Alpha particles.

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 concepts parentners, 21296.

crete pavements, 31326
Passaic River, basin above Little Falls, N.J., characteristics water quality, of streamflow, 31400
Passenger service, see Railroads.
Passenger traffic, 1972 general overview of

air carriers (remarks), 30872

## NOVEMBER 1973

Patents:

classification manual, 31763

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 clay, 31261

Patterns :

for progress in aging, work study in so-cial gerontology, 30689 heavy duty vehicle driving pattern and use survey, final report, New York City,

Pavements:

aircraft-pavement interaction studies, finite-element model of jointed concrete pavement on non-linear viscous sub-grade, 31240 effect of welding on fatigue life of high-strength reinforcing steel used in con-tinuously reinforced concrete pave-

ments, 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 informa-

tion, 31733

Pelecypods, freshwater unionacean clams (Mollusca: Pelecypoda) of North America, 31310

Pennsylvania, county business patterns. 30833

Pennsylvania Avenue Development Corpora-tion, appropriations, 1974, hearings, 31126 Pensions

Ilberalization of disability and death pensions, report, 3,1113
pensions plan terminations, 1972, study,

31886

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. reception, lack of bilateral generalization of adaption to auditory rearrangements, Perception,

31578 Perceptual-motor performance, 800 Performance characteristics of zinc-rich coat-

ings applied to carbon steel, 31638 Performance tests (engineering, mechanical,

etc.): business data processing occupational per-

formance surevy, 31693 characteristics and performance of super-conducting bumpy-torus magnetic facil-

ity 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.

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

Personal Martin E. industry was conventions.

Personick, Martin E., industry wa contract cleaning services, 31561 Personnel management, see En wage survey

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 Missisgas general lease sales, offshore Mississippi, Alabama, and Florida, 31568
initiatives in energy conservation, 31139
phase 4, oll 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 refinerles, 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 clockrate generator with programmable digital phase shift, 31755

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-CCl4, and CCl4-CS2 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 guide-lines 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, In-ternational Conference, see International Conference on Photonuclear Reactions and

Physical-chemical treatment of municipal wastewater using powdered carbon, 31287 Physical education and training: interval training, 31768 motivation factor, LaSierra High School boys' physical education program, 31770 physical conditioning through water expected in the second statement of the

Physical fitness aerobic dancing, rhythmic sport, 31766 Cureton's basic principles of physical fit-

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

ological aging and value of exercise for fitness and health, 31773
Physical properties, sludge processing for rnysical 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, 31491

dians, 31491

Pieper, 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.

control of dwarf mistletoe in heavily used

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:

pipeline safety, Federal-State rela-

tions, 31884 systematic approach to pipeline safety, special study, 31747 trans-Alaska oil and gas pipeline, author-

hearings, 31026, 31146
report, 31000
Pipelines, see Pipe lines,
Placement, assessment/placement profile
(APP) system, HUD, 31418
Planforms, complex, vortex-lattice FOR-TRAN program for estimating subsonic aerodynamic characteristics, 31621
Planing mills, wood residues produced at planing mills, 31883
Planned-unit development with homes association, 31328
Planning:

Planning

comprehensive planning assistance manag-ing graut, 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,

quarantine import requirements—
foreign countries for logs and lumber,
30738

30738
Greece, 30739
Iraq, 30740
soil temperature and plants in north,
USSR study, 31538
timber-harvest clearcutting and nutrients
in Northeastern United States, 31365
ants (industrial), see types of industrial plants.

Plasma nasma: 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, 21692

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:

Plastics

water distribution systems, 31242
Plastics:
feasibility of plastic foam plugs for sealing leaking chemical containers, 31282
Government specifications and standards for plastics covering defense engineer ing 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.
Podiatry, see Chiropody.
Poisoning, diagnosis and treatment of poisoning by pesticides, 31764
Poisonous plants, typical poisonous plants, 31407

31407

plisons, relative toxicity of chloropicrin, phosphine, EDC-CC14- and CC14-CS2 to various life stages, 30693 Poisons,

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, 31298 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, 31566

Popenoe, Charles H., MIDAS, modular inter-active data acquisition system, descrip-tion and specification, 31679

Popov Society Congress, table of contents from 5 volumes of abstracts of papers presented at Congress, 31537

Population :

quality. working papers, 31311
census, 1970—
characteristics of population bound volumes, 30800-804

subject reports, 30805–810 supplementary reports, 30811 current population reports—

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 marketing margins

effects of alternative marketing margins for beef and pork, 30697
Port Angeles, Wash.:
Ediz Hook, beach erosion control project, engineers report—
departmental edition, 30053
document edition, 31245
Ports, U.S. foreign trade, schedule D, classification of customs districts and ports, 20857 Position

sition indicators, estimating Dunning's site index from plant indicators, 31368 ost Office and Civil Service Committee, Dunning's House:

house: hearings, 31034-39 report, 30996 ost Office and Civil Service Committee, Senate: Post

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 Osawa Tanner commemorative
siamp, American arts series (poster),
31889

Cather Illa Cather commemorative stamp American arts series (poster), 31890 service, postal contracting manual, Willa Postal 31892

see also Franking privilege-United States Postal Service.

Posters:

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:

Power

ower:
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:

ower resources: initiatives in energy conservation, 31139 Mines Bureau energy program, 31586 transportation of Alaska's north slope oil, rights-of-way across Federal lands, rights-of-way across Federal lands, hearings, 31146 understanding national energy dilemma,

Prairies, effect of silt and silt removal in prairie lake, 31269 Prediction, predicting pressure distribution about nacelle at transonic speeds, analyt-ical method, 31603 Predictors of job tenure in lumber-plywood mill, 31362

Preimpoundment study, Carters Lake, 31901 Preimpoundment study of West Point Lake, 31900

Preliminary inventories series, 31669 Preparation of samarium-cobalt magnets, 31595

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
yeto messages.

weto messages—
Management and Budget Office, abolish
and establish Office of Director, etc.,
31054 supplemental appropriation 30960

act.

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, ef-

fects of pressure, 31580
predicting pressure distribution about
nacelle at transonic speeds, analytical
method, 31603

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

prices and price spreads for eggs, frying chickens and turkeys in 12 major cities, 1966-71, 30718 structure of intraseasonal pricing mecha-nism for late summer onlons, 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 processor

essed. Procurement, see Defense Department—also names of commodities procured.

Production: Defense production act, amend, hearing,

31134

estimating productivity on sites with low stocking capacity, 31372
outlook for production on Navy's LHA and DD-963 shipbuilding programs, GAO review, 31283
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
blological 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

rograma de HOB-FHA para la compta de casas movibles, 31438 Programmed instruction, Federal use and development of advanced information technology Federal information systems

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 Apoilo (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 midice 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 propul-

Property, 8 Propulsion:

opulsion:
Apollo experience report, service propulsion subsystem, 31648
steady state and dynamic pressure phenomena in propulsion system of F-111A
airplane, 31636

Protons:

Protons:
approximations for neutron emission spectra from proton collisions between 20 and 500 MeV on nuclei of A=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 Broadcasting Corporation, appropria-tions, 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—
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

Alaska's north lands, transportation of 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 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:

Public works appropriations, 1974, water and power de-

velopment—
hearings, 31130
report, 30989
public works and economic development
act, amend law, 30919
ublic Works Committee, House, hearing,

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
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 Bind
and Other Severely Handicapped, Committee for, appropriations, 1974, report,
31117

mittee 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 atrolane, 31649
Putsal, Honry, in United States reports.

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
Quantifative analysis:

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

high power and heat flux irradiation of uranium-plutonium carbides, fast reac-tor mixed carbide fuel element develop-ment program, 30772 Radiation

transparent

Radiation-Continued

iterative solution of integral equal for radiative transfer by using variational technique, 31632

net radiation method for enclosure tems involving partially transpa walls, 31651 nuclear and ion beam techniques for face and near-surface analysis, 31752 see also Electromagnetic radiation.

Radio astronomy, radioastronomy, study, 31548 Radio communication: USSR

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

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 CPR qualified pub-

summary statistics of CPB-qualified pub-lic radio stations, 31233 U.S. and foreign coastal radio stations, accepting ships' weather observations, 31748

31748
Radio waves, anomalous nonlinear dissipation of high-frequency radio waves in plasma, USR study, 31532
Radioactive waste disposal, plan for a management of AEC-generated radioactive wastes, 30777
Radioactivity:
fullout Health and Safety Laboratory pro-

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

SEM evaluation of ballistically loaded clay, 31261 Rudloisotopes, see Isotopes. Radionuclides, radionuclide carcinogenesis,

Railroad accidents:

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

port, 31071

retirement, temporary benefit increase, ex-tension, report, 31071 Railroad retirement act, see Railroad em-

ployees.
Rallroad Retirement Board, appropriations,
1974, report, 30983

Rail passenger service act, amend, report, 31001

railway operating and safety rules, technical manual, 30756
see also High speed ground transportation.
Rails (birds):

Rails (birds); evolution of rails of South Atlantic Is-lands (Aves: Rallidae), 31802 Railways, see Railroads. Rails, see Rails (birds). Rails, Jack W. low water volume enzyme deactivation of vegetables before preserva-tion, 21278 tion, 31278 Ranchars, see Stockmen.

Random walks (mathematics):
random walk study of electron motion in
helium in crossed electromagnetic fields, 31623

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:

Reactor power plants.

Reactor some plants.

Reactor some plants.

Reactor some plants.

Reactor some plants.

Reactors (atomic):

absorbing metals and control rods for absorbing metals and control rods for absorbing metals.

eactors (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
sending:

Reading

critical reading, theme 8, national assessment of educational progress, report,

main ideas and organization, national as-sessment of educational progress, 31226 relationships between speech and reading, 31692 Real estate:

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

Recommendations for shape of earthquake response spectra, 30782
RECON, see RECON Pilot Project (retrospective conversion.)
RECON Pilot Project (retrospective conversion.)

sion): national and using

national aspects of creating an MARC/RECON records, 31570 Reconstruction Finance Corporation hary inventory of records, 1932-64, 31669 Recorders, see Recording instruments. Recording instruments, model 4100 graphic recorder, 31727 Recordings, see Sound recordings. Records:

mational 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

ways to improve records management practices in Federal Government, GAO report, 31386

800 names of departments, etc.also subjects.

Recreation:
facilities subject to user fees at Federal
areas, report, 31084
help prevent pollu-

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
ecreation centers, financial assistance for
work and training and year-round recreational opportunities for youth, hearing,
31017 Recreation

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 account-

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

31435
Reduction of Federal Expenditures and Joint
Committee, committee prints, 31043-44
Reeder, Neil E., soil survey of Ashtabula
County, Ohio, 31817
Reemployment of veterans, see Veterans.
Reentry into atmosphere, see Atmospheric

entry eference books, Indians, young students, 31473 Reference references for

Refineries, lead, background information for proposed new source performance standnew 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, equipment, 30837

Refuges, see names of refuges

Regional agricultural research, quarter cen-tury of achievement through cooperative endeavor, 30709

Regional 31666 branches of National Archives,

Regional medical programs, oversight, 31032 Regionalism, regional governance, promise and performance, 30688 Regulations, see Code of Federal regula-

Regulations, see Code of Federal regula-tions—also subjects.
Rehabilitation, property disposition hand-book, reconditioning acquired properties, 31427

Rehabilitation of criminals, review of man-power R & D projects in correctional field, 1963-73, 31573

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

States, 31365
Reinsel, Edward I., agricultural finance review, 31215

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 Bruzil, 31855
Renal diseases, see Kidneys.

Rendezvous (space):
Apollo experience report, evolution of rendezvous-maneuver plan for lunar-landing

dezvous-maneuver plan for lunar-landing missions, 31634
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:

Requisitions MILSTRIP

military standard requisitioning and issue procedures, 31194
routing identifier code, 31195
Research—also subjects.

Research and development reports, 30766-783

185 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

s1719
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 talga of Alaska, 31359
Research papers. Forest Service, 31370-374
Research reports:
Appalachian Regional Commission, 30747-

Appalachian Regional Commission, 30747-

749

Cold Regions Research and Engineering Laboratory, 31235 Smithsonian Institution, 31798 Research scientists, National blomedical re-search 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 wa-

ter systems on Federal water resource developments, pilot study, 31899

Resolutions, see Law.
Resource bulletin, Forest Service, 31375
Resources, see Natural resources.
Responses, effects of stress history on resilient response of soils, 31243
Responses, (newhology):

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

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
(noster), 31888

tion dicentennial commemorative stamp (poster), 31838
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

transient blindness due to combined effects of mevinphos and atropine, 30787
Rewards (prizes, etc.):
incentive awards program, Federal employees, 30878
Riccittello, 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, in-

31102

interstate and other highway funds, in-

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

31261

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 crit shafts, 31652 critical speeds of rotating

Doppler velocity measurements of laser 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 noice of low-speed rotors, 31645
Rotranel, Frank A., Apollo experience report, command and service module instrumentation subsystem, 31647
Roterbase see Surfaces

mentation subsystem, out.
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. 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, re-

store, law, 30908
Rural electricity, see Electricity
Rural Electrification Adminis
nual report, 31790 Administration, an-Russia, see Union of Soviet Socialist Republics.

Sac Indians, see Sauk and 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 relagas

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,
21048 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

dlors, vocational training and employment problems arising from technical develop-ments on board ship, ILO recommenda-tions, 30951 Sallors.

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-

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 A, effect, 31235

marium, preparation of samarium-cobalt magnets, 31595 Samarium,

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

of

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, 31923

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: ridical 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.
Senning, radiographic, petrographic, and SEM evaluation of ballistically loaded clay, 31261
Scattering scattering of 42-MeV alpha

Scattering scattering of 42-MeV alpha particles from copper-65, 31642
Schehl, 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 mainter technician schools, directory, 31315 promoting mental health in classi handbook for teachers, 31698 maintenance in classroom.

Elementary also Schools-School lunches

Schwab, R. N., monetary value drivers place on comfort in night driving, 31322

Science: physical sciences, and related positions 30875 examination announcement, engineering,

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

and technical aerospace reports

Scientific directory, 1973, and annual bib-liography, 31703 Scientific research: organization of control, USSR study, 31533

science indicators 1972, report of National Science Board, 31739 scientific directory and annual bibliog-raphy, 31703

engineering and scientific occupational groups, selected characteristics, 31741 immigrant scientists and engineers in United States, study of characteristics and attitudes, 31738

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

Sea, see Ocean. Seat Water:

conversion, appropriations, 1974, author-

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

Seckler-Hudson, Catheryn, our Constitution and Government, Federal textbook on

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, 31899

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

31135

outer continental margin near Wilmington Canyon, 31800

Seeding, see Forest planting. Gary L., nomination, hearings,

eliler, Earl L., guide to preparation of operational plans for sewage treatment facilities, 31286 Seiller,

Seismic measurements, seismic zoning, 31723

Seismic measurements, seismic zoning, 31723
Seismology:
Alma-Ata central seismic station, USSR study, 31535
seismlc zoning, 31723
see alao 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

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 finepointing 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 Cytoxins.
Service contract act of 1965, see Government contracts.
Service turkers see Actuators

Servoactuators, see Actuators.

Sewage

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:
Sewerage systems:

assessment of automatic sewer flow sam-plers, 31285 sewage treatment plants, background in-formation for proposed new source per-formance standards, 30722

see also Sewage.
see Sewerage systems—Storm Sewers,

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 Oll 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

Shellfish, Florida landings, 31711 see also Clams. Shells, vibration of shells, 31617

Shenandoah National Park, general infor-mation, 31735 Sherman, Edith M. patterns for progress in aging, work study in social gerontology, aging, 30689

alphuilding, outlook for production on Navy's LHA and DD-963 shipbuilding programs, GAO review, 31383 Shipbuilding

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 ships weather observations,

31748

see also Tankers Shock waves and

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 en-closure systems involving partially trans-parent 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 silicode coated columbian alloys FS-85 and Cb-752, 31635
 Silicon, effect of copper and slicon on selected mechanical properties of hot-rolled medium-carbon steels, 31590
 Silt, see Sedimentation and deposition.
 Simplified mathematical modeling of water quality, 31305
 Simulation:

Simulation

computerized unsymmetrical mathematical simulation and experimental verifica-tion for helicopter crashworthiness in which multidirectional impact forces are present, 30759 numerical simulation of three-dimensional

transonic flow with application to C-141

transonic now 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

ngapore, map, 30865 oux Indians. Dakota Indians, general in-formation, 31478

Singapore

Sisal hemp: disposal from national stockpile— law, 30921 report, 31064 Sisco, Joseph J., address, May 7, 1973, 31848

31848
Sisseton Reservation, resources and development, potential, 31485
Site indexes, estimating Dunning's site indexes, estimating Dunning's site indexes, stome 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—

Skuderna, J. E.:
electrical equipment—
Hungry Horse, Grand Coulee Dam Operations Office, Yakima project, region
1, field review of maintenance, 31780
Minidoka 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

physical-chemical-biological 31281

31291
see also Sewage.
Slurry, oxidation at through-hole defects in fused slurry silicode 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

Small Business Administration-Continued | increasing outstanding loan ceiling, hear-ing, 31013 publications for-sale, booklets, 31796

ing, 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

Smalley, Glan wood, 31354

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, 31128

appropriations 1974, hearings, 31126 contributions to earth sciences, 31799-800 contributions to zoology, 31801-802 international exchange service, annual re-

port, 31803
research report, 31798
studies in history and technology, 31804
Snake River and Valley, electrical equipment.
Central Snake projects, field review of
maintenance, 31781

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 smand—

act, amend-

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

31814

your social security rights and responsi-bilities, disability benefits, 31815

your social security rights billities, 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 rehabilitional study of social welfare and organizational tation 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,

Soil Conservation Service, projects, hearing, 31163

Soil engineering, see Soil mechanics. Soil mechanics

effects of stress history on resilient re-sponse of soils, 31243 measuring soil properties in vehicle mo-bility research resistance of fine-grained soils to high-speed penetration, 31262 Soils:

fragment and projectile penetration re-sistance of soils high-velocity fragment penetration into laboratory-prepared soil targets, 31259

soil survey investigations report, 31825 soil survey laboratory data and descrip-tions, California, 31825 soil temperature and plants in north,

tions, 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, Sc., 31821
Midland County, Tex., 31822
Oktibbeha County, Miss., 31823
Salcha-Big Delta Area, Alaska, 31824
total soil nitrogen analysis using microKjeldahl 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, 31265
Soldders and Airmen's Home, appropria-

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: Sound :

electric and acoustic fields of fishes, use in commercial fishing, etc., USSR study, 31527

31224 field test report on interoceanic acoustic release devices, 31728 mathematical model for standing-wave acoustic parametric soruce (SWAPS),

31758

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

States.

South Platte River:

communication and control systems, projects, region 7, field review of mainteects, region 7, field review on nance, 31778 electrical equipment, projects,

region 7, field review of operation and mainte-

neid review of operation and mainte-nance, 31784
Southwell Charles R., biological deteriora-tion of woods in tropical environments, long-term resistance to terrestrial fungi and termites, 31753
Soviet Union, see Union of Soviet Socialist Republics

Republics.

see National Aeronautics and series, 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 31628 Spacecraft

pacecraft:
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 inter-planetary 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 instrumen-tation subsystem, 31647 service propulsion subsystem, 31648

Spain:

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 Appalachia, 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≥12, 31653

Spectroscopy:
development of X-ray fluorescence space.

20 and 500 MeV on nuclei of A≥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 shorterterm price forecasting models relating to cash and future quotations, 30719
Speech, relationships between speech and reading, 31692

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

ment of electromagnetic spectrum, 30753 Spheres, experimental and analytical study of one- and two-component flows in spheri

cal 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,

Sporta Fisheries and Wildlife Bureau: refuge leaflets, 31827-830 special scientific reports, wildlife series, 31832 Sports

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,
Hobbic Creek, 31251
SRS, see Social and Rehabilitation Service.
SSS, see Selective Service System.
Stabilization:

Stabilization :

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 areospace
reports.

reports.

ars:
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: ate Department, appropriations, 19 hearings, 31127 hearings, 31127 report, 30994 background notes, 31834-842

Foreign Service buildings program, 1974 and 1975 authorization, law, 30920 speaking for State, speaker request forms,

State government, see Government.

States:

date government, see dovernment. intes:
day care licensing requirements abstracts, family day care homes & group day care homes, 30866
fair hearings in public assistance under Federally-alded 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 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

Statistical publications, see names of departments, etc., issuing publications.
Statistics, see subjects.
Statutes, see Law—Statutes at large.
Steady state, see Equilibrium.
Statistical publications, see names of departments of the crashway technic see also statistics, 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 con-tinuously reinforced concrete pavements, 21296

31326

performance characteristics, 31638 Steel mills: zinc-rich coatings applied to carbon

Steel mills:
fron 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, 31852

Stewart, 31352

31352
Stewart. William M., scattering of 42-MeV alpha particles from copper-65, 31642
Stilling basins, hydraulies and downstream fish migration, 31238
Stockpilling, see Strategic materials.
Stockmen, how farmer and rancher can help prevent pollution, 31300
STOL (short take off and landing), see Algeraft.

Aircraft. see names or classes of articles

Storage,

stored. stored.

Storage tanks, see Tanks (containers).

Storey, C. L., relative toxicity of chloropicrin, phospine, EDC-CC14, and CC14CS2 to various life stages, 30693

Storm drains, assessment of automatic sewer flow samplers, 31285

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),

stratigraphic terminology of Dakota Sand-stone 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

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

ructural designs, improved helicopter crashworthiness analytical and design techniques development program, 30759 see also Architecture. ructure of intraseasonal pricing mechahelicopter

pricing mechanisms, 1930-68, nism for late summer onlons, 30707

Student loan program, see Students.

Students: directory of volunteer programs,

guaranteed student loans, 1973, hearings 31154

Indians reference for young students, 31473

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 Inernal Security Act and Other
Internal Security Laws, see Judiciary
Committee Seneta

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. 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

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, 31238
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

31641

Superconductors (electric), see Electric conductors.

Supersonic pressure, 866 Pressure.
Supersonic pressure, 866 Pressure.
Supervisors, supervisor's guide to labor relations in Federal Government, 30889
Supplementary medical insurance, 1967-71
trends and fourth quarter 1971, 31808
Supplementary court esser adjudged. United

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:

easuring pavement roughness spectra using modified BPR roughometer with additional refinements 31324 measuring

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 Swazlland, South Africa boundary, study,

Sweaters, jumpers sweaters, and under-shirts, 31186

certificate of airworthiness for imported aircraft, agreement, 31863 foreign trade regulations, 31210 Sweeny, Andrea M., productivity, selected annotated bibliography, 31560

Swimming

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 clockrate generator with programmable digital
phase shift, 31755
Systems analysis, development of design
information for molecular-sleve type regenerative CO<sub>2</sub>-removal systems, 31608

generative CO2-removal systems, 31608

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 and their implications, for Chiteu 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 tems.

Tape recorders, Apollo experience report, command and service module instrumentation subsystem, 31647 Tariff:

customs-

convention on international transit of

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

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 marsuplals, reference for zoological institutions, 31797 Teaching, Spanish-language health communi-cations teaching aids, list of printed ma-terials and their sources, 31410

Teaching machines, automated apprentice-ship 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, 316 Tennessee Valley Authority, 31883

Technical reports:

Air Force H 30729-731 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 tech-nical occupations, current population nical occupations, reports, 30852

cians—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 fore-

casting, USSR study, 31547 Smithsonian studies in history and tech-

Smithsonian studies in history and technology, 31504
technology of producing new materials,
USSR study, 31530
see also subjects.
Telecommunication, draft proposals of

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 ral, restore direct loan program, law,

rural, 30908

professional

Telescopes, see Spaceborne telescopes.
Television:
blackout of home games in professional
sports, prohibit, report, 31095
broadcast and production statistics of public television licensees, 31220
underwater television survey of Atlantic

outer continental margin near Wilmington Canyon, 31800

Temperature:

high temperature superconductor Nb<sub>3</sub>Ga, 31616 temperature and plants in north,

USSR study, 31538 perature indicators, Temperature diode and thermoairborne couple 31725 temperature sensors, template converter program.

Templates,

31320

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, 31385
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 adminis-

Testing

evaluation of item-by-item test adminis-tration, 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

Tetrafluoromethane, thermodynamic and transport properties of gaseous tetrafluoro-methane to chemical equilibrium, 31627 Texas

county business patterns, 30834
pollution of navigable waters of Galveston
Bay and its tributaries, conference proceedings, 31294

broadwoven fabrics, finished, current in-dustrial reports, 30838 cloth, Federal item identification guide,

31182

man-made fiber textile products, trade agreement, 31875 nonwoven fabrics, current industrial re-

30844

relationship between fabric structure and filtration performance in dust filtration,

woven fabrics, 1970-72, current industrial reports, 30851

see also names of textiles.
see also names of textiles.
seet, criminal redistribution systems and
their economic impact on small business,
hearings, 31165 Theft.

nermal protection, oxidation at through-hole defects in fused slurry silicone coated columbium alloys FS-85 and Cb-752, Thermal 31635

Thermionic converters, evaluation of practi-cability of radioisotope thermal converter for artificial heart device, phase 1 final report, 30775

Thermocouples, diode and thermocouple air-

borne temperature sensors, 31725 Thermodynamic properties of three sodium titanates, 31591

Thermodynamics, thermodynamic and transport properties of gaseous tetrafluoro-methane in chemical equilibrium, 31627 Thermoelectricity, photoelectronic of thermoelectronic instruments and the applications, USSR study, 31542
Thinning of forests, see Forest thinning.
This administration's education rec their

(address), 31234 compson, Gayle B., income of aged popu-

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

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

31162

31102 Timber, exports, limit, report, 30997 new timber cruising grades for coast Douglas-fir, 31371 products milling and utilization, publica-tions, list, 31357

tions. list, 31357
timber-harvest clearcutting and nutrients
in Northeastern 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

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 1, property improvement loan operating handbook, 31429

Tobacco: adult use of tobacco, 30864 marketing quotes hearing, 31123

Tobin.

provisions, amend, hearing, 31007 bin. 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

olbert, Robert E. L., broadcast and production statistics of public television licensees, Tolhert. 31220

Toledo, Ohio, area wage survey, 31557 Total soil nitrogen analysis using

micro-Kjeldahl digestion and portable distillation

requipment, 31369
Towns, see Cities and towns.
Townsend. Dennis P., friction losses in a lubricated thrust-loaded cageless angularcontact bearing, 31643
Toxic substances, control act, amend, report,

31080

Toxicity, see Poisons.

Toxins, gas chromatography, method of de-termining 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

## NOVEMBER 1973

Trade, see Commerce-also names of classes | of commodities.

Trade secrets, corporate secrecy, agribusiness, hearings, 31166

Trademarks, customs, trademark informa-tion, 31887

traffic management regulations for Trailic, trailic management regulations for personal property, Defense Dept. regulations, 31197 see also Air trailic.

Trailic control, see Air trailic.

Trailier parks, minimum design standards for mobile home parks, 31430

Trailers :

Trailers:
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:

Trajectories:

Apollo experience evolution 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): report.

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.
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 do-main analysis, 31630 thermodynamic and transport properties of gaseous tetrafluoromethane in chemi-cal equilibrium, 31627

Transportation: census, 1972-

national travel survey, 30812 truck inventory and use survey, 30813-815

Emergency commuter relief act, report,

in nineteenth-century America, survey of cartographic records in National Archives of United States, 31670 medical emergency transportation and service programs, establish, hearings, 21172 31153

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
Trayel:

Travel:

census of transportation, 1972, national travel survey, 30812 Soviet correspondents report motor trip through United States, USSR study, 31520

Travel-Continued

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
Trensury Department:
appropriations, 1974—
hearings, 31012, 31131
report, 31117
Treaties:

Treaties : International Council for Exploration of the Sea, convention and other govern-ments, 31873

treaties and other international acts series,

31851-875 treaties and o other international agree-

ments, 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.

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-too markings for visual identifica-

markings for visual identifica-Truck-top m tion, 31885

Trucks, see Motortrucks. Turbines

FORTRAN program for calculating velo-cities and streamlines on hub-shroud and mid-channel flow surface of axial- or mixed-flow turbomachine, user manual, 31639

investigation of aircraft gas turbine com-bustor having low mass emissions, 30761 Turbojet engines, see Engines (aircraft). Turbomachines, see Turbines. Turbulence, model of wind shear and turbu-lence 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,

TV, see Television. TVA, see Tennessee Valley Authority. Typical poisonous plants, 31407

U.S. trade promotion facilities abroad, 31212 Undershirts, jumpers, sweaters, and under-shirts, Federal item identification guide, shirts, 31186

Understanding national energy dilemma, 30937 Underwater research, see Oceanography.

Underwater sound, see Sound. 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 North-ern Ireland, see Great Britain.

United Nations: foreign relations of U.S., 194' departmental edition, 31844 document edition, 30942

document edition, 30942
United States participation, report—
departmental edition, 31847
document edition, 30945
NOTE.—For all subjects pertaining 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:

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

increase interest paid on permanent fund, report, 30982
United States Soldiers' Home, see United States Soldiers' and Airmen's Home. United States Soldiers' 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

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 (ciplanning, 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 partnerships, Government and professional services, proceedings, 31675
USSR, see Union of Soviet Socialist Republics.

Ute Indians, general information, 31479

VA, see Veterans Administration. VA. see Veterans Administration. Vacations, National forest vacations, 30712 Values, see Worth.
Vapor, see Water vaoor.
Vapor deposition, see Vapor-plating.
Vapor-plating, high temperature superconductor Nb<sub>3</sub>Ga. 37616
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
Variantion of low level winds during passage

using variational technique, 31052 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 -Continued

shipment by months, 30692 commodities. States.

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 muniexisting height of burst in inaccessible areas.

first-year st-year vegetation after fire, reseeding and fertilization on Entiat Experimental

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 internal combustion engines, small aircooled spark ignition utility engines, 20798 30726

see also Motor vehicles. Velocity:

FORTRAN ORTRAN 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 resis-tance of soils, high-velocity fragment penetration into laboratory-prepared soil targets, 31259

sser Doppler velocity measurements of swirling flows with upstream influence, 31610

Venera-8, see Spacecraft. Venus (planet)

Venus (planet):
illumination in atmosphere and on surface
of Venus obtained by automatic interplanetary station Venera-8, USSR
study, 31544
Veterinary medicine, veterinary services
biologics notice, biological products produced in licensed establishments, list,

30741

Veterans:

nsus of population, subject reports, 30809 census

Federal contractor job listing emphasiz-ing employment of veterans, questions and answers on Secretary of Labor's regulation, 31572 alth care expansion

health care expansion act, report, 30995 liberalization of disability and death pensions, 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

appropriations, 1974, hearings, 31124
loan guaranty program, flexible GI interest
rate authority in VA, report, 30992
nurse careers in VA hospitals, nationwide
locations, 31893

locations, 31893
San Francisco regional office lease prospectus, hearing, 31040
VA pamphlets, 31898
Veterans' Affairs Committee, House, reports, 30975, 30992, 30995
Veterans' Affairs Committee, Senate, report,

31113

Veterans hospitals, nurse careers, nation-wide locations, 31893 Vibration :

vibration: vibration effects on helicopter reliability and maintenance, 30762 vibration of shells, 31617 Vieland, L. J., high temperature superconductor Nb<sub>3</sub>Ga, 31616

Vietnam:

agricultural commodities, 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,

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:

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, 3014

orth Platte River projects, South Platte River projects, region 7, field review of operation and maintenance, 31784

Parker-Davis project, Yuma

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

31364
logsting residue, volume and characteristics, 31375
Volume of selected hardwood species suitable for turnery bolts in Maine, 31363
Voroshilow, V. I., 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 characteringting subsonic aerodynamic charactering

Vortex-lattice FORTRAN program for esti-mating subsonic aerodynamic character-istics of complex planforms, 31621 V/STOL (vertical or short takeoff and land-

ing), see Aircraft.

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 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 op-crating employees, 31562 Wakefield, Stephen A., remarks, July 9, 1973, 31400

Walls. net radiation method for enclosure ems involving partially transparent systems walls, 31651

Walter Reed Army Institute of Nursing, edu-cational opportunity in nursing field, gen-eral information, 30765

Indians wars and local disturbances,

31481 powers of Congress and President, reports, 30978, 31070 Ward,Robert C.:

ard, copert C.:
data acquisition systems in water quality
mangement, 31306
extension of QZ algorithm for solving gen-

eralized 31634 matrix eigenvalue problem,

Warehouses:

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 30977

mill sludge

30977
Waste disposal:
coal waste banks, list, 31496
methods for pulp and paper mill slutilization and disposal, 31279
sewage sludge dumping in New J
Bight, brief outline of study, 31302
sludge processing for combined physichemical-biological sludges, 31281
solid waste disposal act extend ied physical-31281

solid waste disposal act, extend-hearing, 31029

hearing, 31 law, 30900

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 dis-

posal.

posal.
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

31902

see. also Municipal wastes-Waste disposal. Waste water

Vaste 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 31287

Wastewater, see Waste water.

Water:

conservation and full utilization of water

conservation and thi 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

Water-Continued physical conditioning through water exercises. 31772

public works appropriations, 1974— hearings, 31130 report, 30989

sodrees— 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, author-

hearing, 31147 reports, 30967, 31072 sanitary survey of drinking water systems on Federal water resource developments, pilot study, 31899

phot 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

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 nels (

navigable waters, Galveston Bay and its tributaries, conference proceedings, 31294

ater pollution control research series, 31310 water

water quality and waste treatment require-ments on upper Holston River, Kings-port, Tenn., to Cherokee Reservoir, Reservoir. port, 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 pro-

grams, 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 re-quirements on upper Holston River. quirements 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,

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, 20020, 2004

nearings, 31042 reports, 30980-981, 30984-988 e, Americans, Mexican Americans, Puerto Ricans, Cuban Americans, Americans from Central America, Americans from South America, 30858

America, 30858
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 lebels and the series of the seri

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

lake nutrient Weeds,

eeds, weed harvest and dynamics, 31267 elckmann, Helmut K., n

dynamics, 31201
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 pavecontinuously reinforced ments, 31326 Welfare, see Public welfare. Welfare funds:

weifare 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,
21000

West P

Wetlands, see Swamplands. Wheat

heat: 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:

'Ildlife:
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,

ecial scientific report, 31832

wildlife leaflets, 31833
Wildlife refuges, refuge leaflets, 31827-830
Wildung, R. E., phosphorus release from lake sedlments, 31268

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

see also Solar wind.

Ings (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,

fixed wing flight, 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

Office.
Wolf, Charles H., predictors of job tenure in lumber-nlywood mill, 31362
Wolicki 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 tropi-cal environments, 31753 land clearing and wood use in Delaware, 31361

residues produced at planing mills, Tennes-see 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

products-

labeling act, amend with respect to re-cycled 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 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 World. experience.

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 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 Communications. tive CO2-removal systems, 31608

X-rays:
development of X-ray fluorescence spectroscopy in elemental analysis of particulate matter, evaluation of commercial late matter, eval multiple crystal ments, 31273 e want you to k X-rays, 31342 spectrometer

to know about diagnostic

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 maintanenance, 31782

31782
Yarn, Spun. production, 1972, current industrial reports, 30848
Yellowstone National Park, maps, 31736
Yemen (Arab Republic of):
investment guaranties, agreement, 31853
Yeomen, yeomen 1 & C, Navy rate training manual, 31760
Yield tables, eee Volume and yield tables.
Yoshikawa, Kenneth K., iterative solution of integral equation for radiative transfer by using variational technique, 31632

variational technique, 31632 using Youth :

Comprehensive youth opportunities act, hearing, 31017 financial assistance for work and train-

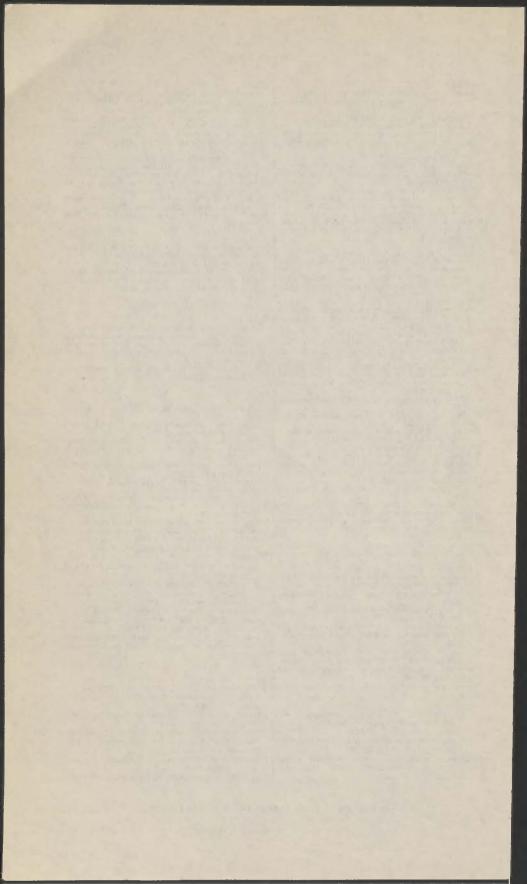
ning and year-round recreational oppor-tunities, hearing, 31017 Runaway youth act, report, 31063 Youth centers, see Recreation centers. Yugoslavia, investing in, 31204

Yuma project, electrical equipment region-3, field review of operation and maintenance. 31785

Zaid, Charles, preliminary inventory of records of Reconstruction Finance Corporation, 1932-64, 31669

Zanoni, A. E., phosphorus removal by trick-ling 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 ogy, 31801-802 Zuni Indians, general information, 31483



## Order Blank

To Superintendent of Documents, Government Printing Office, Washington, D.C. 20402

	Date 19			For Use of Supt. of Docs.			
Your name				lc	o be mailed		
W=001 (44420) 10010					ubscriptions efund		
City, State, and ZIP Code				Coupon refund			
Catalog number is show Monthly Catalog. Ord preceding the list price.	n at right-ha er <i>only</i> publi	nd end of last line of encations indicated by a st	try in ar (*)	Pe	ostage		
CATALOG No.	QUANTITY	TITLE	OF PUBI	BLICATION AMOUNT			
				***************************************			
						•••••	
***************************************		***************************************					
000000000000000000000000000000000000000		~~???		*************		*******	
				*****************			
For additional space For PROMPT, ACCUR			e followi	ing label—Plec		or typewrite.	
						or type manus	
U.S. GOVERNMENT PRINTING OFFICE PUBLIC DOCUMENTS DEPARTMENT			POSTAGE AND FEES PAID U.S. GOVERNMENT PRINTING OFFICE 375				
WASHINGTON, D.C. 20402 OFFICIAL BUSINESS				SPECIAL FOURTH-CLASS RATE BOOK			
Name							
Street Address							
City, State, and ZIP Code							

## Additional space for your order

S/N and/or CATALOG No.	QUANTITY DESIRED	TITLE OF PUBLICATION	AMOUNT
*****			
************************			
*******************	************		
*****			
*****************			
*************************			
· · · · · · · · · · · · · · · · · · ·			
***************			
		Do not write in space below Total	\$

# Order Blank

To Superintendent of Documents, Government Printing Office, Washington, D.C. 20402

	Date	, 19	For Use of Supt. o	f Docs.
Your name			To be mailed	Control of the last of the las
			later	
Street address			Subscriptions Refund	
City, State, and ZIP	Code		Coupon refu	
C	n at right-ha	nd end of last line of entry in cations indicated by a star (*)	Postage	
CATALOG No.	QUANTITY	TITLE OF PU	BLICATION	AMOUNT
**************				
200000000000000000000000000000000000000		***************************************		
******			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
************		000000000000000000000000000000000000000		
****************			***************************************	
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
010000000000000000000000000000000000000				
*******************		000000000000000000000000000000000000000		
		***************************************		
For additional space	e use other	side.		T or typewrite.
For PROMPT, ACCURATE SHIPMENT please fill in the following label—Please PRINT or typewrite.				
U.S. GOVERNMENT PRINTING OFFICE PUBLIC DOCUMENTS DEPARTMENT U.S. GOVERNMENT PRIN			FEES PAID RINTING OFFICE	
WASHINGTON, D	.C. 20402		375 SPECIAL FOURTH	-CLASS RATE
OFFICIAL BUSINESS BOOK				
Name				
Street Address				
City, State, and ZIP Code				

## Additional space for your order

S/N and/or CATALOG No.	QUANTITY DESIRED	TITLE OF PUBLICATION	AMOUNT
***************************************			
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		4040500707070707070707070707070707070707	
**************************************			
***************************************			
		Do not write in space below Total	\$

## **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
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

