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Department of Defense Federal Data Bases

* Ada Information Bulletin Board

Ada Information Clearinghouse
The Pentagon
US Department of Defense
Washington, DC 20301-3081

Data: (202) 694-0215
(301) 459-3865
Voice: (703) 685-1477

The Ada Information Bulletin Board is a publicly available source of information on the US Department of Defense's programming language, Ada, and on Ada activities. The bulletin board is used to announce current events, general activities and the status of various Ada compiler efforts. There are currently seven directories available: Ada Information, Language Reference, Ada-Commentaries, Rationale, CAIS, Newsletter, and CREASE.

* Aerospace Structures Information Analysis Center Data Base (ASIAC)

Richard Scibetta, Information Specialist
AFWAL/FIBRA/ASIAC
Wright Patterson Air Force Base
Dayton, OH 45433

(513) 255-6688

ASIAC maintains a data base which provides bibliographic information about computer programs, books, journals and conference reports relating to aerospace structures. The Center can search its data base and several commercial systems to provide literature surveys, abstracts, state-of-the-art reviews, technical answers and referrals. ASIAC's most frequently searched topics include: structural analysis, fracture mechanics, fatigue, dynamic response, buckling, vibrations, damping, use of composite materials, stress, strain and loading. Materials date back to 1940 and citations are stored for more than 10,200 hard copy and 27,000 microfiche items. Records are added monthly. Free searches, printouts and documents are available to US government agencies, contractors and non-government companies upon special request. In addition to its own data base, ASIAC frequently searches DIALOG, DTIC and CIRC (foreign information). Other services provided by the Center include consulting, loaning of documents and distribution of more than 67 computer software programs designed by DOD. ASIAC will also help people resolve any problems they may have running the computer software.

* Armed Forces Institute of Pathology System (AFIP)

Bill Dormer
US Department of the Army
Armed Forces Institute of Pathology (AFIP)
14th and Alaska Ave., NW
Washington, DC 20306

(202) 576-2800

This system provides a means of accessing, indexing and managing pathology cases referred to AFIP for consultation, education and research. It currently contains over one million cases. Two systems function within this data base: The Standard Nomenclature of Disease and Operations (SNDO)

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System provides the means for processing cases prior to 1970. The Pathology Natural Language Retrieval System (PANLARS) provides information on cases after 1970. Demographic, clinical and diagnostic information is provided for each case. Cases may be retrieved on any logical combination of words.

* Automated Data Service

US Naval Observatory
Time Services Department
Department of the Navy
34th & Mass. Ave., NW
Washington, DC 20392-5100

Data: (202) 653-1079
Voice: (202) 653-1522

ADS is designed to provide a means for the exchange of information among members of the precise time community. The data available on ADS provide measurements of the offsets of various systems of precise time transfer from the U.S. Naval Observatory Master Clock and information about the operational status of these systems.

* Automated Inpatient Data System (AIDS) RCS: HAF-SGS(AR) 7109

Chief, Biostatistics Branch
AFOMS/SGSB
US Department of the Air Force
Brooks Air Force Base, TX 78235

(512) 536-2946

This data base presents summary statistics recording time lost for medical reasons, and information about the episodes of illness, for all active duty military patients excused from duty for medical treatment plus patients hospitalized or dead on arrival at Air Force medical treatment facilities world-wide. Information includes the procedures used and the type of providers. Data are drawn each month from patient medical records. There are 85 variables. The data base is updated each year, since 1970 and files for the previous 10 years are also available. Data may be requested under the Freedom of Information Act from AFOMS/SGSB, Brooks Air Force Base.

* Center for Information and Numerical Data Analysis and Synthesis System (CINDAS)

CINDAS
Purdue University
2595 Yeager Rd.
West Lafayette, IN 47906

(317) 494-9393

This is a comprehensive and authoritative bibliographic data system on the properties of materials, which contains more than 250,000 pertinent worldwide scientific and technical documents. It includes the following subsystems; the thermophysical and electronic properties data base on engineering materials; the data base on dielectric materials, the thermophysical, optical, and mechanical properties data base on aerospace structural composites; and a data base on fluids.

* Chemical Propulsion Resource Center Data Bases

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The John Hopkins University
Applied Physics Laboratory
Chemical Propulsion Information Agency (CPIA)
Johns Hopkins Rd.
Laurel, MD 20707

(301) 992-7307

CPIA provides data base searches on all areas of chemical propulsion. Note that this service is primarily for DOD contractors.

* Chemical Warfare/Chemical and Biological Defense Information Analysis Center Data Bases (CBIAC)

Battelle Edgewood Operations
Attn: CBIAC
2113 Emmorton Park Road, Suite 200
Edgewood, MD 21040

(301) 676-9030

The CBIAC was established August 15, 1986 to serve as the DOD focal point for CW/CBD technology. It is responsible for the collection, review, analysis, appraisal and summary of available CW/CBD information and data and providing these data to all interested users in support of the DOD CW/CBD research and development program. To do this, the CBIAC is developing and maintaining several data bases and has access to a number of other CW/CBD data bases. The CBIAC is concerned with all areas of CW/CBD technology and provides technological assistance in such areas as: physical & chemical properties of agents & simulants; agent/simulant persistence on vegetation, terrain, material & equipment; agent/simulant effects on personnel, material, and equipment; environmental transport & fate of agents & simulants; combined/synergistic effects on personnel, targets, and equipment; medical effects, prevention, diagnosis, and treatment of casualties and others.

* Civil Works Information System

John Micik
US Department of the Army
Headquarters, Corps of Engineers
CECW-ES
Washington, DC 20314-1000

(202) 272-0299

This system provides the following information on every active project of the Army Corps of Engineers: kinds of project, title, state, district, cost estimate, and amount of money allocated to date. It consists of 8 separate but related automated files which serve such major functions as: management of recreational monetary authorizations, the Civil Works Five Year Construction Program, flood plain management and information on other projects and/or activities that have been or may be accomplished under the Civil Works Program. A hard copy is published by Congress titled Balance to Complete Report. Searches are available at no charge.

* Coastal Engineering Information Analysis Center Data Bases (CEIAC)

Commander and Director
Coastal Engineering Research Center

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US Army Corps of Engineers
Waterways Experiment Station
PO Box 631
Vicksburg, MS 39181-0631

(601) 634-2012

CEIAC maintains several data bases including a large bibliographic holding of some 250,000 books, journals, reports, unpublished matter, and other data pertaining to coastal engineering. Subject coverage includes ocean wave records, coastal regions, beaches, erosion, ecology, environments, oceanography, tides, estuaries, inlets and hydrodynamics. CEIAC also maintains the Littoral Environment Observation (LEO) data base which contains data such as wave height, period, direction, wind speed of over 200 locations along the coasts of the US. The Photographic Data base consists of over 50,000 slides and photographs of coastal scenes and projects including waves, beaches, jetties, seawalls, harbors, and damage to coastal structures resulting from storms. Searches and printouts are available, generally free of charge. A reproduction fee may be charged for lengthy printouts. The center will loan materials and has thousands of computer software programs available to the public on a cost-recovery basis. CEIAC also provides consulting services to domestic and foreign governments, and information referrals to private companies and individuals.

* Cold Regions Science and Technology Information Analysis Center Data Bases (CRSTIAC)

US Army Cold Regions Research and Engineering Laboratory
72 Lyme Road
Hanover, NH 03755-1290
Ms. Nancy Liston

(603) 646-4221

This system provides information on cold regions science and technology, the design construction and maintenance of military facilities in cold regions and the conduct of snow, ice and frozen ground investigations.

* COMPAT/HAZARD-FAILURE

Commander
Armament Research and Development Center
US Army Armament Munitions Chemical Command
SMCAR-AET-O Building B 355N
Dover, NJ 07806-5000

(201) 724-3189

COMPAT, a computerized retrieval program developed by PLASTECH, provides rapid access to compatibility data covering the effects of energetic materials (explosives, propellants, pyrotechnics, etc.) on inert materials (polymers, metals, adhesives, coatings, sealants, etc.) and vice versa. Retrieval information includes qualitative answers to compatibility, information on tests used and results, and bibliographic references. COMPAT also contains a supplemental program called HAZARD-FAILURE, which gives information on known deficiencies or problems of polymers, derived from actual experience. Both data bases bring together conflicting data from various report sources. The systems can be accessed easily via remote

DEFDB.TXT

terminal with a conventional telephone/teletype link. COMPAT covers more than 9,000 items and is updated frequently. HAZARD-FAILURE is a new and growing data base currently containing thousands of records. PLASTECH's services are available to the general public with a verified "need-to-know" on a cost-recovery basis. Use of COMPAT/HAZARD-FAILURE is available either by annual subscription or by single inquiry. An annual subscription, entitling users to unlimited computer access is available for a fee and results transmitted by telephone and/or mail response. The COMPAT program has user friendly menus and requires minimal training.

* Concrete Technology Information Analysis Center Data Bases (CTIAC)

US Army Engineer Waterways Experiment Station

Attn: CTIAC

P.O. Box 631

Vicksburg, MS 39180-0631

Director

(601) 634-3264

This system provides information on concrete, reinforced concrete, reinforcing materials, cements, mixtures, construction materials, aging (materials), fracture (mechanics), deformation, degradation, chemical analysis, repair, evaluation, maintenance, rehabilitation.

* Data and Analysis Center for Software Data Base (DACS)

Rome Air Development Center

Attn: COEE

Griffiss AFB, NY 13441-5700

(315) 330-4476

DACS maintains a computer data base for data collected on software development and maintenance programs. This data base contains data relevant to software reliability; software errors, faults, and failures; software cost and productivity; and methodologies and tools used for software development and maintenance. Subsets of the data are available for research purposes and can be obtained in hard copy and magnetic tape form.

* Defense Energy Information System

Jim Carnes

Office of the Deputy Assistant Secretary for Defense (Logistics)

US Department of Defense

OASD (P&L), L(EP)

Pentagon, Room 1D760

Washington, DC 20301-8000

(202) 697-2500

The Defense Energy Information System (DEIS) is an internal Department of Defense data base which collects data on energy uses. DEIS is divided into two sub-data bases. DEIS I, the petroleum data base, provides wholesale quarterly issues of petroleum products by the Defense Fuel Supply Center. DEIS II, the utility data base, provides monthly energy consumption Defense installation by installation. This includes electricity, natural gas, steam, heating oil and coal.

DEFDB.TXT

- * Defense Logistics Studies Information Exchange System
James L. Kirkland, Director
US Army Logistics Management College
Defense Logistics Studies Information Exchange
Fort Lee, VA 23801

(804) 734-4255

This system is a collection of information relating to logistics studies, models, management information and related documents which may be of benefit to the DOD Logistics management and research community. Currently a dial-up system is available at remote locations for DOD personnel.

- * Defense Pest Management Information Analysis Center Data Base (DPMIAC)
Bob Wardwell, Chief
Defense Pest Management Information
Analysis Center
Forest Glenn Section, WRAMC
Washington, DC 20307

(301) 427-5365

DPMIAC, a Department of Defense sponsored center, maintains a bibliographic data base for worldwide literature in the field of pest management and natural resources. Currently 85 percent of the citations cover military and medical entomology, but the natural resource entries are increasing. Citations are provided for published epidemiologic, laboratory, clinical and statistical data collected from information sources ranging from published reports to research in progress. Covered topics include: entomology, pest control, pesticides, toxicology, arthropod vectors of disease, venomous organisms, land management, forestry, fish and wildlife, and agronomy. As of April 1983, the data banks contained 115,000 records, dating from 1962 to present. The data base is updated continually, with approximately 3,500 records added yearly. US government agencies and certified contractors are eligible for free searches and printouts. Searches are performed for others by the Center, but only on a cost-recovery basis.

- * DOD Nuclear Information and Analysis Center Data Files (DASIAC)
Defense Nuclear Agency
Attn: CSTI
6801 Telegraph Road
Alexandria, VA 22310-3398

(202) 325-7042

This system provides information on nuclear weapon explosion phenomena, nuclear weapons damage effects on military strategic and tactical systems/components, military survey hardening design procedures, survivability/vulnerability analysis, nuclear weapon safety and physical security, military tactics and doctrine, nuclear weapons effects testing, and advanced (SDI) weapons system hardening and lethality.

- * Domestic Technology Referral Data Base
Defense Technical Information Center
Cameron Station, DTIC-BC
Alexandria, VA 22304-6145

(202) 274-6434

DEFDB.TXT

The Defense Technical Information Center maintains a Domestic Technology Referral Data Base, supplying a broad referral to federal laboratories and their areas of expertise. The service is available to all legitimate requesters; the requester need not be a "registered user." Call or write for information.

* Environmental Impact Computer System (EICS)

US Army Construction Engineering

Research Laboratory (CERL)

ETIS Support Center

1003 West Nevada St.

Urbana, IL 61801

(217) 333-1369

EICS identifies the consequences of changes in activities occurring in a region and guides the discussion of these consequences in an environmental assessment and impact statement. Using data supplied by the planner, EICS builds a "need to consider" matrix of likely environmental problems associated with the proposed activity. The matrix highlights those areas which require special attention. Information provided by EICS includes: identification of potential environmental impacts; ramification remarks, which elaborate on each of the impacts of an activity or attribute; and mitigation statements, which provide techniques for minimization, abatement, or avoidance of significant environmental areas such as ecology, health science, air quality, and energy and resource conservation; and 806 basic human activities grouped into nine broad areas such as construction, training and research, development testing and evaluation. The data base does not contain records but does contain 776 attributes and 800 activities that can be combined in a matrix to provide more than 500,000 potential impacts. Direct access via a remote terminal is available to ETIS subscribers for \$200.00 a year. Anyone can become an ETIS subscriber and thereby also obtain direct access to three other data bases maintained by ETIS. ETIS will conduct searches for non-subscribers. A cost recovery fee, based on \$90.00 per hour computer time and \$25.00 per hour staff time is charged. The average search generally takes ten minutes.

* Environmental Technical Information System (ETIS)

US Army Construction Engineering (CERL)

ETIS Support Center

1003 West Nevada St.

Urbana, IL 61801

(217) 333-1369

This system was developed by the US Army Corps of Engineers' Construction Engineering Research Laboratory (CERL). ETIS is comprised of four major systems that provide information resources and analysis tools designed as aids in environmental planning and impact statements. The Interactive systems are: the Environmental Impact Computer System (EICS), the Economic Impact Forecast System (EIFS), the Computer-aided Environmental Legislative Data System (CELDS), and Soil Systems (SOILS). The ETIS structure also contains numerous experimental systems under development by CERL. The systems are all interactive and can be directly accessed by remote

DEFDB.TXT

terminals. Direct access to all ETIS systems is available to the general public for an annual subscription fee of \$200.00 a year. Subscribers receive a users manual and can access the system via a terminal in their home or office at their convenience. A free guest account can be established for organizations and individuals wanting to use the system on a trial basis. ETIS will conduct searches for non-subscribers. A cost-recovery fee, based on \$90.00 per hour computer time, is charged. The average search generally takes 10 minutes.

* Export License Status Advisor (ELISA) Bulletin Board

US Department of Defense

Trade Security Policy

Washington, DC 20301-2600

Data: (202) 697-6109

Voice: (202) 697-7840

The status of export license applications referred to the Department of Defense by the Departments of Commerce and State is available via this remote bulletin board system. No proprietary data is displayed. Included are application number, date received, date closed and status. Users must have their export license applications numbers in order to access information. The board also displays other useful information such as new publications useful to exporters.

* Export License Status Advisor II (ELISA II) Bulletin Board

US Department of Defense

Defense Technology Security Administration

Washington, DC 20301-2700

Data: (202) 697-3632

Voice: (202) 697-7840

ELISA II is an advice line, a source of information, and an electronic means by which exporters can network with Defense Department licensing officials and with each other. The board offers information useful to exporters who want to avoid license application delays caused by insufficient information.

* Foreign Geographic Names

Chief, Geographic Names Branch (GNB)

Defense Mapping Agency

Hydro-Graphic Topal-Graphic Center

Washington, DC 20315

(202) 227-3880

This data base manages information about all standardized foreign geographic names approved by GNB. The system is searchable by foreign country and its subdivisions such as listing of a particular country's rivers, populated places, or valleys. Retrievable data include proper name and spelling, longitude/latitude, and type of feature (i.e., city, mountain, administrative area, etc). In the near future, records will exist on all foreign countries. Searches and printouts are expected to be available on a cost recovery basis.

* Government-Industry Data Exchange Program System (GIDEP)

Jim Richards, Program Director

GIDEP Operations Center

Corona, CA 91720-5000

(714) 736-4677

GIDEP is a data interchange system whereby participating government agencies and industries exchange information regarding the research, design, development, production, and operational phases of systems and equipment. Currently 725 US, Canadian and European organizations participate. Most organizations willing to contribute information to GIDEP are eligible for membership and access to GIDEP's four data bases. The major data interchanges are: engineering, reliability-maintainability, metrology, failure- experience, and manufacturers test data reports. The system is updated daily and contains more than 200,000 items. Searches, printouts, and various special services are available to participants only. Membership and services are both free.

* Gravity Library Data Base

Library Operations

DMA Aerospace Center

Attn: DSGA

3200 South Second Street

St. Louis, MO 63118-3399

(314) 263-8410

The official depository for all DOD gravity data, the Library maintains a massive data base on gravity. It has on file more than 20 million point gravity anomaly (PGA) measurements. In addition to collecting this data from its own surveys, DOD also acquires information through informal exchange agreement with scientific organizations, individual scientists and oil and geophysical companies. The Library's tapes and data are only available to those willing to exchange data, and DOD will protect the information it receives. Price varies depending on request.

* Guidance and Control Information Analysis Center Data Base (GACIAC)

GACIAC

IIT Research Institute

10 West 35th Street

Chicago, IL 60616

(312) 567-4345

GACIAC is responsible for the dissemination and exchange of technical information related to the guidance and control of tactical weapons. Technical areas covered include: theoretical performance calculations, guidance laws, systems simulation, seeker and sensor development and testing, inertial component and system development, target signature data, radar cross section data, control actuators, aerodynamics and reaction jet control techniques, development of computational techniques and hardware, component design criteria, manufacturing process development, operational serviceability, environmental protection, and materials.

* High Temperature Materials Information Analysis Center Data Base (HTMIAC)

Jim Chaney

Cindas/Purdue University

HTMIAC - US Department of Defense

2595 Yeager Road

West Lafayette, IN 47906

(317) 494-9393

HTMIAC is a data base of mechanical, thermophysical and electronic properties of certain materials under high temperature. File content is actual property data, not bibliographic references, and users can access it in graphic or tabular formats. The data base will be online in October 1989. Searches and printouts can be arranged by calling Mr. Chaney. Cost varies with extent of search requested.

* Infrared Information and Analysis Center Data Base (IRIA)

Mildred Denecke

IRIA

Environmental Research Institute of Michigan

Box 8618

Ann Arbor, MI 48107

(313) 994-1200, ext. 2214

IRIA maintains a data base with bibliographic citations and abstracts for technical literature pertaining to electro-optics technology, with emphasis on military infrared research and development. The scope of the data base includes radiation sources emitting in the ultraviolet through the infrared regions; radiation characteristics of natural and man-made targets; optical properties of materials; detection materials and elements; masers and lasers; image tubes; optical systems and components; detector coolers; atmospheric absorption, emissions and scattering; and search, homing tracking, ranging, countermeasures, reconnaissance, and other military infrared and laser systems. The data base contains 45,000 items and is updated continually. The general public can obtain searches and printouts of unclassified information stored in IRIA's data base. US government agencies and contractors with a need to know can obtain searches of the entire data base. A cost recovery fee is assessed for individuals and organizations that are not subscribers to IRIA's services.

* Inpatient Data System - Disposition File 1985

Commander, Naval Medical Command

Washington, DC 20372

(202) 653-1823

This is a numeric (microdata) file containing data for all patients treated in naval medical inpatient facilities worldwide. Data are used by naval medical commands for planning, budgeting, allocating resources, utilization review, and quality assurance. They are drawn each month from the Inpatient Admission/Disposition Records NAVMED 6300/5. There are 98 variables for each of the 234,446 cases. Data are for all inpatients treated in naval inpatient treatment facilities worldwide. Data pertain to 1985. File is available through the Naval Medical Command. File contents are subject to the Privacy Act of 1974, and protection is afforded in accordance with Secretary of the Navy Instruction (SECNAVINST) 5211.5.

* Manufacturing Technology Information Analysis Center Data Base (MTIAC)

MTIAC Operations

c/o IITRI

10 West 35th Street

Chicago, IL 60616

(312) 567-4730

MTIAC is responsible for the collection, analysis and dissemination of manufacturing technology information and data in the following areas: metals, non-metals, inspection and test, electronics and munitions, Computer Aided Design/Computer Aided Manufacturing (CAD/CAM).

* Metal Matrix Composites Information Analysis Center Data Base (MMCIAC)

Kaman Tempo

816 State Street

PO Drawer QQ

Santa Barbara, CA 93102

Manager - Center Operations

(805) 963-6482

This system provides information on metal matrix composite materials and technology including matrix materials, (e.g., aluminum, magnesium, copper, beryllium, titanium, lead) and MMC Systems (e.g., graphite/aluminum; boron/aluminum; silicon-carbide/aluminum, graphite/magnesium), continuous and discontinuous reinforcements, (e.g., whiskers, filaments, fibers, particulates, wires), reinforcement or fiber materials, (e.g., silicon carbide, graphite, alumina, boron, silicon nitride, borsic), metal matrix composites properties (e.g., mechanical, physical, electrical, chemical, wear, corrosional, dynamical).

* Metals and Ceramics Information Center Data Base (MCIC)

General Information, Technical Inquiries

Battelle Columbus Laboratories

505 King Ave.

(614) 424-5000

Columbus, OH 43201-6376

(614) 424-6376

MCIC, a DOD-sponsored Information Center, maintains a bibliographic data base for worldwide literature pertaining to metals and ceramics technologies. Major emphasis is placed on structural alloys, and retrievable information includes citations, abstracts, and analyses of technical documents from government reports and worldwide open literature. The scope includes selected metals, ceramics, and composite materials of interest to DOD and its contracts and material suppliers. Information cited on all three types of materials covers coatings, environmental effects, physical properties, materials applications, test methods, sources/suppliers, specifications, design characteristics, and various strength steels, and superalloys. Ceramics covered include borides, carbides, carbon/graphite, nitrides, oxides, sulfides, silicides, selected glass, and glass ceramics. MCIC maintains both a computerized and manual data base. The computerized portion was started in 1975 and has access to more than 130,000 records. It is updated daily. MCIS will do searches for all sectors of government and industry. Simple searches are done free of charge, while more complex requests are assessed at a cost recovery fee. DOD agencies and contractors can get direct access to the data base through the Defense Technical Information Center's DTIC online system (DROLS) which is described earlier in this section.

DEFDB.TXT

* Natural Resource Management System (NRMS)

Judy Rice
US Army Corps of Engineers
HQ USACE (CECW-ON)
20 Massachusetts Ave., NW
Washington, DC 20314-1000

(202) 272-1796

NRMS contains information and statistics on about 400 recreational areas in the US. Information provided about each site includes data on: camping, picnicking, boating, fishing, land and water resources, facilities, location and travel distance, ownership, use by month in recreation days, staffing, activities pursued by visitors, fees charged and much more. Information can be retrieved by site name, geographical areas and other data cited. NRMS contains approximately 672 records. Data are collected annually and is available from 1978 to present. Searches and printouts are available free of charge. The Corps of Engineers also has free attractive brochures with maps and information about each of its sites.

* Naval Aviation News Computer Information (NANci)

Department of the Navy
The Pentagon
Washington, DC 20350

Data: (202) 475-1173
Voice: (202) 433-4407

NANci provides a source of aviation news and historical facts for naval buffs. Messaging is available. Access is sometimes limited during working hours. 24 hours/day, 7 days/week. Sysop: Commander John A. Norton.

* Naval Environmental Protection Support Service Data Files (NEPSS)

Naval Energy and Environmental Support Activity
US Department of the Navy
Port Hueneme, CA 93043

(805) 982-5210

This system contains over 10 years of data on environmental monitoring including hazardous waste, PCBs, oil spills, and air emissions. Types of data available include: hazardous materials cleanup and disposal; assessment and control of installation restorations; chemical spill cleanups and effects; oily waste management, cleanup and effects; ship-to-shore pollutant discharge; wastewater management; air emissions; legislative reviews; and impact analysis. Reports, technical guide, graphical data, hard copy and machine readable data are available at a nominal cost.

* Naval Operations Systems Center Data Files

Robert K. Johnson
Marine Environmental Support Office
Code 522
Naval Ocean Systems Center
San Diego, CA 92152

(619) 553-5330
(619) 553-2775

Information available from this system include baseline data consisting of water, sediment and biological samples from Navy harbors. It provides the Navy with the scientifically sound and legally defensible capability to

DEFDB.TXT

deal with and solve problems concerning marine/environmental quality. Data are available on real-time and discrete methods of measuring Navy contaminant in seawater, advanced bioassay techniques and permitting procedures. The system contains over 50,000 observations pertaining to physical, chemical and biological data for Navy harbors. Printouts and computer tapes are available on a cost recovery basis.

* Navigational Information Network Data (NAVINFONET)

Defense Mapping Agency (DMA)
Hydrographic/Topographic Center
US Department of Defense

Washington, DC 20315-0030

(202) 227-3122

NAVINFONET contains the data used to produce the weekly Notice to Mariners and other information useful to the mariner. Currently included are chart corrections, Broadcast Warnings, MARAD Advisories, Defense Mapping Agency List of Lights, Anti-Shipping Activities Messages, Oil Drill Rig locations, corrections to DMA Hydrographic Product Catalogs, and Coast Guard Light Lists. The only costs incurred by the user are those charged by the provider of the telecommunications service. U.S. access numbers are (301) 227-3351 (300 band), (301) 227-5295 (12000 band, and (301) 227-4360 (2400 band). International access numbers are (301) 227-3457 (300 band) and (301) 227-3458 (300, 1200, 2400 band).

* Navy Regional Data Automation Center Remote Bulletin Board System (NARDAC RBBS)

Navy Regional Data Automation Center
Department of the
Navy, VA 23511

(804) 445-1121

Voice: (804) 445-4157

(804) 445-1627

NARDAC RBBS is designed to promote the dissemination and exchange of microcomputer-based public domain software for the Department of the Navy. Included are Navy applications, data base management systems, word processing, communications, electronic spreadsheets, barcoding and system utilities. The latest information on the microcomputer contracts and conferences can be accessed.

* Nondestructive Testing Information Analysis Center Data Base (NTIAC)

Southwest Research Institute
6220 Culebra Road
PO Drawer 28510
San Antonio, TX 78274

(512) 522-2362

This system provides information on all nondestructive testing (NDT) and/or evaluation techniques and processes, involving material/energy interaction phenomena such as radiographic, holographic, acoustic, magnetic, etc. Other information of concern to NTIAC includes economic aspects of the Nondestructive Evaluation (NDE) industry, economic considerations with respect to selection of techniques and processes; industry trends in applying current NDE technologies in research and development, production, maintenance, safety monitoring, failure prevention of in-service material,

and life assurance.

* Oceanography Department Data Base

Dr. Eugene Haderlie
Oceanography Department
US Department of the Navy
Naval Postgraduate School
Monterey, CA 93940

(408) 646-3251

This Department provides education of Naval Officers, National Oceanic and Atmospheric Administration Corps officers, Federal employees and faculty research. The office has information on largely master's Thesis level research project reports, some faculty projects on pesticides, sewage, thermal effluent, runoff, petroleum, antifouling paint effects, sediment dynamics and baseline oceanographic data for site-specific areas. Reports, data, and referrals are available.

* Parts Control Automated Support System (PCASS)

Carl Muncy
DESC/EPE
1507 Wilmington Pike
Dayton, OH 45444

(513) 296-8207

PCASS contains a federally appointed advisory group's (MPCAG's) recommendations about electronic parts to be used in new US defense systems. Historical information about approvals/disapprovals of non-standard/standard electronic devices such as microcircuits, transistors, and diodes is stored. Data include input from parts manufacturers, electronic equipment, manufacturers, major defense system contractors and design activities. PCASS also stores information about the purpose and content of military specifications for electronic parts and the current status of items on the US military Qualified Products List (QPL). Begun in the mid 1970s, PCASS currently holds 700,000 decisions about 900 programs; two million drawings; and 6,000 military specifications, standards, handbooks and QPLs. Searches are done on a cost recovery basis, and results are printed on microfiche. Hard copy is also available. A Freedom of Information Act request is necessary to access data.

* Pavements and Soil Trafficability Information Analysis Center Data Base (PSTIAC)

US Army Corps of Engineers
Waterways Experiment Station
Attn: PSTIAC
3909 Halls Ferry Rd.
Vicksburg, MS 39180

(601) 634-2504

A component of the Geotechnical Lab, the Pavements and Soil Trafficability Information Analysis Center (PSTIAC) provides products and specialized reference services to the public. The staff can be tasked to provide evaluative engineering and/or analytical service on pavements, trafficability, vehicle mobility, and terrain, primarily relevant to

DEFDB.TXT

military needs. Data base searches are performed on a cost recovery basis, and requests are approved on a case by case basis. Time on the Center's super computer is available for sale to academic researchers.

* PLASTECH Automated Bibliographic Services

Suseela Chandresekar

Plastics Technical Evaluation Center (PLASTECH)

US Army Armament Research Development Center

Dover, NJ 07801

(201) 724-2778

PLASTECH, a DOD-sponsored information and analysis center, maintains a bibliographic data base with abstracts for worldwide technical literature related to plastics, adhesives and organic matrix composites. References cover all plastic-related technology from applied research through fabrication, with emphasis on properties and performance. Subject areas include structural, electrical, electronic and packaging applications. Data bases containing millions of citations, abstracts or research summaries can be searched. It is updated every two months and approximately 3,000 new citations are added yearly. In addition to its own bibliographic data base, online access to PLASTECH is available only to government agencies, contractors and the defense community through OTIC, NASA STI, DIALOG and SOC. The center maintains a staff of materials specialists who provide a wide range of services.

* Plastics Technical Evaluation Center Data Bases

Plastics Technical Evaluation Center

US Army Armament Research, Development and Engineering Center (ARDEC)

Building 355-N

Picatinny Arsenal, NJ 07806-5000

(201) 724-4021

Computerized data bases are maintained on the compatibility of polymers with propellants and explosives and on materials deterioration. To arrange for services or to get information, contact PLASTECH at the number listed above.

* Reliability Analysis Center Data Bases (RAC)

Gina Nash

Reliability Analysis Center

PO 4700

Rome, NY 13440-8200

(315) 330-4151

RAC maintains six data bases with bibliographic and technical information pertaining to the reliability characteristics of components and systems. The data bases are: VLSI, on very large scale circuits; IC, on integrated circuits; Hybrid Circuits; Non-Electronic Devices; and Failures Related to Static Electricity (FRSC). Non-operating reliability data base equipment is not operational. The scope includes reliability and failure mode/mechanism information that is generated during all phases of component fabrication, testing, equipment assembly, and operation. Information and data on research and development studies, process control, quality analysis

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practices, screening and burn-in, qualification and environmental testing, failure analysis, reliability protection methods, reliability demonstrations, and field testing and mission deployment are incorporated in the data bases. The IC data base covers 10,000 devices and has records on 50,000 test results; VLSI covers 300 devices; Hybrid 1,000 devices; FRSE 5,000 devices; and Non- Electric 2,000. Searches and printouts are available on a cost recovery basis. Generally, a bibliographic search runs about \$125 to \$150.00.

* Report of Patients at Air Force Medical Treatment Facilities RCS:
[HAF-SGS(M) 7118 Machine-Readable Data File (MRDF)]

Chief Biostatistics Branch
SGSB

Brooks Air Force Base, TX 78235

(512) 536-3981

This is a numeric (aggregate) file containing reports of all patient visits to outpatient services at Air Force Medical Treatment Facilities worldwide, and providing bed days for admissions by category of entitlement to care at those facilities. File is a basic source of management and command data for resources determination, utilization, allocation, and productivity. Data are drawn each month from patient medical records. There are two million records. Releases are primarily for use by the US Department of Defense, other data may be requested under the Freedom of Information Act from SGSB, Brooks Air Force Base.

* Small Computer Technical Center

Department of the Air Force
Scott Air Force Base
Base, IL 62225

Data: (618) 256-6510

Voice: (618) 256-4206

This board provides an information exchange network for users of small computers. Discussions usually focus on how to enhance the productivity of computer hardware and software. There is no military information exchanged on the board. 24 hours/day; 7 days/week.

* Software Engineering Bibliographic Data Base (SEBD)

Steven Kelly
Data and Analysis Center for Software (DACS)
Rome Air Development Center (RADC)
ISISI
Griffiss AFB, NY 13441

(315) 336-0937

DACS, a DOD-sponsored information analysis center, maintains a bibliographic data base for technical literature pertaining to software engineering. Sources include technical reports from DOD and other government agencies; industry and academic institutions; journal articles; and conference proceedings. The scope of the data base includes software costs, development and maintenance tools and techniques, software quality, and software complexity. The system can be searched by subject matter, author, title, sponsoring agency and a few other indicators. SEBD contains 35,000 records and is updated frequently. Searches and printouts are

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available for a flat fee of \$50.00.

* Software Engineering Lifecycle Data Base (SELD)

Robert Vienneau

Data Analysis Center for Software (DACS)

Rome Air Development Center

ISISI

Griffiss AFB, NY 13441

(315) 336-0937

DACS, a DOD sponsored information center, maintains a data base with information about many software development and maintenance programs. SELD contains data relevant to software reliability; software errors, faults and failures; software costs and productivity; and methodologies and tools for software development maintenance. It contains 44,000 records and is updated frequently. Searches and printouts are available for a flat fee of \$50.00. Searches which return no references are only \$20.00.

* Software Engineering Research Projects Data Base (SERP)

Steven Kelly

Data & Analysis Center for Software

RADC/COED

Griffiss AFB, NY 13441

(315) 336-0937

SERP contains description of research projects designed to further the state-of-the-art in software engineering. Projects relating to data collection and analysis, development of quality metrics, analyses of developmental methodologies, the development or evaluation of programming languages, and model validation are representative of those included in the data base. An effort has been made to include those projects which are of a production rather than a research nature.

* Soil Mechanics Information and Analysis Center Data Base (SMIAC)

Commander and Director

US Army Engineer Waterways Experiment Station

Attn: PSTIAC

PO Box 631

Vicksburg, MS 39180-0631

(601) 634-2734

This system provides information on soil mechanics, engineering geology, rock mechanics, soil dynamics, earthquake engineering, earth and rockfill dams, levees, earth retaining structures and building foundations, and laboratory testing of soils and rocks.

* Soils Information Retrieval System

US Army Corps of Engineers

ETIS Support Center

1003 West Nevada St.

Urbana, IL 61801

(312) 333-1369

SOILS provides interaction data retrieval of soils series data. The data is compiled from the Department of Agriculture's Soil Conservation Services (SCS) reports on the characteristics and interpretive properties of all

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soils in the United States. Examples of soil information include use restrictions, potential habitat, description of soil and much more. Information is organized only by soil series. The data base can be accessed directly by remote terminal. SIRS currently contains 16,000 soil series and over 175,000 soil mapping units in the US. Approximately 4,000 charges are made monthly to the data. Direct access is available to ETIS subscribers for \$200 a year, plus \$90.00 per hour of connect time. Anyone can become an ETIS subscriber and, thereby, also gain access to three other data bases maintained by ETIS. ETIS will conduct searches for non-subscribers. A cost recovery fee, based on \$90.00 and staff time is charged. The average search generally takes 10 minutes. ETIS and SOILS subscriptions and assistance are available from ETIS of the University of Illinois, Department of Urban and Regional Planning. SOILS is a cooperative venture between ETIS, the Department of Urban and Regional Planning at the University of Illinois in Urbana-Champaign, the US Army Construction Engineering Laboratory (USA-CERL) and the US Department of Agriculture, Soil Conservation Services (USDA-SCS). USA-CERL obtains updated data tapes from the Statistical Laboratory at Iowa State University in Ames, IA.

* Survivability/Vulnerability Information Analysis Center Data Base (SURVIAC)

Survivability/Vulnerability Information Analysis Center
AFWAL/FIES/SURVIAC
Wright-Patterson AFB, OH 45433

(513) 255-4840

SURVIAC is the DOD focal point for non-nuclear survivability/vulnerability data, information, methodologies, models and analysis relating to US and foreign aeronautical and surface systems. SURVIAC scope covers the survivability of friendly systems to threat weapons and the effectiveness of US weapons against foreign systems. Non-nuclear weapons include conventional missiles and guns, directed energy weapons, and chemical/biological weapons. Data holdings in the weapon area include, as applicable, acquisition, detection, tracking, launch, fly-out and fuzing characteristics, the countermeasures and counter-countermeasures employed, and terminal effects.

* Tactical Technology Center Data Base (TACTEC)

Battelle Columbus Division
Tactical Technology Center (TACTEC)
505 King Avenue
Columbus, OH 43201-2693

(614) 424-5047

The IAC holds over 55,000 items covering the technology of tactical warfare from incipient insurgency through tactical nuclear warfare. Tactical technology is assumed to include: surveillance, target acquisition and engagement; detection; guidance systems; position location; communications and electronics; countermeasures and counter-countermeasures to include disguises, decoys and aerosols; weapons and munitions; armor and protective

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devices; mobility and logistics; aircraft and air operations analysis training; survivability; military operations of operations analysis; and chemical warfare/defense.

* Tactical Weapons Guidance and Control Information Analysis Center Data Base (GACIAC)

GACIAC

IIT Research Institute

10 West 35th St.

Chicago, IL 60616

(312) 567-4345

GACIAC is a Department of Defense Information Analysis Center which maintains a bibliographic data base of technical information related to the guidance and control of tactical contact weapons. These include missiles, rockets, bombs, submunitions, projectiles and munition-dispensing canisters. Technical areas covered include: theoretical performance calculations, guidance laws, systems stimulation, control actuators, aerodynamics and reaction jet control techniques, development of computational techniques and hardware, manufacturing process development, operational service ability, environmental protection, materials and much more. GACIAC's data base contains 36,000 records and is updated frequently. The data base is available online to anyone having access to the DTIC online data base. The Center serves only Department of Defense agencies and government contractors. Generally, the Center will perform one free search for a contractor needing information. Qualified organizations can subscribe to the Center's services for an annual fee. This entitles them to all the Center's products and four hours of free computer time.

* US Army Corps of Engineers, Portland District Data Base

Mr. Steve Chesser

US Army Corps of Engineers, Portland District

US Department of the Army

P.O. Box 2946

Portland, OR 97208

ATTN: CENPP-PL-CH

(503) 221-6465

This office develops environmental information in support of planning for Corps and Corps-permitted water development projects in the Northwest region. It contains information on data related to dredge material disposal: analysis of dredged material, physical, chemical, biological, geological data on disposal sites and coastal physical data. Information provided by other agencies in Environmental Impact Statement procedures. Pollutant statistics for disposal sites is also available. The Columbia River estuary data base is on AMDAHL tapes.

* Waterways Experiment Station Data Base (WES)

Billy Parket Waterways Experiment Station

Army Corps of Engineers

US Department of Defense

Vicksburg, MS 39180

(601) 634-3451

The WES computer facilities store an undetermined but voluminous amount of research data from laboratory projects. The Hydraulics Lab studies practical application of experimental hydraulics, including river, tidal, waterways and structural hydraulics. The Environmental Lab Investigates the effects of man's activities on the environment as well as the effects of the environment on military operations. Environmental resource management studies include recreation planning, fisheries development and water quality evaluation. Tapes, reports, maps, graphics and printouts all are available.

Defense Data Files Available from the National Archives

Margaret Adams
 Archives Specialist
 Reference Service
 Center for Electronic Records (NNXA)
 National Archives and Records Administration
 8th and Pennsylvania Ave., NW
 Washington, DC 20408
 (202) 523-6771

The following list is a subset of electronic data sets (i.e., computer-readable data files) in the custody of the National Archives and Records Administration. The standard charge for a copy of an electronic data set (one data set not to exceed one magnetic reel of output) is \$90. Ordering information is available upon request. For further information please contact the office above.

- * Army Personnel Files, Enlisted Master File, Fiscal Years 1975, 1976, 1977
- * Cambodian Friendly Units File (FANK)
- * Casualty Information System, 1961-1981
- * Combat Activities File, Oct. 1965-Dec. 1970
- * Combat Air Summary, 1969, 1973
- * Combat Area [Southeast Asia] Casualties Current File, as of Oct. 1988
- * Combat Area [Southeast Asia] Casualties Current File, as of Mar. 1989, Public Use Version
- * Combat Area [Southeast Asia] Casualties Current File, as of Mar. 1989
- * Combat Area [Southeast Asia] Casualties File (CACF), as of May, 1986, Public Use Version
- * Combat Area [Southeast Asia] Casualties File (CACF), as of May 1986
- * Combat Area [Southeast Asia] Casualties History File [Non-Final Records], as of Oct. 1988
- * Combat Area [Southeast Asia] Casualties Returned Alive File, as of Mar. 1989
- * Combat Development Command
- * Combat Naval Gunfire Support File, 1966-1973

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- * Enemy Base Area File, July 1966-June 1971
- * Extract (Fiche # and Document Summary) of the Index to the Fiche of the Captured Grenada Documents, October 1983
- * Ground Operations Reporting System
- * Hamlet Evaluation System
- * Herbicide File, 1965-1970
- * Index to the Fiche of the Captured Grenada Documents, October 1983
- * Integrated Tactical Data File, 1969-1970
- * Korean Conflict Casualties File, 1950-1957
- * Military Assistance Command Vietnam Automated Movement Management System, 1/1968-11/1972
- * Mine Warfare Activities File, 1972-1973
- * National Police Infrastructure Analysis, 1971-1973, Subsystem I
- * National Police Infrastructure Analysis, 1971-1973, Subsystem II
- * Naval Surveillance Activities File, 1966-1972
- * Pacification Attitude Analysis System, Mar 1970-Jul 1972
- * People's Self-Defense Force Management Information System, Feb-Aug 1972
- * Phung Hoang Management Information System, 1/1969-6/1972
- * Prisoners of War-World War II and Korea
- * Responses of Army Air Force Personnel to Surveys on Training and Combat Conditions, Dec 1943-May 1945
- * Responses to Attitudes Intensity Surveys, Jan-Jun 1945
- * Responses to Attitudinal Surveys About Assignments, Reassignments, and Demobilization, Apr 1943-Jul 1945
- * Responses of Combat Infantry Officers to a General Attitudinal Survey, Jan-Apr 1944
- * Responses of Enlisted Combat Veterans to Surveys on Training and Combat Conditions, Nov 1943-Apr 1944
- * Responses of Enlisted Men to General Attitudinal Surveys, Apr 1943-Nov 1945
- * Responses of Enlisted Men to Surveys on Training, Supplies, and Equipment, Jul 1943-Apr 1945
- * Responses of Negro and White Soldiers to Surveys About the Post-War World, Jun 1944-Aug 1945
- * Responses of Officers to General Attitudinal Surveys, Apr 1943-Nov 1945
- * Responses of Patients to Surveys on Hospital and Medical Care, Oct 1942-Aug 1945
- * Responses to Psychometric Screening and Evaluation Surveys, Sep 1943-Dec 1944
- * Responses to Surveys on Leisure Time Activities, Jul 1943-Jul 1945
- * Situation Report Army File, 1968-1970, 1973
- * Southeast Asia Data Base, January 1970 - June 1975
- * Southeast Asia Friendly Forces File
- * Survey Responses of Army Nurses and WACS About Treatment of Women in the Army, Jan-Feb 1945
- * Survey Responses of Enlisted Men About Attitudes Toward Civilians, Dec 1942- Apr 1944
- * Survey Responses of Enlisted Men About Race Relations in the U.S. Army,

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Mar 1943-Oct 1944

- * Tactical Information Deposit and Retrieval Systems, 1968-1970
- * Territorial Forces Activity Reporting System, Sep 1972-Dec 1973
- * Terrorist Incident Reporting System
- * The American Soldier in World War II Series, 1942-1945, 138 Public Opinion Surveys and Documentation
- * Vietcong Initiated Incidents File, Jan 1963-Apr 1971

Defense Data Files Available from NTIS
National Technical Information Service

National Technical Information Service
US Department of Commerce
Springfield, VA 22161
(703) 487-4650
FAX (703) 321-8547

Listed below are data files available from the National Technical Information Service. Call the office above for ordering and cost information.

- * Air Force Interchangeable and Substitution (I and S) Report (PB88-910600/XDD) (See NTIS above)

The tape contains interchangeability and substitution relationship information for stock numbered items in which the USAF has established an interest. Data contained in the stock list is a compilation of item relationships developed and maintained by the AFLC I&S activities having cataloging and standardization responsibility for the items listed. I&S relationships are contained in the D043 System and published only after careful research, technical comparison, and assurance that the relationships revealed are within acceptable engineering practices and meet functional, physical, qualitative, and prescribed performance requirements. Section 1 contains a list of all I&S grouped items and all X-File item identifier items. Section 2 lists the I&S groups in master item NSN sequence and reflects the order-of-use for each item in the group. The nomenclature and specification, if any, of the I&S group master item are also shown along with the identity of the responsible activity. Section 3 contains the X-File which is a listing of I&S exception relationship decisions input to the USAF I&S System by the I&S activity. If exception conditions are resolved, these relationships are entered into Section 2 I&S Groups.

- * AMRL Anthropometric Data Bank Library, Volume 1, 1968 Survey of USAF Women (AD-A056 154/8/XDD) (See NTIS above)

The survey of women of the Air Force was made in the Spring of 1968 by the Anthropology Branch, Aerospace Medical Research Laboratory, Wright-Patterson AFB, Ohio and the Anthropology Research Project (then at

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Antioch College, Yellow Springs, Ohio). A description of the survey and the results are published in Anthropometry of Air Force Women (AD-743-113), 1972. Data for age (variable 1), 123 body size measurements (variables 2-214), and grip strength (variable 125) were obtained from a sample of 1905 women. 13 measurements were repeated on 1513 subjects with the subjects wearing foundation garments (variables 126-138). The contents of this tape are also described along with Volumes II-V of The AMRL Anthropometric Data Bank Library in the report The AMRL Anthropometric Data Bank Library: Volume 1-V, AMRL-TR-77-1, October 1977. This contains the complete survey in the fully edited form.

* AMRL Anthropometric Data Bank Library, Volume II, 1967 Survey of USAF Flying Personnel (AD-A056 155/5/XDD) (See NTIS above)
An anthropometric survey was conducted during the first three months of 1967. Measuring was carried out at almost 20 bases spread over the country. Summary statistics and a description of measuring techniques for most variables are reported in a review of anthropometric data of German Air Force and United Air Force Personnel 1967-68, published as AGARD-AG-205, 1975. The contents of this tape are also described along with Volume 1 and Volumes III-V of the AMRL Anthropometric Data Bank Library in the report The AMRL Anthropometric Data Bank Library: Volume 1-V, AMRL-TR-77-1, October 1977. This contains the complete survey in the fully edited form.

* AMRL Anthropometric Data Bank Library, Volume III, 1965 Survey of USAF Personnel (AD-A056 156/3/XDD) (See NTIS above)
A survey of USAF male personnel was conducted during the spring and summer of 1965. In the first portion of the survey 549 officers (396 pilots and navigators; 153 non-flyers), 4 Warrant Officers and 683 Enlisted men were measured. In the second half, 2632 men (2203 white, 412 black, 17 other) undergoing basic training and one Sergeant were measured at Lackland AFB. Of this Lackland group 106 men had ranks other than basic trainee. The contents of this tape are also described along with Volumes 1, II, IV, and V of the AMRL Anthropometric Data Bank Library in the report The AMRL Anthropometric Data Bank Library: Volume 1-V, AMRL-TR-77-1, October 1977. This contains the complete survey in the fully edited form.

* AMRL Anthropometric Data Bank Library, Volume IV, 1950 Survey of USAF Flying Personnel (AD-A056 157/1/XDD) (See NTIS above)
An anthropometric study of flying personnel was conducted in 1950 at 14 Air Force bases in MA, MI, CO, WA, CA, TX, and LA. The original statistical analyses were the initial activity of the Anthropology Research Project. The results, reported in TR-52-321, were carried out prior to the availability of modern computer facilities; since publication of that report, the data have been modernized. Millimeter figures for most variables originally recorded but not punched were incorporated into the data. This tape includes data for 4000 subjects and 161 variables, variables 1-132 are body size values, 133 is age, 134-146 are somatotype

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ratings (those listed as somatotype are ratings done by Dupertuis using Sheldons method). A statistical comparison of the body typing methods of Hooton and Sheldon is provided in SADC TR 56-366 (AD-097 205). The contents of this tape are also described along with Volumes I-III and Volume V of the AMRL Anthropometric Data Bank Library in the report The AMRL Anthropometric Data Bank Library: Volume 1-V, AMRL-TR-77-1, October 1977. This contains the complete survey in the fully edited form.

* AMRL Anthropometric Data Bank Library, Volume V. US Correlations (AD-A063 682/9/XDD) (See NTIS above)

Correlation matrices based on data from USAF Anthropometric surveys of women (1968, 127 variables), flying personnel (1950, 128 variables; 1967, 190 variables), and basic trainees (1965, 161 variables); a US Army survey of women separatees (1946, 60 variables); the Health Examination Survey of civilian adults (1960-1972, 18 variables); and a survey of law enforcement officers (1974, 23 measurements) are presented for use by engineers who need them in solving design problems and for anthropologists and statisticians whose analyses and understanding of the interrelationships of body size data depend significantly on these coefficients. Sample sizes in these surveys ranged from almost 2000 upward. Sample means and standard deviations are presented for all variables involved. The contents of this tape are also described in the report, Intercorrelations of Anthropometric Measurements: A Source Book for USA Data, Churchill, E., P. Kikta, and T. Churchill, AMRL-TR-77-2 (AD-A058 616), Aerospace Medical Research Laboratories, WPAFB OH, May 1978. Complete data from the four USAF surveys are described in the AMRL Anthropometric Data Bank Library, Volumes I-V, Churchill, E., P. Kikta, and T. Churchill, AMRL-TR-77-1 (AD-A047 314), Aerospace Medical Research Laboratories, WPAFB OH, October 1977, and on magnetic computer tapes available from NTIS. AD numbers for these tapes are: (1968) AD-A056 154/AS, (1967) AD-A056 155/AS, (1965) AD-A056 156/AS, and (1950) Ad-A056 157/AS. (Author)

* Army Master Data File (AMDF): Army Retrieval Microform System (ARMS), and Interchangeable and Substitute (I and S) Group Data (PB87-191896/XDD) (See NTIS above)

Purpose: The ARMS Monthly AMDF provides Army users with the most commonly used supply management data required to perform logistics functions relating to their mission responsibilities. Among the functions supported are the following: supply management, stock control, acquisition, disposal, storage, and distribution. Source: Data contained in this file are extracted from the Army Central Logistics Data Bank (ACLDB) Master Data Record (MDR). This data is maintained in the ACLDB by the Army managing activities. Content: The ARMS Monthly AMDF contains data for all active items of supply which are used and/or managed by the Army. Inactive items which were deleted within the last two years or for which an active replacement item exists.

* Defense Logistics Service Center Data Files (See NTIS Above)

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The following data files are provided in various formats on magnetic tape. The following files are available to the public.

* Management List - Consolidated

The Management List - Consolidated (ML-C) is designed to provide users with supply management data on all National Stock Numbers (NSNs) recorded in the Catalog Management Data segment of the Defense Integrated Data System (DIDS) Total Item Record and contains the following: Publication Action Code (ACT); National Stock Number (NSN); Service/Agency (S/N); Source of Supply (SOS); Acquisition Advice Code (AAC); Quantity Unit Pac (QUP); Unit of Issue (UI); Unit of Price; Shelf Life Code (SLC); Physical Security/Pilferage Code (SEC); Repairability Code (RC); Management Control; Demilitarization Code (DML); Item Name; Phrase Code (PC).

* Master Cross Reference List (MCRL)

Part 1 of the Master Cross Reference List is a Master List of Logistics Reference Numbers cross referenced to their applicable National Stock Number(s) in the Federal Catalog system. It contains nine basic elements of data: 1. Logistics Reference Number assigned by the manufacturers; 2. Manufacturers Code; 3. Reference Number Variation Code; 4. National Stock Number/Permanent System Control Number; 5. Reference Number Category Code; 6. Item Standardization Code; 7. Service/Agency Designator Code; 8. Description Availability; 9. Item Name. The file is updated quarterly. There are three separate parts to this file. Cost: 1600 bpi: Domestic: \$2,300.00; 6250 bpi: Domestic: \$1,200.00

* H4/H8 Commercial and Government Entity (CAGE) Publication

Section A: U.S. and Canada Manufacturers/Non-Manufacturers Name to Cage Code (Consolidates and replaces H4-1 and H8-1). Section B: Cage Code to U.S. and Canada Manufacturer/Non-manufacturers. Section C: NATO Manufacturers Name to Nato Cage Code. Section D: NATO Cage Code to NATO Manufacturers Name. The H4/H8 (Sections A and B), reflects codes assigned to organizations located world-wide. These codes are assigned by the U.S. and support various functions throughout the Federal Government. It contains the contractor's name, geographical location, former name/address, when application, the assigned CAGE code, status code (i.e. active, obsolete, cancelled with or without a replacement) and type code (i.e. manufacturer or non-manufacturer). This Section (Section A) is in contractor name sequence. The file is updated bi-monthly.

* Defense Integrated Data System (DIDS) Total Item Record (TIR) Segments A, B, C, E, and H

This extract contains the following segments from the DIDS TIR data: Segment A: Identification Date; Segment B: Major Organizational Entity (MOE) Rule Data; Segment C: Reference Number Data; Segment E: Standardization Decision Data; Segment H: Catalog Management Data. Items with Publications/Security restrictions will be excluded from this extract. Items which are considered Limited Rights will contain all above segments

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but in lieu of Segment V characteristics data the following statement will appear, "Descriptive Data Contains Limited Rights Information." Cost: 1600 bpi: \$5,000.00; 6250 bpi: \$3,000.00

* Defense Integrated Data Systems (DIDS) Total Item Record (TIR) Segment V
This extract contains the following segment from the DIDS TIR data:
Segment V: Coded Item Characteristics Data. Items with Publications/Security restrictions will be excluded from this extract. Items which are considered Limited Rights will contain all above segments but in lieu of Segment V characteristics data the following statement will appear, "Descriptive Data Contains Limited Rights Information." Cost: 1600 bpi: T99 \$3,000.00; 6250 bpi: T99 \$1,725.00

* Defense Integrated Data Systems (DIDS) Total Item Record (TIR) Master Requirements Directory (MRD)
The Master Requirements Directory (MRD) is required to decode the Segment V coded Item characteristics data. The MRD consists of the following sections: Alphabetic Listing of Primary Address Codes (PACs) by Key Word; Alphabetic Listing of PACs; Reply Tables; L Mode Code Tables; Identified Secondary Address Codes Control File; Identified Secondary Address Codes Tables; Format Requirements for Mode Codes H and J. File is updated quarterly.

* Federal Item Name Directory (FIND) H6 Basic
The Federal Item Name Directory (FIND) for the Federal Catalog system is divided into two sections (H6-A and H6-B). Section A contains all Basic Names, Colloquial Names, and Approved Item Names (AINS) with their associated Federal Supply Classifications (FSCs), Condition codes, Federal Item Identification Guides (FIIGs) and Item Name Codes (INCs). Section B is divided into two subsections. Subsection 1 contains all AINs sequenced numerically by INC, referenced to the related FIIG, FSC and Condition Code. Subsection 2 contains an alpha-numerically sequenced listing of all FIIGs referenced to their related INCs. This handbook is produced on tape annually.

* Defense Integrated Data System (DIDS) Total Item Record (TIR): Master Requirements Directory (MRD) (PB88-934200/XDD) (See NTIS above)
The Master Requirements Directory (MRD) is required to decode the Segment V coded item characteristics data. The MRD consists of the following sections: (a) Section 1 - Alphabetic Listing of Primary Address Codes (PACs) by Key Word; (b) Section 2 - alphabetic Listing of PACs; (c) Section 3 - Reply Tables; (d) Section 5 - L Mode code tables; (e) Section 6 - Part I - Identified Secondary Address Codes Control File; (f) Section 6 - Part II - Identified Secondary Address Codes Tables; (g) Section 7 - Format Requirements for Mode Codes H & J. The data file is issued quarterly.

* Defense Integrated Data System (DIDS) Total Item Record (TIR): Segments A, B, C, E, and H (PB88-934000/XDD) (See NTIS above)

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The extract contains the following segments from the DIDS TIR data: (a) Segment A - Identification Data; (b) Segment B - Major Organizational Entity (MOE) Rule data; (c) Segment C - Reference Number Data; (d) Segment E - Standardization Decision Data; (e) Segment H - Catalog Management Data. Items with Publications/Security restrictions will be excluded from the extract. Items which are considered Limited Rights will contain all above segments but in lieu of Segment V characteristics data the following statement will appear, "Descriptive Data Contains Limited Rights Information".

* Defense Integrated Data System (DIDS) Total Item Record (TIR): Segment V (PB88-934100/XDD) (See NTIS above)

The extract contains the following segment from the DIDS TIR data: Segment V - Coded Item Characteristics Data. Items with Publications/Security restrictions will be excluded from the extract. Items which are considered Limited Rights will contain all above segments but in lieu of Segment V characteristics data the following statement will appear, "Descriptive Data Contains Limited Rights Information". In order to decode segment V, user will need to purchase DIDS TIR: Master Requirements Directory (PB87-131074). The file is issued quarterly.

* Defense Mapping Agency Hydrographic/Topographic Center Data Base (DMAHTC) (See NTIS above)

The DMAHTC data base has maps and data about most of the earth's surface, including: terrain, rivers, coastal and ocean areas, lighthouses, buildings and city plans. Data are retrievable in hard copy or digital form. DMAHTC will perform searches for government contractors, universities, government employees, and selected others. The searches are done on a cost recovery basis and requests must be in writing. Contact Victor Lewicke, Chief, Data Automation, DMAHTC, 6500 Brookes Lane, Washington, DC 20315, (202) 227-2375. All others must contact NTIS for access to DMAHTC information.

* Defense Technical Information Center Collection Data Banks (DTIC Online, DROLS) (See NTIS above)

DTIC maintains data banks with information about planned, ongoing, and completed DOD-related research and development activities. The collection is multi-disciplinary in scope and spans all fields of science and technology, covering topics such as: aeronautics, missile technology, navigation, space and technology, nuclear science, biology, chemistry, environmental science, oceanography, computer science, and human factors engineering. The four principle data banks are: the Technical Reports (TR) Program which contains bibliographic information on classified/unclassified reports generated by federally sponsored research; the Research and Technology Work Unit Information System (WUIS) containing information about current research being performed; the Research and Development Planning (R&DPP) data base, consisting of information about proposed projects; and the Independent Research & Development (IR&D) data

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bank with information contractors have supplied DOD regarding their independent research efforts. The DTIC collection currently contains two million records and is updated continually. Universities, US government agencies and associated contractors, subcontractors, and grantees are eligible for most DTIC services. In addition, research and development organization without current contracts may become eligible for service by obtaining a military service authorization under the defense potential contractors programs. If you are registered user for DTIC services, you can obtain direct online access to the DTIC system, have searches and printouts done free of charge, and purchase DTIC documents for a minimal fee - generally \$1.50 to \$3.00. If you are not DTIC-eligible, you can contact the National Technical Information Service (NTIS) to obtain a limited search of DTIC's Technical Reports Program data base. NTIS charges for its services.

* Navy Corrected Geostrophic Wind Data for the Gulf of Mexico, Wind Stress Subset (PB88-129432/XDD) (See NTIS above)

The Navy Corrected Geostrophic Winds are the results of a Navy effort to obtain a Gulf of Mexico wind field with the proper temporal and spatial resolution necessary to resolve the highly variable Gulf wind field. The report that documents the techniques used and results obtained is a NORDA Technical Note titled Navy Corrected Geostrophic Wind Set for the Gulf of Mexico, NORDA, NSTL Station, Mississippi, 39529. The wind stresses were calculated from the Navy corrected geostrophic wind data set using constant atmospheric density and a drag coefficient equal to .0013. The delivered data set consists of 17 files (blocksize 2400 and record length 80) on 3 tapes. The first file on the first tape contains an internally documented Fortran 77 program for reading any of the other 16 files. All other files contain the geostrophic wind data on a 1 degree grid with each file corresponding to one years worth of data from 1967-1982.

* Stock Number User Directory (SNUD) Master File (PB88 234943/XDD) (See NTIS above)

The stock number user directory (SNUD) file is a tailored product used primarily by Air Force activities as a research tool to assist in locating retail lateral support. SNUD consists of all stock numbers (SNs), for which participating activities have established user interest. The type of Stock Numbers available are National Stock Numbers (NSNs), Kit (K), Non-cataloged (NC) or Non Designated (ND) numbers. Activities are identified by a Stock Record Account Number (SRAN) or an assigned user account.

* World Data Bank 1 (PB-223-178/5/XDD) (See NTIS above)

World Data Bank 1 (Wdb 1) is a digital representation of the coastlines and boundaries of the world for use in automated mapping systems. The first two files consist of 100k individual coordinate points arranged sequentially to describe each linear feature. The third field is an index to the linear features in Wdb 1. This data bank can be use independently

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or in conjunction with the Cam program, PB-238 358/6 (documentation) and PB-238 357/8 (tape), which will output this data in 16 different map projections.

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