INTRODUCTION

Internet-Accessible Library Catalogs and Databases is coauthored by Dr. Art St. George of the University of New Mexico and Dr. Ron Larsen of the University of Maryland. Dr. St. George says this document, "began as an effort to provide additional service to the network community locally. However, it became apparent that the library resources were of broader appeal than that."

It contains a listing of over 100 online library catalogs and databases available within the United States and beyond. It contains listings of U.S. and international library catalogs and databases, dial-up libraries, Campus-Wide Online Information Systems, and bulletin board systems. Each listing gives a brief description of the resource and instructions on how to access it, as well as places to contact for more information. Listings include such material as Columbia University's online library catalog (CLIO), Pennsylvania's State University online card catalog system (PENpages), and the Colorado Alliance of Research Libraries (CARL) and its 25 individual resource listings of libraries and information databases, such as the Metro Denver Facts database.

This catalog is an ongoing project. If you have any suggestions, comments, or additions, please send them to Dr. Art St. George by electronic mail to stgeorge@unmb.bitnet or stgeorge@bootes.unm.edu.

This document is formatted and edited by Karen McKelvey of the California Education and Research Federation Network (CERFnet) (karen@cerf.net). Carlos Robles of CERFnet also contributes to the formatting of this document.

NEW IN THIS RELEASE

New (n) and revised (r) in this release are the following entries and sections:

Section 1:
California Agricultural Technology Institute, Cal State Fresno (n)
Occidental College, California (n)
Colorado Alliance of Research Libraries, Colorado (r)
Florida State University System, Florida (r)
Johns Hopkins University Library, Maryland (n)
University of Minnesota, Minnesota (r)
University of Nebraska, Nebraska (n)
Princeton University Library, Manuscripts Database, New Jersey (n)
University of Tulsa, Oklahoma (n)
University of Pittsburgh, Pittsburgh (r)
Clemson University, South Carolina (n)
University of Tennessee, Knoxville, Tennessee (r)
Virginia Polytechnic Institute and State University, Virginia (r)
Marquette University Library, Wisconsin (n)

Section 3:
University of Calgary, Canada
Queen's University Libraries, Canada
University of Saskatchewan Libraries, Canada
Israel

Section 4:
University of Wisconsin (r)

Section 5:
(Over 30 new entries.)

SECTION 1: CATALOGS & DATABASES ACCESSIBLE WITHOUT CHARGE

ALABAMA

AUBURN UNIVERSITY
AUDUCACD.DUC.AUBURN.EDU

Instructions:
1. **telnet AUDUCACD.DUC.AUBURN.EDU**
2. Push **TAB** until cursor is in the APPLICATION field
3. Type **01** Press **<return>**

To exit:
To exit, close your session with whatever break command works for you.

NO FURTHER INFORMATION IS AVAILABLE AT THIS TIME.

CALIFORNIA

CALIFORNIA AGRICULTURAL TECHNOLOGY INSTITUTE
CALIFORNIA STATE UNIVERSITY, FRESNO
CATICSUF.CSUFRESNO.EDU

ATI-Net is a menu-driven information service for the California agricultural community. ATI-Net's software is being used to develop a University- wide information service for all 20 CSU campuses. It's currently hosted on the same machine; log in as "super" (no password).

Instructions:
Log in as "public" (no password) and press single keys as directed. This service is available 24 hours a day, 7 days a week. Other access: (209) 278-4265 (300/1200) (209) 278-4615 (2400) SprintNet 916 331.31 (X.25 31109160033131)

FOR MORE INFORMATION, CONTACT:
California Agricultural Technology Institute
California State University, Fresno
School of Agricultural Sciences and Technology
Maple and Shaw Avenues
Fresno, California 93740-0115 (209) 278-4872

CALIFORNIA STATE UNIVERSITY, LONG BEACH
COAST.LIB.CSULB.EDU

Telnet COAST.LIB.CSULB.EDU. Enter VT100 or VT102 at terminal type prompt. Press return key a few times. Searching COAST (NOTIS) should be self-explanatory and specific help screens abound. Leave system by logging off network.

FOR MORE INFORMATION, CONTACT:
Maria Sugranes
Manager, Library Automation
(213) 985-1776
msugran@calstate.bitnet

CAL POLY STATE UNIVERSITY, SAN LUIS OBISPO
ROBERT E. KENNEDY LIBRARY
LIBRARY.CALPOLY.EDU

Instructions:
1. **telnet library.calpoly.edu**
2. Enter the username of **POLYCAT** and follow the instructions for using the catalog.

To exit:
1. To disconnect, enter a **ctrl-d**.

FOR MORE INFORMATION, CONTACT:
Brian Williams
OLPAC Coordinator
(805) 756-2190
brian@library.calpoly.edu

OCCIDENTAL COLLEGE'S AUTOMATED LIBRARY SYSTEM (OASYS)
KITTY.OXY.EDU

The Occidental College library contains approximately 500,000 volumes, and holds an extensive video library and subscribes to thousands of periodicals and government publications.

In the fall of 1990, Oasys, the library catalog system, was installed. Its purpose is to easily guide users through the colleges extensive holdings, making the paper card catalog obsolete.

Instructions:
1. Oasys is reachable through the Internet, type **telnet kitty.oxy.edu**
2. Type **oasys** at the resource prompt
3. Type **oasys** again at the login prompt.

You must be able to emulate a Vt-100 or Wyse-50 terminal in order to use Oasys. Oasys is open 24-hours per day, 7 days a week.

Occidental College is located in the northeastern hills of Los Angeles, CA.

FOR MORE INFORMATION, CONTACT:
E-mail: infoserv@oxy.edu
Phone: Barbara Shepard
(213) 259-2833

THE UNIVERSITY OF CALIFORNIA
MELVYL® CATALOG
31.1.0.1, 31.0.0.11, 31.0.0.13, 31.1.0.11

Address:
Division of Library Automation
University of California Office of the President
300 Lakeside Drive, 8th floor
Oakland, California 94612-3550
E-mail: lynch@postgres.berkeley.edu
Phone: (415) 987-0555 (MELVYL Catalog Helpline)

Description

The MELVYL catalog is the online union catalog of monographs and serials (periodicals) held by the nine University of California campuses and affiliated libraries. The monograph database, which includes records for books and nonbook materials such as maps, films, musical scores, and sound recordings, contains over 5.5 million unique titles representing nearly 11 million holdings at UC, the California State Library, and the Center for Research Libraries. Collection strengths include agriculture, dry lands, oceanography, entomology, performing arts (especially film and

television), photography, Californiana, materials on Mexico and Central America, 17th and 18th century British literature, health sciences, and science fiction.

The periodicals file, which includes newspapers, journals, proceedings, etc., contains over 640,000 unique titles representing over 1.2 million holdings from UC, Stanford University, the University of Southern California, the 19-campus California State University system, and selected other libraries.

The MELVYL catalog also provides access to two databases of article citations: MEDLINE and Current Contents. The MELVYL MEDLINE database contains the current five-year file of the National Library of Medicine's MEDLINE database, which includes article citations and abstracts, indexed from over 4,000 health sciences journals. The Current Contents file, from the Institute for Scientific Information, contains one year of citations to articles in over 6,500 journals in seven broad subject disciplines. Use of these files, unlike the books and periodicals files, is restricted to the UC community.

The "DLA Bulletin" and the "Mynd of the MELVYL Catalog," two publications describing the online catalog and its development and use, are also available online. The MELVYL catalog also provides access via TELNET to other remote library systems on the Internet.

Network Access

The system is on the Internet and can be accessed using the host name melvyl.ucop.edu or any of four Internet addresses (31.1.0.1, 31.0.0.11, 31.0.0.13, 31.1.0.11).

Who Can Use the Catalog

The MELVYL online catalog and periodicals file are universally available. Access to MEDLINE and Current Contents files are restricted under a license agreement to the University of California faculty, staff, and students.

FOR MORE INFORMATION, CONTACT:
(415) 987-0522 Clifford Lynch, Director (policy questions) calur@uccmvsa.bitnet, lynch@postgres.berkeley.edu
(415) 642-3466 Mike Berger, Asst. Dir. for Planning (policy, planning) mgbuc@uccmvsa.bitnet
(415) 987-0563 Mary Engle, Systems Analyst (technical, general) meeur@uccmvsa.bitnet or engle@cmsa.berkeley.edu
(415) 987-0552 Laine Farley, Head of User Services (catalog use) lxfol@uccmvsa.bitnet

MELVYL is a registered trademark of The Regents of the University of California.

UNIVERSITY OF CALIFORNIA, BERKELEY
GLADIS - THE UC BERKELEY ONLINE CATALOG

GopAC.BERKELEY.EDU

Instructions:
1. **telnet GopAC.BERKELEY.EDU**

VT100 emulation is possible but not explicitly present. Logoff instructions are provided. GLADIS is public access and it does not require a password for access. The catalog covers the holdings of most UCB libraries, including the main library, the Moffitt Undergraduate Library, the Bancroft Library and some 23 branch libraries. The catalog is complete for monographic holdings from 1977 to the present and incomplete for monographic holdings prior to that date. We are in the process of converting older monographic records, so more of these records appear in the catalog daily. All of the serial titles, both past and present, are reflected in GLADIS. GLADIS also contains records for maps, manuscripts, audiovisual materials and computer software. Circulation information (whether an item is checked out or not) is available for some library locations (six libraries as of September, 1989).

FOR MORE INFORMATION, CONTACT:
Roy Tennant
Public Service Automated Systems Coordinator
(415) 642-3532
RTENNANT@LIBRARY.BERKELEY.EDU
roy@ucbgarne.bitnet

COLORADO

COLORADO ALLIANCE OF RESEARCH LIBRARIES - CARL

PAC.CARL.ORG OR CSN.CARL.ORG

Address:
Colorado Alliance of Research Libraries
777 Grant, Suite 306
Denver CO 80203-3580
(303)861-5319
E-mail: help@carl.org

Access to CARL databases is available via terminals in member libraries, the Internet and CARL's dial-up modems {(303)861-1350 - 8 data bits, no parity, 1 stop bit - please turn off flow control and set the end-of-line character to CR only}.

Once connected to the CARL system, please follow the on-line instructions to query the desired database. The use of some databases is restricted.

Libraries:

Colorado State University
Northwest College
High Plains Regional Libraries
University of Hawaii System
Montgomery County Dept. of Public Libraries (Rockville, MD)
Northeastern University

Databases:

Online Libraries BBN's Internet Resource Guide

Instructions:

1. **telnet pac.carl.org or telnet 192.54.81.128**

OR from an Institution on Colorado SuperNet

1. **telnet csn.carl.org or telnet 192.54.81.121**

CARL offers access to the following groups of databases:

1. Library Catalogs
2. Current Article Indexes and Access
3. Information Databases
4. Other Library Systems
5. Library and System News

1. LIBRARY CATALOGS:

Auraria
Colorado School of Mines
C.U. at Boulder
C.U. Health Sciences Center
C.U. Law Library
Denver Public Library
Denver University
Regis College/Teikyo Loretto U.
Luther College
Northwest College
State Department of Education
Colorado State Publications
Government Publications
C.U. Film/Video - Stadium

Denver University Law School
University of Northern Colorado
University of Wyoming
Colorado State University
CCLINK — Community Colleges
Colorado Health Sciences Libraries
High Plains Regional Libraries

CCLINK — Community Colleges:
- Arapahoe C.C.
- Front Range C.C.
- Red Rocks C.C.
- Trinidad State Jr. College
- Otero Junior College
- Pikes Peak C.C.
- Pueblo C.C. Lamar C.C.
- Morgan C.C.

Colorado Health Sciences Libraries:
- Association of Operating Room Nurses
- C.U. Health Sciences Center
- Denver Medical Library
- Saint Joseph Hospital
- Swedish Medical Center

High Plains Regional Libraries:
- Estes Park Public Library
- Fort Morgan Public Library
- Sterling Public Library

2. CURRENT ARTICLE INDEXES AND ACCESS:

DATABASE: UnCover (Copyright CARL Systems Incorporated)

This database contains records describing journals and their contents. Coverage is rapidly growing as CARL member holdings are processed. UnCover will soon include more than 10,000 titles, and descriptions of over 600,000 articles will be generated each year. Articles can be retrieved individually or displayed as the table of contents for any given journal issue.

Note: UnCover is restricted to use by the patrons of CARL's member Libraries. Others may make special arrangements. Please send e-mail to: uncover@carl.org or contact Rebecca Lenzini at (303)861-5319 for more information.

DATABASE: MAGAZINE INDEX (Copyright Information Access Company)

MAGAZINE INDEX contains current indexing for over 400 popular and general interest magazines. It covers current affairs, leisure and travel, consumer affairs and products, people in the news, education, arts, and science. Many of the articles covered are available for delivery either online or by telefacsimile.

Note: The MAGAZINE INDEX is restricted to use by specific terminals within member libraries, CARL's dial-up lines and users at Colorado SuperNet institutions. Use of the index is free of charge. Article delivery may be charged via MasterCard or Visa.

DATABASE: TRADE & INDUSTRY INDEX (Copyright Information Access Company)

TRADE & INDUSTRY INDEX is a comprehensive database covering all aspects of business and industry: companies, products, people, economics, management, technological innovations, and industry trends. Over 600 publications are included. Many are available for delivery, either online or by telefacsimile.

Note: The TRADE & INDUSTRY INDEX is restricted to use by specific terminals within member libraries, CARL's dial-up lines and users at Colorado SuperNet institutions. Use of the index is free of charge. Article delivery may be charged via MasterCard or Visa.

DATABASE: BLC Union List

This database contains the current journal holdings of the Boston Library Consortium, a cooperative association of academic and research libraries in the Greater Boston area.

- Boston College
- Boston Public Library
- Boston University
- Brandeis University
- MIT
- Northeastern University
- State Library of Massachusetts
- Tufts University
- University of Massachusetts/Amherst
- University of Massachusetts/Boston
- University of Massachusetts/Worcest.
- Wellesley College

DATABASE: New Journal Issues

Information about journal issues received the previous business day by some of the CARL libraries.

DATABASE: Conser

The CONSER file is a subset of the authenticated MARC CONSER file. It contains approximately 220,000 bibliographic records for serials that were coded c (current) in byte 6 of the 008 field. Update tapes containing new records and changes are processed monthly. The records are cataloged using the same indexing rules that are applied to the CARL bibliographic files. Libraries may access this file for downloading bibliographic records through CARL Serials Control.

DATABASE: Online Libraries

ONLINE NEWSLETTER and ONLINE LIBRARIES AND MICROCOMPUTERS are full text publications that comprise the world's foremost news service in the Online and CD-ROM field. The print edition of these publications is distributed in over 70 countries. This database presents articles from Online Libraries and Microcomputers (9/83 to date), Online Newsletter (1980-81 and 1988 to date), and Online Hotline (1982-1987). Published by Information Intelligence Inc., Phoenix, Arizona. (602-996-2283)

3. INFORMATION DATABASES:

DATABASE: Encyclopedia

The Academic American Encyclopedia, published by Grolier Electronic Publishing, Inc. is the equivalent of a 20 volume printed encyclopedia. It contains over 30,000 articles of general interest in the humanities, science and the social sciences, as well as information about sports and contemporary life. Many biographies are included and the information is updated regularly.

Note: The encyclopedia is restricted to use by the patrons of certain of CARL's member libraries.

DATABASE: CHOICE : Current Reviews for College Libraries.

The file includes reviews from September 1988 forward, supplied by the Association of College and Research Libraries. Data are copyright ACRL, and CARL thanks the Association for allowing us to use its records.

DATABASE: Environmental Education

The Directory of Environmental Education Resources (DEER) is a joint project of the Colorado Alliance for Environmental Education and the Colorado Department of Education. DEER includes Colorado and regional agencies, organizations, companies, groups, and individuals who disseminate environmental education resources. Please contact the organizations listed for more information about their programs.

DATABASE: Metro Denver Facts

METRO DENVER FACTS is 'a statistical summary of metropolitan Denver's growth and assets as a business location.' The data is supplied by the Economic Development Group of the Greater Denver Chamber of Commerce, and is presented here as a project of the METRO DENVER NETWORK and CARL.

DATABASE: Internet Resource Guide

The Internet Resource Guide - Copyright 1990 BBN Systems and Technologies Corp. - is compiled by the NSF Network Service Center (nnsc@nnsc.nsf.net). Information on computational resources, library catalogs, archives, and other resources available via the Internet are supplied by members of the Internet community. This work is supported through the Univ. Center for Atmospheric Research and the National Science Foundation. Neither UCAR, NSF, NNSC, nor BBN is responsible for the accuracy of these listings.

This searchable, full text version of the BBN Internet Resource Guide is updated monthly from the text files produced at BBN.

4. OTHER LIBRARY SYSTEMS:

Boulder Public Library (Boulder, CO)
MARMOT Library System (Colorado Western Slope)
Pikes Peak Library System (Colorado Springs, CO)
University of Hawaii System (Honolulu, HI)
Montgomery County Dept. of Public Libraries (Rockville, MD)
Northeastern University (Boston, MA)

5. LIBRARY AND SYSTEM NEWS:

Auraria
C.U., Boulder
Denver Public Library
Denver University
Denver University Law Library
Colorado School of Mines
University of Northern Colorado
Regis College/Teikyo Loretto U
University of Wyoming
C.U. Health Sciences Center
C.U. Law Library
Government Publications
Luther College CC Link (Community Coll.)
GENERAL PAC NEWS
Technos

FOR MORE INFORMATION, CONTACT:
Colorado Alliance of Research Libraries
bshafer@carl.org
(303)861-5319

DELAWARE

UNIVERSITY OF DELAWARE LIBRARIES DELCAT

DELCAT.UDEL.EDU or DELCAT.ACS.UDEL.EDU

Address:
University of Delaware Libraries
Newark, DE 19717-5267

Contacts:
Susan Brynteson,
Director, University Libraries
(302) 451-2231

Stuart Glogoff
Head, Systems Department
University Libraries
epo27855@udacsvm.BITNET or
epo2785@acsvm.acs.udel.edu
(302) 451-2234

Software: NOTIS Systems, Inc.
VT100 emulation is supported and logoff instructions are provided.

Instructions:

You can use telnet to connect to DELCAT, type telnet DELCAT.UDEL.EDU or DELCAT.ACS.UDEL.EDU. After you are connected to DELCAT, press the RETURN key to see a list of valid terminal types. You may have to press the RETURN key 2-3 times. If you have connected in line mode, use TYPETERM as your terminal type. If you are using a Sun workstation, use VT100 as your terminal type. You should also telnet to DELCAT from a "csh-tool" window. Do not telnet from a "cmd-tool" window. Otherwise, select the terminal type closest to the one you are using.

In response to the ENTER TERMINAL TYPE: prompt, type your terminal type and press the RETURN key. Press the RETURN key again when the "Welcome to DELCAT" screen appears, and follow the directions as outlined on the resulting screen of instructions.

To exit:

To log off DELCAT, type either QUIT or EXIT and press the RETURN key.

FLORIDA

FLORIDA'S STATE UNIVERSITY SYSTEM

NERVM.NERDC.UFL.EDU

Instructions follow for accessing the online library catalogs of Florida's State University System, brought to you courtesy of the Florida Center for Library Automation, Gainesville, Florida.

The catalogs, called LUIS, use the NOTIS software marketed by NOTIS Systems, Inc. (Evanston, Ill.) The software resides on an IBM 3090-600 owned and operated by the Northeast Regional Data Center (NERDC) in Gainesville.

There are actually nine LUIS catalogs, one for each university. For each library, the percentage of its collection searchable in LUIS is different and is always changing. To find out what a library's LUIS catalog covers, contact that library.

LUIS is available

7:30 a.m. - 1:00 a.m.	Monday - Friday
8:00 a.m. - 1:00 a.m.	Saturday
10:00 a.m. - 1:00 a.m.	Sunday

Computer time for searching the catalogs is paid for by FCLA. Any telecommunications fees incurred are the responsibility of the user.

****

GENERAL NOTES

+ These procedures assume you know how to access the Internet. Contact your local data center for additional information.
+ It is important for you to know what action to take in response to local system messages.
+ These procedures are for tn3270 protocol. We would like to hear of successful access using other protocols.

****

Signing On

ENTER: telnet nervm.nerdc.ufl.edu

SYSTEM DISPLAY: Various messages as the connection with NERDC is attempted.

SYSTEM DISPLAY: NERVM logo screen with "Command ==>" at the end. ENTER: dial vtam (following "Command ==>)

SYSTEM DISPLAY: NERDC VTAM IS ACTIVE ENTER: nerluis fclskya (below "NERDC VTAM IS ACTIVE")

SYSTEM DISPLAY: SIGN-ON COMPLETE (briefly)

SYSTEM DISPLAY: LUIS User Menu

At this point you can select the LUIS catalog that you wish to search. The selected catalog's introductory screen will display; it contains brief search instructions and commands for getting more detailed help screens. Brief search instructions are also on every screen. If you get lost, type "e" (no quotes) and <ENTER> to return to the intro screen.

Changing Catalogs

You can return to the menu from any LUIS screen by entering "luis" (without quotes). Among the menu choices is a union index to author/title entries in all of the catalogs. At this time, ONLY authors and titles can be searched through this index. However, you may repeat any author, title, or subject search in multiple catalogs using the following shortcut:

1. Perform the search in one catalog.
2. Retrieve the menu.
3. Change catalogs.
4. Type "r" (without quotes) and <ENTER>. The last search will redisplay.
5. <ENTER> to execute the search.

Signing Off

When you are finished, sign off of LUIS using either of the following methods:

1. ENTER: %off (from any LUIS screen) ***** or ***** ENTER: luis (from any LUIS screen) SYSTEM DISPLAY: LUIS User Menu ENTER: (number of menu option for exiting LUIS)

For either method, the following applies:

SYSTEM DISPLAY: SIGN-OFF COMPLETE (maybe, briefly)

SYSTEM DISPLAY: NERDC VTAM IS ACTIVE ENTER: undial (below NERDC VTAM IS ACTIVE)

You will be back in your home system.

HELP

If you need assistance once you get connected to NERDC, send a message to fclmag@nervm.nerdc.ufl.edu (INTERNET) or fclmag@nervm (BITNET) or call (904) 392-9020 (VOICE).

FOR MORE INFORMATION, CONTACT:

Mary Ann Garlough
Florida Center for Library Automation
2002 NW 13th St., Suite 320
Gainesville, FL 32609-3478
USA VOICE: (904) 392-9020
FAX: (904) 392-9185
BITNET: fclmag@nervm
INTERNET: fclmag@nervm.nerdc.ufl.edu

GEORGIA

EMORY UNIVERSITY
EMORY UNIVERSITY LIBRARIES ONLINE PUBLIC ACCESS CATALOG

EMUVM1.CC.EMORY.EDU

Contact:

Selden S. Deemer
University Libraries
G21 Woodruff Library
Emory University
Atlanta, GA 30322
E-mail: libssd@emuvm1
Phone: (404) 727-0271

Description

The online catalog system is based on IBM DOBIS/Leuven software. The catalog contains the union catalog for 5 library units: General Libraries (Woodruff, Chandler, and Chemistry Libraries), Health Sciences Center Library, Law Library, Oxford College Library, and Theology Library.

The online catalog database currently contains more than 500,000 bibliographic records, representing approximately 40% of the total holdings. A retrospective conversion project has been started.

The online catalog is located on host EMUVM1.CC.EMORY.EDU. TN3270 emulation is required.

Network Access

After the VM screen is displayed, press ENTER (normally the return key) to get a CP READ. Type DIAL VTAM and press ENTER. At the VTAM screen, type LIB and press ENTER. When the CICS screen appears, press the PF1 key. The next screen will be the initial library systems screen. All references to pressing RETURN on the library screens mean to press the key which sends ENTER (normally the RETURN key). To exit, terminate the telnet connection.

Additional Information

Context-sensitive help is available throughout the Online Public Access Catalog with the PF2 key. No account or password is required.

Scheduled availability:

Monday - Saturday	8:00 a.m.- 2:00 p.m.
Sunday	Noon - 2:00 a.m.

The Emory Online Public Access Catalog is available to all members of the Internet community.

FOR MORE INFORMATION, CONTACT:

For assistance in searching the Emory University Online Catalog, contact the reference desk at Woodruff Library, (404) 727-6875.

HAWAII

UNIVERSITY OF HAWAII AT MANOA ONLINE CATALOG

REMOTE ACCESS ID APPLICATION FOR INTERNET ACCESS TO THE UNIVERSITY OF HAWAII AT MANOA ONLINE CATALOG

Please supply ALL of the following information, so that your application may be processed as quickly as possible. A "Remote Access Viewer" patron record and dial-in ID will be created in our online library system. You will be notified via e-mail of your ID and Password and instructions for Internet access will be uploaded at that time. Please allow at least 2 weeks for processing.

Send Information to:
uhlib@uhccux.uhcc.hawaii.edu

Send questions to:
chantiny@uhccux.uhcc.hawaii.edu

YOUR NAME:

YOUR INITIALS: / / /
First Middle Last

POSITION/TITLE:

FULL INTERNET AND/OR BITNET ELECTRONIC MAIL ADDRESS(ES):

CAMPUS/COLLEGE:

DEPT.ADDRESS:

DEPT. PHONE:

Optional: HOME ADDRESS:
HOME PHONE:

Optional : Baud rate at which you will usually be communicating:

Terminal type/model or microcomputer and communications package name you will be using:

ILLINOIS

NORTHWESTERN UNIVERSITY "LUIS"

PACX.ACNS.NWU.EDU

Connecting:

VT100 emulation is supported and logoff instructions are provided. Northwestern University's "LUIS" online catalog may be accessed from other academic institutions via the Internet, using telnet. The library catalog's telnet address is PACX.ACNS.NWU.EDU. Once connected, press <ENTER> or <RETURN>; you will receive the prompt "enter class". Type 60, then press <ENTER> or <RETURN> twice. At this point you will be prompted for a terminal type; VT100 is to be preferred, assuming your local communications software will provide VT100 emulation. Pressing <ENTER> or <RETURN> again will provide you the online catalog's introductory screen.

To sign off, please enter a percent sign (%) at any prompt. You can then disconnect your telnet session. PLEASE NOTE that the online catalog AUTOMATICALLY disconnects if there is no keyboard activity within a two-minute period.

Remote users of Northwestern's LUIS catalog who may be familiar with other NOTIS-based online catalogs will note some differences in our implementation. Of particular interest may be NU's provision of cross-references in the online catalog, a feature that is to appear in the commercial release scheduled for the end of 1990. This LUIS version does not provide keyword/Boolean searching, but does offer what we call "search qualification," the ability of a user to limit an author, title, or subject search result by any of several elements present in the coordinated indexes: date, format (e.g., serial, video), other word, or holding library. Use of this feature is explained in a help screen which may be accessed by typing an ampersand (&).

Contact:

Brian Nielsen
Northwestern U. Library
b_nielsen@nuacc.acns.nwu.edu
(708)491-2170

UNIVERSITY OF CHICAGO

OLORIN.UCHICAGO.EDU

Instructions:

1. **telnet OLORIN.UCHICAGO.EDU**
2. At the ENTER CLASS prompt, enter **LIB48**
3. When CONNECTED appears, press **<RETURN>**

To exit:

To exit the system, type **LOGOUT**.

NO FURTHER INFORMATION IS AVAILABLE AT THIS TIME.

THE UNIVERSITY OF ILLINOIS AT CHICAGO

UICVM.UIC.EDU

To access the library catalog:

Type: telnet UICVM.UIC.EDU
Response: An introductory screen, with "more" in right corner
Type: Clear key
Response: UIC flame screen
Type: Enter key
Response: Logon screen
Type: DIAL PVM
Response: PVM (Passthru) screen
Type: Move cursor to NOTIS and press Enter key
Response: One line message about port in use

Type: Enter key
Response: LUIS introductory screen

To leave:

Type: ####
Response: PVM (Passthru) screen
Type: PA1
Response: PVM (same) screen with telnet message in lower left
Type: QUIT
Response: "Enter to return"
Type: Enter key

UNIVERSITY OF ILLINOIS/URBANA-CHAMPAIGN

SYSTEM: ILLINET Online

Online system for the University of Illinois collection, and statewide system or over 800 academic, public, and special libraries throughout Illinois.

Instructions:
1. **telnet GARCON.CSO.UIUC.EDU**

VT100 emulation is possible but not explicitly present. Logoff instructions are provided. If the user's software does not allow specific port addressing, you can telnet to the host or the address and enter LCS at the login prompt.

HOURS:

Monday - Saturday:	8:00 a.m. - Midnight
Sunday:	Noon - Midnight

Database Scope:

Use ILLINET Online to search over 3 million titles in the collection at the University of Illinois Library. ILLINET Online also provides searching access to the collections of over 800 libraries in the state (over 20 million items.) ILLINET Online consists of two separate but closely linked systems: LCS and FBR.

LCS is a short-record circulation system, with information about a book's check out status, location, and call number. It contains records for nearly everything cataloged at the Univ. of Illinois Library. LCS also includes records for over 30 other academic libraries in Illinois. LCS searching is made easy through the LCSgated interface. Online help and instructions are available by typing HELP when you log on to the system.

FBR contains more in-depth information about subjects, authors, titles, and series for books cataloged since 1975 and most serials cataloged since 1977 (over 1.5 million books) at the University of Illinois Library. Online help for searching FBR is available by typing INFO when you enter the system.

FOR MORE INFORMATION, CONTACT:

Beth Sandore
Automated Systems
Off.: (217) 333-2592
Fax.: (217) 244-0398
SANDORE@UIUCVMD.BITNET

INDIANA

PURDUE UNIVERSITY
TRAVELING THOR — THE ONLINE RESOURCE

LIB.CC.PURDUE.EDU

Your Connection to the Purdue Libraries

Dial-up Using a Microcomputer and Modem

This feature may be employed by anyone using a microcomputer, modem, and communications software, whether from their home, office, dorm room, or from a library. To properly set the communications software to access the library computer and THOR, set your terminal (computer), modem and communications software for:

Communication Settings	even parity 7 data bits 1 stop bit XON/XOFF enabled	
Telephone Number(s)	computer (317) 494-9400 help (317) 494-2857	
Hours:	Monday - Saturday Sunday	8:00 a.m. - Midnight 11:00 a.m.- Midnight

You can dial-up to THOR with a variety of microcomputers and software. For whatever hardware and software combination you use, you must learn how to type the IBM <enter> and <clear> functions. This information can be obtained from the Library Systems Department ((317) 494-2857). The most common combination is an IBM PC compatible computer with VT100 terminal emulation. For this combination these key combinations work:

<enter> <ctrl> and <return> simultaneously
<clear> esc O [capital O] p

After connecting to the computer, press <return> several times until the system responds with the "DIAL:" prompt.

Access from the Internet

Users of any computer connected to the Internet (which includes most multi-user computers on campus) can connect directly to THOR without using a telephone line. Different combinations of computer hardware will connect in different ways, but some common types are discussed below. If none of these combinations seem to describe your situation, or neither method works, call the Library Systems Department ((317)-494-2857) for assistance. You might also get help from your local computer system administrator.

From terminals connected to a UNIX computer:
- log on to your UNIX account as usual
- make sure the TERM environment variable is set correctly
- type, "tn3270 lib.cc.purdue.edu" and press RETURN

From terminals connected to the VM (IBM) computer:
- log on to your VM account as usual
- type, "telnet lib.cc.purdue.edu" and press ENTER

From many off-campus computers on the Internet: - follow the appropriate set of instructions above - if "lib.cc.purdue.edu" does not work, use "128.210.9.8" instead.

The system should display the THOR database selection menu. If anything else happens, or if the system prints numerous extraneous characters with the menu, disconnect and seek help.

Once properly connected to THOR, you must know how to type the IBM <enter> and <clear> functions. Users already connected to an IBM system can use the same keys that they use for their own account. For UNIX users, these keys are set by their System Administrator for each terminal type. Frequently, <ctrl> and <j> will work for <enter>, and <ctrl> and <z> will perform a <clear>, but check with your System Administrator for the correct combinations.

Detailed Logon Instructions

THOR SCREEN	WHAT YOU DO
You have a blank screen but your communications software	Type: ATDT49400 (This is the Hayes command to dial a telephone number on a is running touch tone system). Off campus in the West Lafayette area use ATDT4949400. Outside of the 317 area use ATDT317,4949400. SUVON users, type: ATDT(your access code),

	494,9400 [e.g. ATDT8,494,9400]
ATDT49400 CONNECT	Press the return key several times until the “DIAL” prompt appears.
DIAL:	Type: library <return>
RINGING ANSWERED	Enter your terminal type. Most microcomputer communications packages
ENTER TYPE: TERMINAL	emulate a VT100 terminal, so you will probably type: vt100 <return>
<screen with graphic of Purdue fountain>	Type: THOR <enter>
THOR CATALOG SELECTION MENU <with lightning bolt>	Type: BOOK or FILM to select database <enter>

SIGN ON IS NOW COMPLETE

Consult the THOR brochure for instructions on search commands.

Logoff Instructions

type: q<enter>	to redisplay the menu screen
type: quit<enter>	to disconnect

Description of T H O R — THe Online Resource

THOR is an on-line database of information about books, periodicals, and other materials in the Purdue University Libraries. All serials and books added to the Libraries after June 1976 can be found in THOR. Records for older books are continually being added.

THOR is controlled through a set of single letter commands followed by an equal sign (=). Type the command, your search topic, and press the ENTER key. Upper and lower case are treated the same. For instructions on searching, type the search command without the equal sign. Example: “a” by itself gives instructions on author searching.

Prior to searching, press the clear button until the THOR menu screen appears. Then select either the BOOK or FILM/VIDEO database to search.

FOR MORE INFORMATION, CONTACT:

Dan Ferrer
Head Library Systems Department
dan@asterix.lib.purdue.edu
(317) 494-2857

THE UNIVERSITY OF NOTRE DAME LIBRARY

IRISHMVS.CC.ND.EDU

TN3270 emulation is required.

At the ENTER COMMAND OR ‘HELP’: prompt enter “library” and press the enter key. You will be logged onto the library system via SIM3278 either as a VT100 terminal or a 3278-2 terminal. #HELP gets SIM3278 help. The rest of the instructions are on the screen (after clearing the intro logo). To leave, type x on the command line and press the enter key. At the ENTER COMMAND OR ‘HELP’: prompt, type bye and press the enter key.

KANSAS

THE UNIVERSITY OF KANSAS LIBRARY

KUHUB.CC.UKANS.EDU

VT100 emulation is supported and logoff instructions are provided.
For recorded information on system availability, call (913) 864-4320. For assistance or to report a problem, call (913) 864-0110.

Instructions:

* Username: type “relay <cr>”

*

* University of Kansas X.25 Network Relay Facility
*
* Type one of the following mnemonics to connect to the given system:
*
* VM NAS 8043 (VM/CMS)
* MVS IBM 3082
* Harris Harris 100 (VDS)
* OCAT On-Line Library Catalog System<CR>
* Help Network Help/Status Facility
* DELPHI The Dekphi Network
* telnet prompts for a telnet address
* Tn3270 prompts for a telnet address (using IBM 3270 protocol)

*
* Or type ‘q’ to quit
*
* System ? type “OCAT <cr>”

* Connecting to On-line Library Catalog system ...
*
* Enter Terminal Type: There are many choices here, but if you are emulating a VT100, try typing “vt100 <cr>” to pick up the local modifications to the character set.

* UNIVERSITY OF KANSAS (LAWRENCE) VTAM NETWORK
* TYPE SYSTEM ID AND PRESS ENTER * OR PRESS ENTER FOR OPTIONS

type “ocat <cr>”

* SIGN ON - CLEAR SCREEN, TYPE OCAT OR CSSN AND PRESS ENTER TRANSACTION
*
* (Banner screen appears at this point)

type “<esc> <esc> ocat <cr>”

* University of Kansas Libraries
* Online Catalog and Information System

You will then be prompted by a menu with the following options:

* 1 - How to search and how to ask for help
* 2 - Basic explanation of how the catalog works
* 3 - Description of what is in the catalog, and what isn’t
* 4 - Library announcements, hours, and other information
* 5 - Suggest a book the library should buy
* 6 - Make a comment or suggestion about the online catalog

FOR MORE INFORMATION, CONTACT:

John S. Miller
Automation Librarian
University of Kansas
(913) 864-5530
fax: (913) 864-5380
BITNET: SP05@UKANVM

MAINE

UNIVERSITY OF MAINE SYSTEM LIBRARY CATALOG

URSUS.MAINE.EDU

Address:
University of Maine System Library Catalog
Orono, ME 04469-0139

URSUS is the union catalog of the University of Maine System Libraries, using the Innovative Interfaces software (INNOPAC).

After you have connected to URSUS, type ursus in lower case letters at the login prompt, and press <RETURN> to see a list of valid terminal types: VT100, Wyse, or emulator. Specify your terminal type, confirm your terminal choice, and begin searching.

The URSUS database currently contains more than 700,000 bibliographic records, representing approximately 75% of the total holdings. A retrospective conversion project has been started.

FOR MORE INFORMATION, CONTACT:

Elaine Albright, Director
Albright@Maine.Maine.edu
(207) 581-1660

Marilyn Lutz, Systems
Lutz@Maine.Maine.edu
(207) 581-1658

MARYLAND

AIM (ACCESS TO INFORMATION ABOUT MARYLAND)

AIM.UMD.EDU

An online database of activities and services available at the College Park campus. The main intent is on-campus use, but the information is public and others may be interested in the support organizations and policies for the College Park campus. In addition to a menu-based directory, the system also provides schedules for campus events (type "S" at the main menu).

VT100 emulation is possible but not explicitly present. Logoff instructions are provided.

JOHNS HOPKINS UNIVERSITY LIBRARY

JHUVM.HCF.JHU.EDU (128.220.2.2)

Address:
Johns Hopkins University Library
3400 N. Charles Street
Baltimore, Maryland 21218

To Access the library catalog:
1. **telnet jhuvm.hcf.jhu.edu**
2. **<Cr>** at JHU/HAC logo screen
3. At the command prompt, type **Dial Janus <cr>**
4. When the port assignment appears in the upper left corner of the screen, press **<enter>** and the Janus logo screen should appear.

Janus is the catalog of the Milton S. Eisenhower Library and is based on NOTIS software. It is complete for all materials cataloged since 1975 and most materials cataloged before 1975. Circulation status is not available for some materials. The catalog is available daily 7am - 12 midnight.

To logoff:
1. Type four pound signs (**####**) and **<cr>**.
2. Break the telnet connection through the normal method for your TCP/IP software.

FOR MORE INFORMATION, CONTACT:

Pamela Jeffcoat
phj@jhuvm
(301)338-8337

Tim DiLauro
timmo@jhuvm
(301)338-5263

UMCAT (ONLINE CATALOG FOR UM LIBRARIES)

UMCAT.UMD.EDU

Experimental version of online public access catalog for the libraries of five campuses (UMCP, UMAB-Law, UMBC, UMES, and UMUC), run on a Geac 8000 system at the University of Maryland at College Park. If blank screen appears, type CAT to access the online catalog.

FOR MORE INFORMATION, CONTACT:

Dr. Ron Larsen
Associate Director for Information Technology
Universty of Maryland Libraries
University of Maryland at College Park
Internet: RLarsen@LIBR.UMD.EDU
BITNET: Larsen@UMDC
Telephone: (301) 454-7332

MASSACHUSETTS

BOSTON UNIVERSITY "TOMUS"

LIBRARY.BU.EDU

Contact:

Ken Maurer
Boston University
Mugar Library
771 Commonwealth Ave.
Boston, MA 02215
(617) 353-3709
kjm@buita.bu.edu

Boston University's online Catalog (TOMUS) provides access to over one and a half million volumes and two and a half million microforms. The collection represents a majority of holdings for all libraries on campus.

TOMUS is a Carlyle system and provides online help screens. VT1 emulation is supported and logoff instruc-

tions are provided

HARVARD UNIVERSITY
HOLLIS - HARVARD ONLINE LIBRARY INFORMATION SYSTEM
128.103.60.31

Instructions:
1. telnet or TN3270 to hollis.harvard.edu (128.103.60.31).
2. If the next screen you see begins "Mitek Server..." press ENTER or RETURN. Default VT100 emulation is provided. (Only terminals connecting as ascii devices see this screen.)
3. The next screen will begin "HARVARD UNIVERSITY / OFFICE FOR INFORMATION TECHNOLOGY". Type "hollis" after the prompt and press ENTER: ==> hollis "Welcome to HOLLIS" should display.

No password is required to enter HOLLIS. The union catalog of the Harvard libraries (database HU) and the database of older Widener Library materials (database OW) do not have any access restrictions. However, some other databases within HOLLIS may have access restrictions because of vendor requirements.

To exit, use whatever command your local software provides for escaping back to telnet. If (and only if) you came in through the screen that began "Mitek Server...", you can also exit by pressing the Escape key and typing the letter "x" twice: ESC xx. These users can also see their default vt100 keyboard mapping by pressing the Escape key and typing the letter "h": ESC h.

FOR FURTHER ASSISTANCE, CONTACT: library@harvarda.harvard.edu

MICHIGAN

THE UNIVERSITY OF MICHIGAN
CTS.MERIT.EDU

The University of Michigan uses NOTIS under MVS/ESA on and IBM 3090-600E.

Instructions:

VT100 emulation is supported and logoff instructions are provided. After telneting to Michigan, you may have to type a <cr> for the system to recognize your presence. You will then be prompted for terminal type, for which VT100 is the recommended response. The system will follow with a prompt asking "Which Host?". Enter "mirlyn". You will be prompted for confirmation of terminal type, after which you should get a NOTIS screen.

To exit:

To get out, type "<ctrl-e>%quit", or just disconnect your telnet.

FOR MORE INFORMATION, CONTACT: MIRYLNINFO@UM.CC.UMICH.EDU

MICHIGAN STATE UNIVERSITY LIBRARIES
MAGIC.LIB.MUS.EDU

The online catalog of the Michigan State University Libraries contains 1,300,000 bibliographic records of books, serials, microforms, software, and other non-book materials.

Hours of availability (EDT):

Monday- Friday	7:30 a.m. - 11:15 p.m.
Saturday	10:00 a.m. - 11:15 p.m.
Sunday	Noon - 11:15 p.m.

Exception is Term Break

Monday- Friday	7:30 a.m. - 6:15 p.m.
Saturday	10:00 a.m. - 6:15 p.m.

Online help is available or call MSU Information/Reference at (517) 353-1800.

Instructions:

(TN3270 emulation is required, or at least strongly recommended.)
1. **telnet magic.lib.msu.edu**
2. At the VM3270 screen, enter: **dial magic <cr>**
3. At the Terminal Emulator screen enter: **VT100 <cr>**

If only VT100 emulation is available, use the following IP address and logon steps:
1. **telnet merit.msu.edu**
2. At the Which Host? prompt, enter: **MAGIC <cr>**
3. At terminal emulation i.d., enter: **VT100 <cr>**

To exit:
To logoff:
1. Enter appropriate break command
2. Enter **quit** twice.

FOR MORE INFORMATION, CONTACT:
Tom Albright, MSU Libraries Systems Office
Voice - (517) 353-6752
Fax - (517) 353-9806
BITNET - 20676TEA@MSU

WAYNE STATE UNIVERSITY
CMS.CC.WAYNE.EDU

Instructions:
1. **telnet CMS.CC.WAYNE.EDU** (use with TN3270)
2. Use TAB to move to the COMMAND line
3. At the COMMAND line, type **DIAL VTAM**
4. At the WSUNET menu, type **LUIS**

To exit:
To exit the system, type **LOGOUT**

MINNESOTA

THE UNIVERSITY OF MINNESOTA LIBRARY SYSTEM--LUMINA
LUMINA.LIB.UMN.EDU

(Libraries of the University of Minnesota Integrated Network Access--LUMINA)

Instructions:
1. **telnet lumina.lib.umn.edu**
2. It prompts you with a menu allowing you to choose one of the following terminal types:
   0. VT100
   1. VT220
   2. VT220kp
   3. IBM3101
   4. TV925
   5. ADM3A
   6. ADM1178
   7. DGDasher

Running NOTIS on an IBM 4381, Lumina has nearly all the current collection online, and plans are in place to put periodicals and circulation information on the system next. System is considered by some to be relatively difficult to use, involving complex logoff escape sequences, for example. (. . .Be prepared to break the connection from your end, or just. . .

FOR MORE INFORMATION, CONTACT:

Craig D. Rice
UNIX Systems Specialist/Network Analyst
Academic Computing Center
St. Olaf College
Northfield, MN 55057
(507) 663-3631
cdr@acc.stolaf.edu

MISSOURI

UNIVERSITY OF MISSOURI

UMRVMB.UMR.EDU

Instructions:

1. **telnet UMRVMB.UMR.EDU**
2. At the CP READ prompt, enter **DIAL VTAM**
3. Enter **LUMIN**

To exit:

To exit the system, close your session with whatever break command works for you.

NO FURTHER INFORMATION IS AVAILABLE AT THIS TIME.

NEBRASKA

THE UNIVERSITY OF NEBRASKA LIBRARIES

129.93.16.1

Instructions:
1. **telnet: 129.93.16.1**
2. at login type: **library**

NO FURTHER INFORMATION IS AVAILABLE AT THIS TIME.

NEW HAMPSHIRE

DARTMOUTH COLLEGE
DARTMOUTH COLLEGE LIBRARY ONLINE CATALOG

LIB. DARTMOUTH.EDU

Address:
Dartmouth College Library
Hanover, NH

VT100 emulation is supported and logoff instructions are provided.

Contents:

BOOKS file - all monographic holdings of Dartmouth College Libraries BOOKS file -all serial holdings ORDERS file - on order and in process materials DARTMOUTH MEDLINE is available only to Dartmouth students, staff and faculty Grolier's Academic Encyclopedia is available only to Dartmouth students, staff and faculty Other

special files of Dartmouth Special Collections are also available. SELECT FILE for a list of files.

FOR MORE INFORMATION, CONTACT:
Katharina Klemperer
Director of Library Automation
Dartmouth College Library
Hanover, NH 03755
(603) 646-2574
Fax: (603) 646-3702
kathy.klemperer@dartmouth.edu

(please use the phone only as a last resort - thanks) hang up, if necessary.) Only VT100 emulation is supported.

NEW JERSEY

PRINCETON UNIVERSITY LIBRARY

PUCABLE.PRINCETON.EDU

VT100 emulation is possible but not explicitly present. Logoff instructions are provided.

To access the Library Online Catalog:
Type: telnet PUCABLE.PRINCETON.EDU
Response: Connect message, blank screen
Type: <cr>
Response: #
Type: Call 500
Response: Welcome screen for the Online Catalog

To exit:
Type: end
Response: # (your session will be ended)

FOR MORE INFORMATION, CONTACT:
Marvin F. Bielawski
Library Systems Planner/Coordinator
BITNET: MARVINB@PUCC

PRINCETON UNIVERSITY ONLINE MANUSCRIPTS CATALOG

Princeton University Library Princeton online manuscripts catalog (LITMSS). As of Nov. 1990, it consists of over 56,000 records ranging in level of description from records for single important items (e.g. individual letters of George Washington) to records for massive collections (e.g. the papers of the publisher Charles Scribner's Sons). Included in the 56,000 records are nearly 1,000 collection records, i.e. summary descriptions of whole collections.

To access the Manuscripts Database:
Type: telnet PUCC.PRINCETON.EDU
Response: VM370 logo
Type: <cr>
Response: Welcome screen with list of choices
Type: folio <cr>
Response: Welcome screen for FOLIO (PU's online research resoures)
Type: <cr>
Response: List of choices
Type: 3 <cr>
Response: Welcome screen for LITMSS, Princeton online mss database
Now follow the prompts

To exit:
Type: logoff
Response: (your session will be ended)

FOR MORE INFORMATION, CONTACT
John Delaney
Library
Leader RareBooks/Mss Cataloguing Team
BITNET: Q3784@PUCC

NEW MEXICO

THE UNIVERSITY OF NEW MEXICO
BOOTES.UNM.EDU

Address:
General Library
Parish (business) Library
Science and Engineering Library
Medical Center Library

VT100 emulation is supported and logoff instructions are provided. At login prompt, enter STUDENT1.....STUDENT6. No password is required. Select Library from main menu.

UNIVERSITY OF NEW MEXICO GENERAL LIBRARY
129.24.8.195

Instructions:
1. **telnet 129.24.8.195**
2. Type **start** to display the LIBROS welcome screen. Online help screens are available by entering help or a ?

Description:
LIBROS has all US Government Printing Office cataloging records since 1976. The US GPO records are updated monthly. LIBROS also contains cataloging records from New Mexico Institute of Mining and Technology and the Planning Library of the City of Albuquerque.

The system offers keyword, boolean search capability. In addition to author, title, and subject search commands, LIBROS offers an abstract index and retrieves all keywords from the abstract field. US GPO records and the City of Albuquerque Planning Library utilize the abstract field. The command and abstract is used to retrieve keywords from the abstract field.

Most materials listed in LIBROS are available via interlibrary loan or individuals may contact the UNM Library's Document Delivery Service. The Document Delivery Service charges a minimum of $5.00 per request for mailing photocopies directly to requestors. The Document Delivery Service may be contacted by phone at (505) 277-7135 or by FAX at (505) 277-6019 or by Internet at srollins@bootes.unm.edu or by Bitnet at srollins@unmb.

Additional Information:
Questions about the system may be directed to : Stephen Rollins Associate Dean University of New Mexico General Library Albuquerque, NM 87131-1466 (505) 277-6401

UNIVERSITY OF NEW MEXICO MEDICAL CENTER LIBRARY
BOOTES.UNM.EDU

Instructions:
1. **telnet BOOTES.UNM.EDU**
2. At the username prompt, enter **UNM_INFO**
3. Select the option for libraries and from that menu, select the Medical Center Library,

NO ADDITIONAL INFORMATION IS AVAILABLE AT THIS TIME.

NEW MEXICO STATE UNIVERSITY
LIBRARY.NMSU.EDU

VT100 emulation is possible but not explicitly present. Logoff instructions are provided.

Instructions:
1. **telnet LIBRARY.NMSU.EDU**
2. At the **:** enter **hello user.libr01**

NO ADDITIONAL INFORMATION IS AVAILABLE AT THIS TIME.

NEW YORK

CORNELL UNIVERSITY
CORNELLC.CIT.CORNELL.EDU

The online catalog database is stored on the IBM mainframe computer, CORNELLC, and includes records for approximately one-half of the five million volumes owned by the sixteen Cornell libraries. Most records are for materials acquired since 1973. However, records for many items acquired before 1973 have been added to the online catalog, including most holdings of the Africana, Engineering, Entomology, Hotel, ILR, Mathematics, Physical Sciences, and Veterinary libraries.

The online catalog is usually available from 6:30 a.m. through 4:00 a.m. However, due to computer maintenance requirements, the online catalog might not be available from 10:00 p.m. Saturday to noon Sunday, and from 10:00 p.m. to Midnight Sunday. The online catalog is most heavily used from 2:00 to 4:00 p.m. weekdays and might be slow to respond during those hours.

Instructions:
1. **telnet CORNELLC.CIT.CORNELL.EDU**

TN3270 emulation is required and logoff instructions are provided. Connection is via T3270

System Prompts	*You Type/Press*	*System Responds*
2. enter host name	cornellc <enter>	Cornell banne
3. LOGON	<enter> or <clear>	CP READ CORNELLC (blank screen)
4. blank screen	library <enter>	online catalog screen

To end your online catalog session:
===> **x** <enter> returns to TN3270 (from any screen)

Be sure to exit TN3270 to end the session.

NEW YORK UNIVERSITY
BOBCAT
BOBCAT.NYU.EDU

Volunteer surveyors reported that both TN3270 and VT100 emulation are possible but not explicitly present nor required. Logoff instructions are provided.

Contact:
New York University
Bobst Library Systems Office

70 Washington Square South
New York, NY 10012
(212) 998-2490

Diane Aquila, Systems Manager
AQUILA@NYUACF.BITNET AQUILA@ACF1.NYU.EDU

Instructions:

BobCat runs on the Geac System 9000. Circulation status information is posted in the OPC. BobCat does not require any logon procedure or password.

1. telnet to BOBCAT.NYU.EDU
2. Hit <return> to wake up a port
3. Type **END** to disconnect a session.

The system offers menus for each step.

Description:

The online catalog lists more than 750,000 records, including many pre-1973 items and all material purchased after 1973. BobCat contains the holdings of NYU's Division of Libraries, as well as the consortium libraries of the New School for Social Research, the Parsons School of Design, the Cooper Union for the Advancement of Science and Art, and the New York Academy of Art.

RENSSELAER POLYTECHNIC INSTITUTE

INFOTRAC.RPI.EDU

VT100 emulation is supported and logoff instructions are provided.

Address:
Folsom Library
Troy, New York

Contact:
Pat_Molholt@mts.rpi.edu

The service has been known for some years as "Infotrac", a name created at Rensselaer before there was a commercial product by that name. The name will soon change to "Infotrax" in order to avoid confusion with this product.

Instructions:

1. **telnet INFOTRAC.RPI.EDU**
2. Once connected, you will be prompted for terminal type; enter **?** for a list of possible answers.
3. After entering your terminal type, you will get a banner, and a request to type "return".
4. Finally, you get the following menu:

```
*
*       WELCOME TO INFOTRAC
*        RPI Libraries' Information System
*       (Copyright 1989)
*
*
*       To look for BOOKS .....                 type CATalog
*       To look for JOURNALS .....              type JOUrnals
*       To look for NEW BOOKS .....             type ORDers
*       To look for HOMEWORK ASSIGNMENTS ..     type HOMework
*       To look for ARCHITECTURE SLIDES ...     type SLIdes
*       To look for IEEE articles or papers     type IEEe
*       To display Library NEWS bulletins .     type NEWs
*       To send us a MESSAGE .....              type MESsage
 *      To END the session .....                type STop
```

*
* Type one of the file names from the list above and press RETURN
*
* : From this point the system is self-explanatory; HELP is available in the various categories.

STATE UNIVERSITY OF NEW YORK AT BINGHAMTON
BINGVMC.CC.BINGHAMTON.EDU

TN3270 emulation is required and logoff instructions are provided.

Instructions:
(use tn3270)
1. From command line type “dial vtam”
2. From VTAM menu screen type “elixir”
3. The initial catalog screen will appear—OPAC is NOTIS with usual search keys including keyword/boolean.

To exit:
1. Clear screen (CTRL-Z works with tn3270)
2. type “off” <ENTER>
3. type “undial” <ENTER> (Internet connection will be closed)
You must use the “tn3270” command to access ELIXIR.

Contact:
Andy Perry, Library Systems
State University of New York at Binghamton
(607) 777-4331

OHIO

CASE WESTERN RESERVE UNIVERSITY
EUCLID.CWRU.EDU

Instructions:
1. **telnet EUCLID.CWRU.EDU**

To exit:
To exit, hit the telnet key, usually **CTRL-]**, followed by **Q**.

NO FURTHER INFORMATION IS AVAILABLE AT THIS TIME.

KENT STATE UNIVERSITY
CATALYST
CATALYST.KENT.EDU

Instructions:
1. **telnet CATALYST.KENT.EDU**

CATALYST contains the complete holdings of the KSU Libraries. CATALYST is available Mon-Sat 7:00 AM to 2:00 AM and Sun 1:00 PM to 2:00 AM (EST).
All instructions should be on the screens.

Contact:
Jeff Gatten Systems Librarian
Kent State University Libraries
JGATTEN@KENTVM

OHIO STATE UNIVERSITY
LCS.US.OHIO-STATE.EDU

Contact:
Susan Logan
LOGAN@OHSTVMA

Instructions:
1. **telnet LCS.US.OHIO-STATE.EDU**

UNIVERSITY OF TOLEDO

Instructions:
These instructions are based on using KERMIT software, emulating VT100. You will have to use the TN3270 mode of commands for connecting to UTMOST.

you type:	OPEN UOFT01.UTOLEDO.EDU
response:	large UT logo on screen
you type:	<enter key>
response:	"enter one of the following commands..."
you type:	DIAL MVS
response:	"dialed to mvs ####"
you type:	UTMOST
response:	UTMOST introductory screen, you are now using NOTIS

NOTE: If the system does not seem to respond, trying depressing the <enter key>. If after dialing MVS you receive a message "application invalid", then just go ahead and type UTMOST anyway.

Disconnecting from UTMOST:
Depress the ALT/C, several times if necessary, until you get a completely blank screen. Then type "DISC", which should cause you to exit from UTMOST and also to sever the telnet connection.

FOR MORE INFORMATION, CONTACT:
Gary Klein
Business Librarian
FAC2813@UOFT01
(419) 537-2629 - voice
(419) 537-2726 - FAX

OKLAHOMA

THE UNIVERSITY OF TULSA
BULL.UTULSA.EDU (129.244.1.33)

LIAS-TU is the on-line catalog of the University of Tulsa Libraries. The catalog contains approximately 500,000 titles, representing the holdings of McFarlin Library (the general campus library) and the Law Library. Besides monographic and serials records, LIAS also provides bibliographic access to the curriculum collection, microforms, archives and manuscript collections, and the MARC Books All database.

Instructions:
Telnet, preferably using VT100 emulation, BULL.UTULSA.EDU (129.244.1.33) at the request for logon, type in upper case letters: LIAS,TU. The user will then be requested to identify their user category and hardware.

Now you can begin using the LIAS database. LIAS does not differentiate between author, title, series, or subjects in its command structure. Simply enter the words you wish to search.

The user can type HELP for more information on using LIAS. For general reference material, type HELP COMMANDS. There is an extensive HELP structure that can answer questions about the system.

To exit:

To logoff, type END.

FOR MORE INFORMATION AND TO USE THE SYSTEM, CONTACT:

Don Smith
Associate Director
McFarlin Library
The University of Tulsa
600 S. College
Tulsa, OK 74104-3189
E-mail:
DRS@TULSA.BITNET
LIB_DRS@VAX1.UTULSA.EDU
Telephone: (918) 631-2871

OREGON

UNIVERSITY OF OREGON

JANUS.UOREGON.EDU

VT100 emulation is supported and logoff instructions are provided.

Contact:

Rick Gates
RGATES@OREGON.UOREGON.EDU

Instructions:

***NOTE: You must be on a VT100, Wyse, or TVI925 terminal or emulator to be able to access JANUS!

1. **telnet JANUS.UOREGON.EDU** <— connect to JANUS <return> <return> <return> <— wake up JANUS
2. What kind of terminal are you using? **v** <— specify VT100 (must be lowercase)
3. y <— confirm your terminal choice

(Commence using JANUS)

PENNSYLVANIA

UNIVERSITY OF PITTSBURGH
PITTCAT

GATE.CIS.PITT.EDU

PITTCAT is the University of Pittsburgh's online library catalog. PITTCAT currently contains bibliographic information for over 1.4 million titles in all University of Pittsburgh libraries including the Hillman Library (humanities and social sciences), Afro-American, Buhl (Social Work), East Asian, Allegheny Observatory, Business, Chemistry, Computer Science, Darlington Memorial, Engineering, Fine Arts, Langley, Library and Information Science, Mathematics, Music, Physics, Public and International Affairs/Economics, Falk Library of the Health Sciences, Learning Resource Center (Nursing), Law, Western Psychiatric Institute and Clinic, and the regional campus libraries at Bradford, Greensburg, Johnstown, and Titusville.

PITTCAT is based on NOTIS Systems, Inc. software and provides author, title, subject and keyword access to all University of Pittsburgh serial titles and to most books added to library collections since 1981. Circulation and on-order status information is available for some library locations in PITTCAT.

PITTCAT can be accessed seven days a week the following (EST) hours:

7:00 a.m. - midnight Monday

6:00 a.m. - midnight	Tuesday - Friday
8:30 a.m. - 10:00 p.m	Saturday
9:30 a.m. - midnight	Sunday

Dial (412) 624-6365 for details on system availability.

Instructions:

To connect to PITTCAT through the Internet, telnet to the following Internet address:

gate.cis.pitt.edu

A menu of network services offered by the University of Pittsburgh will appear. At the "Service:" prompt, type PITTCAT and press <RETURN>.

You will receive a "Select:" prompt, asking you to indicate the type of terminal you are using (or emulating). Type the appropriate response at the "Select:" prompt and press <RETURN>. The PITTCAT Introductory screen will appear.

To exit from PITTCAT, hold down the <CTRL> key and press the backslash "\". Your session will be disconnected. Exit from telnet using locally established procedures.

Assistance:

If you are having problems accessing PITTCAT through the Internet, consult your local Network Administrator.

FOR INFORMATION AND ASSISTANCE, CONTACT:

Jo-Ann Michalak
Assistant Director for Automated Services
271 Hillman Services
University of Pittsburgh
Pittsburgh, CA 15260
(412) 648-7710
BITNET: jam2@pittvms
Internet: jam2@vms.cis.pitt.edu

PENNSYLVANIA: MISCELLANEOUS ONLINE RESOURCES

This section is arranged as follows:

Provider/Service
Description
Availability
Requirements
Assistance

Provider: CMU
Service: LIS
Availability: now
IP-address: cmulibrary.andrew.cmu.edu
Requirements:VT100, etc.
Assistance: (412) 268-2442

VT100 emulation is supported and logoff instructions are provided. LIS is a library catalog information retrieval system which indexes all words in the entries. Several databases are available: the CMU library catalog and journal list, a set of bibliographies on a variety of topics compiled by CMU librarians, and in index to architectural pictures found in a number of standard reference books.

Provider: Penn State
Service: LIAS
Availability: now
IP-address: lias.psu.edu
Requirements: vt100
Assistance: (814) 865-0672

VT100 emulation is supported. Volunteer surveyors reported that logoff was difficult or impossible.

LIAS is the on-line catalog of the Penn State libraries. The catalog contains approximately 1.5 million titles, representing not only the holdings at the main campus at University Park, but also the holdings of the 20 Commonwealth campus libraries. Besides monographic and serial records, LIAS also provides bibliographic access to parts of the government documents collection; the maps collection; archives and manuscript collections; and machine-readable datafiles available on campus.

Telnet, preferably using VT100 emulation, to LIAS.PSU.EDU (128.118.25.13). No action is necessary until after the following message appears:

SELECTION?

The user should hit a carriage return and will then be greeted with the following prompt:

WE ARE PSU >>>

Hit carriage return twice at this point. Now, you can begin searching the LIAS database. LIAS does not differentiate between author, title, series or subjects in its command structure. Simply enter the words you wish to search.

The user can type HELP for more information on using LIAS. For general reference material, type HELP COMMANDS. There is an extensive HELP structure that can answer questions about the system.

There is no logoff command. Users should manually close their telnet connections with their local software.

Contact person for use of the system:
Sally Kalin
LIAS Coordinator
E-6 Pattee Library
University Park, PA 16802
E-mail: SWK@PSULIAS
Telephone: (814) 865-0672

Provider: Penn State
Service: PENpages
Availability: now
IP-address: psupen.psu.edu
Requirements: vt100 User: pprepnet
Assistance: (717) 787-6120 (PSDC)

VT100 emulation is supported and logoff instructions are provided. PENpages is a database of agricultural and Extension related information ranging from daily, weekly, and monthly agricultural news and alerts to permanent reference material. It is maintained by the faculty and staff of the College of Agriculture and offered as a public service by the Cooperative Extension of Penn State.

Provider: Penn State
Service: EBB
Availability: now
IP-address: psuvm.psu.edu
Requirements: tn3270 If emulate VT100-use address: cac3270.psu.edu
Assistance: (814) 863-2494

TN3270 emulation is required for psuvm.psu.edu VT100 emulation is supported for cac3270.psu.edu Logoff instructions are provided.

EBB is a database of information relating to Penn State, including academic programs, academic calendars, and phone directories.

Provider: Penn State
Service: EDIN
Availability: now
IP-address: psuvm.psu.edu
IP-address: cac3270.psu.edu
Requirements: tn3270

Assistance: (717) 78-6120 (PSDC)

TN3270 emulation is required. The Pennsylvania State Data Center maintains this database of population and economic statistical data, which includes, among other things, the Commerce Business Daily. EDIN is accessible through the EBB service of Penn State.

Provider: Lehigh U.
Service: ASA
Availability: now
IP-address: asa.lib.lehigh.edu
Requirements: VT100
Assistance: (215) 758-4998
jpl3@lehigh ujluci@vax1.cc.lehigh.edu

VT100 emulation is supported but not required. TN3270 emulation is possible. Logoff instructions are provided. Lehigh's (GEAC-based) library catalog is now accessible through PREPnet.

Provider: U. of Pennsylvania
Service: PENNLIN
Availability: now
IP-address: pennlib.upenn.edu
Requirements: VT100
Assistance: (215) 898-7555
pennlibr@upenn

VT100 emulation is supported and volunteer surveyors found logoff difficult. PENNLIN is Penn's NOTIS-based on-line library catalog system.

Provider: U. of Pennsylvania
Service: MEDINFO
Availability: now
IP-address: med.upenn.edu
Requirements: VT100 User: penn_med
Assistance: (215) 898-9755

VT100 emulation is supported and logoff instructions are provided. UPenn's medical school provides access to a version of its MEDINFO bulletin board via PREPnet.

Provider: U. of Pittsburgh
Service: NIH Guide
Availability: now
IP-address: nic.cis.pitt.edu
Requirements: VT100
Assistance: (412) 624-7417

Volunteer surveyors reported the instructions not sufficient to log onto this service. The NIH (National Institutes of Health) Guide contains information on scientific initiatives and administration regarding extramural programs. The guide is being provided to Pitt on-line as a pilot project. Files are available by anonymous FTP in the "nihguide" subdirectory. The guide is published weekly, and information from the last 4 weeks will be online.

RHODE ISLAND

BROWN UNIVERSITY
BROWNVM.BROWN.EDU

Address:
Brown University
Providence, Rhode Island 02906

OPAC: Western Library Network (WLN) software Running under MVS/XA and Com-Plete.
TN3270 emulation is required and logoff instructions are provided.

Logon Instructions:
1. **telnet BROWNVM.BROWN.EDU**
2. At the BROWN logon screen: TAB to "COMMAND" and type **DIAL JOSIAH <cr>** or: **type DIAL JOSIAH <cr>** on the VM logon screen
3. The passthru menu should display. TAB to any of the Josiah choices on the screen and <cr>
4. Follow the instructions on the screens which follow

Searching Josiah:

The Josiah Search Menu supports searches by author, title, subject, and author/title combinations. Help is available at any point by pressing the PF1 key. PF key alternatives are also supported by typing PF1 (or PF3, PF5, etc.) after any ">>" prompt.

The direct command language is a modified form of the language developed by the Western Library Network (WLN). Use of this Josiah option requires familiarity with the WLN command language. The direct command supports bibliographic file searches by author, title, subject, series, isbn/issn, and year of publication; authority file searches by author, subject, and series; and call number browse. Boolean and keyword are also available.

The menu searches are programmed to execute the command language behind the scenes. Each menu search uses the text typed on the menu screen as the search key for a direct command. In addition, each menu search is programmed to try alternate search strategies in order to locate bibliographic records.

Logging off:
1. Press the PF10 key to display the Josiah logoff option and choose the option from the menu
2. Press the PF3 key
3. At the passthru menu, press the PA1 key
4. Type QUIT <cr>

FOR MORE INFORMATION, CONTACT:
Howard Pasternack
BITNET: BLIPS15@BROWNVM
Internet: BLIPS15@BROWNVM.BROWN.EDU
Phonenet: (401) 863-3346

SOUTH CAROLINA

CLEMSON UNIVERSITY
CLEMSON.CLEMSON.EDU

Instructions:
1. **telnet clemson.clemson.edu**

Response from Clemson will be a VTAM menu screen. Select item B for the OPAC and press enter. No logon required. Follow instructions on the screen. To terminate connection: enter QUIT. OPAC is called "LUIS" and is the public access to NOTIS. All materials in the Clemson Libraries are included in this catalog except government documents, which will be loaded soon.

Select item F from the vtam screen will bring up DORIS. This is Clemson's version of BRS Search. Access is provided without a user id to several locally generated files including the campus directory. From the initial DORIS entry

screen, press enter for access to these files. To terminate access: type q enter.

FOR ADITIONAL INFORMATION, CONTACT:
Richard W. Meyer
Associate Director of Libraries
Clemson University
Clemson, SC 29634-3001
FAX: 803-656-3025
Bitnet: RWMEYER@CLEMSON
Internet: RWMEYER@CLEMSON.CLEMSON.EDU
Phone: 803-656-3026

TENNESSEE

UNIVERSITY OF TENNESSEE, KNOXVILLE
DCA.UTK.EDU

To connect:
1. **telnet dca.utk.edu**
2. Enter **LIBRARY** at the "Enter Host Name or Help" prompt. The system provides on-screen menus and command instructions.

To Log off:
1. Type END

The UTK OPAC runs on a Geac 9000 system and contains nearly 900,000 titles, representing 95% of the Library's holdings.

FOR MORE INFORMATION, CONTACT:
William A. Britten
Automation Librarian
647 Hodges Library Knoxville, TN 37996-1000
615-974-1082
britten@utklib.lib.utk.edu
or/ britten@utkvx.bitnet

UNIVERSITY OF TENNESSEE, MEMPHIS HEALTH SCIENCE LIBRARY
132.192.1.1

Address:
877 Madison Ave.
Memphis, TN 38163
(901) 528-5634

Contact Person:
Lois Bellamy (LBELLAMY@UTMEM1.BITNET)

HARVEY LIS: UT Memphis Library Online Catalog
SOFTWARE: LIS (Georgetown University)
TERMINAL TYPE: VT100

Instructions:
Use telnet to connect to Library computer. At the Username prompt, type HARVEY and press return. It will take a few seconds for the library system's menu to appear on the screen. The system is menu-driven and should be self-explanatory. (The database, miniMEDLINE, is only available to the UT Memphis community.) Press Control-P and then press Escape to end long displays. To log off, just press return at the main library menu. Below is an example of logging

onto HARVEY:
****
telnet 132.192.1.1 Trying... Open Connected to 132.192.1.1. Escape character is '^]'.

The University of Tennessee, Memphis - The Health Science Center

Username: HARVEY

UT MEMPHIS VAX/VMS Cluster
==========

Last interactive login on Thursday, 4-OCT-1990 16:10

Please wait - library information being loaded...

UT MEMPHIS HEALTH SCIENCE LIBRARY

PRESS A NUMBER to select the Catalog Section you wish to search

BOOKS, SERIES, AND AUDIOVISUALS
1 - KEYWORDS (combination of author, title, subject or year)
2 - AUTHORS
3 - TITLES
4 - SUBJECTS

JOURNALS
5 - JOURNAL TITLES OR ABBREVIATIONS

SPECIAL FILES
6 - MEDICAL SUBJECT HEADINGS

ARTICLES
7 - miniMEDLINE SYSTEM

Hint: Try KEYWORDS (number 1) first ('?' for HELP)

VANDERBILT UNIVERSITY

CTRVAX.VANDERBILT.EDU

Access is available to Acorn, the public access NOTIS catalog, but is restricted to the Multiple Database files (MEDLINE, Wilson and CRL).

Acorn requires VT100 emulation.

Instructions:
1. telnet CTRVAX.VANDERBILT.EDU

At the Username prompt, enter ACORN and press return. Type the letter "y" and press return after the "Are you ready to proceed prompt?" Press return again when you see "SysAv1 Appl" at the bottom of the screen. Proceed with the search and when finished, from any screen, press CTRL and the letter "Z".

Contact:

Ramona J. Steffey
Automation Project Librarian
Phone (615) 322-7125
BITNET: STEFFERJ@VUCTRVAX
Internet: STEFFERJ@CTRVAX.VANDERBILT.EDU

TEXAS

TEXAS A&M LIBRARY SYSTEM

VENUS.TAMU.EDU

Accessing the Texas A&M Library System:

VT100 emulation is possible but not explicitly present. Logoff instructions are provided.

NOTIS at Texas A&M contains materials held by the Sterling C. Evans Library. NOTIS does not contain information about Government Documents or the holdings of the Medical Sciences Library. The following steps are used to access the Texas A&M Library:

1. Type **SET HOST VENUS** from a THENET node or **telnet VENUS.TAMU.EDU** from any machine connected to the Internet.
2. At the Username: prompt, type **VTAM**
3. At the Texas A&M Statewide Network screen, type **NOTIS**
4. At the CICS screen, hit **<RETURN>**

At this point, you are in NOTIS and can enter any command.

Title searches: To search for a particular title, use the t= search command followed by the title.

Example: t=foundation

Author searches: To search for a particular author, use the a= search command followed by the author's name.

Example: a=asimov

Subject searches: To search for a particular subject, use the s= search command followed by the subject.

Example: s=tennis

Keyword searches: To search for a particular keyword, use the k= search command followed by a string.

Example: k=cry wolf

You may use the logical operator (AND, OR, NOT) and parenthesis to group the operators. Also, $ can be used as a wildcard character.

Examples:
k=car and fast
k=computer and not ibm
k=comp$ and (toy or game)

Help: On most NOTIS screens, help can be seen by the h command.

Picking an item: On screens where a list of items appears, a particular item can be selected by typing the number to the right of item.

Exiting:

1. Just hit **CTRL-Z**

Other Commands:

On a few screen, other commands exist. These commands are listed on the bottom of the screen along with a short description.

UT ARLINGTON LIBRARY SYSTEM

ADMIN.ARL.UTEXAS.EDU

Accessing the UT Arlington Library System

VT100 emulation is supported and logoff instructions are provided.

LUIS (Library User Information Service) at the University of Texas at Arlington contains materials held by the UT Arlington Library. To access LUIS, perform the following steps:

1. Type **telnet ADMIN.ARL.UTEXAS.EDU** from any machine connected to the Internet
2. As soon as you are connected, hit **<RETURN>**
3. At the TERMINAL TYPE prompt, type **VT100**
4. At the VTAM selection menu, type **NOTIS**
5. At the CICS Logo Screen, press **<RETURN>**
6. On the next screen, type **LUUT**

At this point, you are in LUIS and can enter any command.

Title searches: To search for a particular title, use the t= search command followed by the title.

Example: t=foundation

Author searches: To search for a particular author, use the a= search command followed by the author's name.

Example: a=asimov

Subject searches: To search for a particular subject, use the s= search command followed by the subject.

Example: s=tennis

Keyword searches: To search for a particular keyword, use the k= search command followed by a string.

Example: k=cry wolf

You may use the logical operator (AND, OR, NOT) and parenthesis to group the operators. Also, $ is a wildcard character.

Examples:
k=car and fast
k=computer and not ibm
k=comp$ and (toy or game)

Help: On most screens, help can be seen by the h command.

Picking an item: On screens where a list of items appears, a particular item can be selected by typing the number to the right of item.

Exiting:
1. Hit Keypad ENTER followed by PF4.
2. Type LOGOFF.
3. Type LOGOFF again.

Other Commands

On a few screens, other commands exist. These commands are listed on the bottom of the screen along with a short description.

Please note that some terminal packages remap the keyboard. For example, in Procomm Keypad ENTER is SHIFT-F10 and PF4 is SHIFT-F2. Keypad ENTER is equivalent to ESC O M. PF4 is equivalent to ESC O S.

UT AUSTIN LIBRARY SYSTEM UTCAT

UTAUS.CC.UTEXAS.EDU

Accessing the UT Austin Library System UTCAT

VT100 emulation is supported and logoff instructions are provided.

The Online Catalog (UTCAT) for the University of Texas at Austin contains records for approximately 3.5 million items. This Online Catalog contains:

1. Most items found in the Perry-Castaneda Library (PCL)
2. Items in the Undergraduate library
3. Items in the Branch libraries
4. Items in the Asian Collection
5. Items in the Benson Latin American Collection
6. Some government documents, maps, sound recordings
7. Some microfilm/microfiche sets
8. Rare books and manuscripts
9. Some items found in the Barker Texas History Center
10. Some items in the Humanities Research Center
11. Some items in the Middle East Collection
12. Some items in the South Asian Collection

UTCAT does not contain:

1. Individual periodical articles
2. Items in the Tarlton Law Library

UTCAT is normally available:

Sunday - Friday	6 a.m. - 2 a.m.
Saturday	6 a.m. - Midnight

To access UTCAT from NT, just follow these steps:

1. Type **SET HOST UTAUS** from any THENET node, or **telnet UTAUS.CC.UTEXAS.EDU** from any host on the Internet
2. At the Username: prompt, enter **UTCAT**
3. Press **1** and the Keypad **<ENTER>** key at the UT Library Information Systems screen
4. At the Welcome to the UT Library Online Catalog screen, press the Keypad **<ENTER>** key

Now you should be at the UT Library Online Catalog — Search Choices Menu. From this menu, you may type 1 or 2 letter search commands and the word(s) you want to search for. After your search command is typed in, hit the keypad ENTER key.

AUTHOR searches: To search for a particular author, you use the A (Author) search command followed by the author's name.

Example: a mowat, farley

To see the index of authors, you use the AI (Author Index) search command followed by the first author you wish to see.

Example: ai mowat, farley

TITLE searches: To search for a particular title, you use the T (Title) search command fol lowed by the title of the book.

Example: t never cry wolf

To see the index of titles, you can use the TI (Title Index) search command followed by the first title you wish to see.

Example: ti never cry wol f

To search for certain keywords in a title, you can use the TK (Title Keyword) search command.

Example: tk wolf cry

SUBJECT searches: To search by subject, you can use the S (Subject) search command.

Example: s wolves

Also, from the Search Choices Menu, you can type 3 letter commands followed by Keypad Enter or their equivalent PF keys.

BACk (PF1)	To page back and review up to 10 screens of results.
REPeat (PF2)	To repeat the last search typed in.
INDex (PF3)	To move from brief or full records to the corresponding index.
EXPlain (PF4)	To view general information about the Online Catalog.
NEWs (PF5)	To view current information about Online Catalog developments.
HELp (PF6)	To see context sensitive help.
MENu (PF7)	To move from anywhere back to the Search Choices Menu.
STOp (PF8)	To exit from the Online Catalog.

Finally, if a list of items is on the screen, you can type the number of the item you wish to see.

Exiting:
1. Type **STOP** followed by Keypad **<ENTER>**
2. Type **4** followed by Keypad **<ENTER>**
Please note that some terminal packages remap the keypad <ENTER> key to other keys. For example, in Procomm the equivalent to Keypad <ENTER> is Shift-F10. Keypad <ENTER> is equivalent to ESC O M.

UNIVERSITY OF TEXAS AT DALLAS
IBM.UTDALLAS.EDU

Instructions:

TN3270 VM.UTDALLAS.EDU	<— to connect to UTD (use telnet VM.UTDALLAS.EDU from IBM host running TCP/IP under VM)
LIBRARY	<—-type on COMMAND line of Logon screen
<ENTER >	<—-to receive NOTIS Opening screen

UTAH

UNIVERSITY OF UTAH MARRIOTT LIBRARY
LIB.UTAH.EDU

Accesst:
1. **telnet Utahlib** or to **Lib.Utah.Edu** using TN3270 emulation. You will be greeted by a VM logon screen.
2. Type **<ENTER>** to move to the next screen.
3. Type **D UNIS**, followed by **<ENTER>**.
4. Type **<ENTER>** to get the catalog screen.

Perform your searches as with any NOTIS system.

To disconnect, break your telnet connection in your usual way with an interrupt key, typically PF3, PF4, PA1, Ctl-C, Ctl-Z, etc. Any interval longer than two minutes with no keystrokes will also end the session.

FOR MORE INFORMATION, CONTACT:
Kenneth Luker
Assistant Director Systems and Technical Services
Marriott Library

University of Utah Provo, UT 84112
(801) 581-7994
KLUKER@LIB.UTAH.EDU

VIRGINIA

THE OLD DOMINION UNIVERSITY LIBRARY

GEAC.LIB.ODU.EDU

The Old Dominion University Library holds over 1.6 million items in a variety of formats - microform, recordings, newspaper, periodical and book. The library is a selective depository of U. S. government publications and documents of the State of Virginia.

Access Instructions:
1. **telnet geac.lib.odu.edu** and press **<Enter>**.

After a short wait, you should see several messages, among them the following: telnet escape character is Control -] This means that the connection has been established. Make a note of which character serves as your escape character. It differs from system to system. The escape character is useful for getting out of problem situations. Press <Enter> ONCE to get GEAC's attention. The GEAC catalogue then comes online. At the end of the session, type END or QUIT, or for CMS users type F4. While online, type HELP for help. Good luck!

FOR MORE INFORMATION, CONTACT:
Albert C. Liu
Assistant Librarian
Technical and Automation Services
Old Dominion University
Norfolk, VA 23529
(804) 683-4141
BITNET: HSW100U@ODUVM

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

128.173.5.4

Virginia Polytechnic Institute and State University runs VTLS. The VTLS system is connected to the outside world through the campus IBM ROLM CBX.

Telephone access to the CBX is provided through an inbound modem pool at phone number (703) 231-4000. Speeds up to 2400 baud are accepted. There is no charge at this time for dialing into the CBX.

The CBX can be accessed via the Internet using: telnet 128.173.5.4 Volunteer surveyors were unable to connect to this system. After connecting to the CBX and getting the informative prompt, issue the command CALL VTLS to connect to the VTLS system running on the Library's HP3000 Series 950 computer.

VIRGINIA COMMONWEALTH UNIVERSITY LIBRARY SYSTEM

VCUVM1.VCU.EDU

Address:
Virginia Commonwealth University Library System
Richmond, VA 23284-2033

Contact:
Janet Woody
(804/367-0032).
BITNET: jwoody@vcuvax

Accessing the Virginia Commonwealth University Library System:
Type: telnet vcuvm1.vcu.edu
Response: "Trying ..." At the "VM" screen (which requests USERID, PASSWORD, and COMMAND), the cursor should be at the USERID ===> prompt.

Type: <ENTER>
Response: IF your host computer supports full 3270 emulation, the VCU computer will respond "Enter one of the following commands" and will list four commands (LOGON, DIAL, MSG, and LOGOFF). [If DIAL is NOT one of the options provided, see the footnote below.]

Type: DIAL VTAM. Press <ENTER>.
Response: "VM/IS VTAM" [the "VTAM Screen"] is displayed in the upper left corner, and the screen displays a menu.

Type: the letter L (for VCU library catalog). Then press <ENTER>.
Response: Displays the message "Press Enter for access to the VCU library catalog ..."

Type: <ENTER>
Response: Provides on-screen instructions to use the catalog.

To End the Session:

Type: CTRL and Z (1-3 times).
Response: Screen is blank.

Type: LOGOFF.
Response: Return to the VTAM screen.

Type: UNDIAL at the VTAM screen prompt SELECT SYSTEM ===>. Press <ENTER>
Response: "Connection closed by Foreign Host"

FOOTNOTE ON 3270 EMULATION:

1. IF your host computer does NOT support full 3270 emulation, the VCU computer will respond "Enter one of the following commands" and will list only TWO commands: MSG and LOGOFF. In this case, type LOGOFF. Start over by substituting the command "tn3270", instead of "telnet", i.e., type:

    TN3250 VCUVM1.VCU.EDU OR TN3250 128.172.001.066

If TN3270 is supported by your host, you will get the four choices, including DIAL. Type DIAL VTAM. Follow the instructions above continuing from the section: "Type the Letter L (for VCU Library Catalog)"

2. If both the "telnet" and "tn3270" commands do not work properly, it will not be possible at this time for you to use Internet to connect to the VCU library catalog.

WISCONSIN

MARQUETTE UNIVERSITY LIBRARIES

LIBUS.CSD.MU.EDU

MARQCAT is the union catalog of Marquette University Libraries - Memorial (social sciences and humanities), Science, and Law. It uses the INNOPAC software from Innovative Interfaces mounted on a DEC VAX 6310.

After you have connected to MARQCAT, press <RETURN> <RETURN> for the login prompt, type "M" and press <RETURN> to see a list of valid terminal types. Specify your terminal type, confirm your terminal choice, and begin searching. A "QUIT" option is provided on the menu for logoff.

NOTE: At this time you must be on a VT100 or TVI925 terminal or emulator to be able to access MARQCAT.

The MARQCAT database currently contains almost 500,000 bibliographic records, representing approximately 97% of the libraries' total holdings. Excluded as of this date are MU theses and dissertations submitted prior to 1981, and microform sets acquired prior to 1981.

FOR MORE INFORMATION, CONTACT:

Virginia M. Scheschy
Assistant Director for Technical Services
Marquette University Libraries
Bitnet: 9470SCHE@MUCSD
Internet: 9407SCHESCHY@VMSF.CSD.MU.EDU
Telephone: (414) 288-7254

UNIVERSITY OF WISCONSIN LIBRARY CATALOGS
MADISON AND MILWAUKEE CAMPUSES NETWORK LIBRARY SYSTEM (NLS)

NLS.ADP.WISC.EDU

The Network Library System (NLS) is the online public catalog of the libraries at the University of Wisconsin-Madison and the University of Wisconsin-Milwaukee. NLS supports separate online catalogs for each campus.

The UW-Madison online catalog contains more than 1.7 million titles cataloged since 1976, located in 25 libraries on the campus and at the Center for Research Libraries in Chicago. This represents roughly 50% of the collections. The UW-Milwaukee catalog contains approximately 900,000 titles and represents 85% of the general collection.

Network Access:

If available on your system, please use tn3270 (telnet supporting 3270 emulation) to access blue.adp.wisc.edu When connected you are presented a menu from which you select NLS1, the library catalog. (If you don't know how your function keys are mapped, TAB to the option you want and press ENTER.)

Telnet access is also available via a gateway machine providing the necessary 3270 emulation. From your local host use telnet to access nls.adp.wisc.edu . You will be prompted to enter a terminal type. VT100 is the default, or you can enter the command list to display a list of supported terminal types. Upon entering a valid terminal type, select NLS1 from the menu displayed to connect to the library catalog.

Upon entering NLS, a screen is displayed at which you either press ENTER to search the Madison catalog or type Mil and press ENTER to search the Milwaukee catalog.

To exit, enter the command exit on any screen to return to the Main Menu. Here you select the option to quit. This returns control to your local host.

Who Can Use The Catalog:

The University of Wisconsin library catalogs for the Madison and Milwaukee campuses are currently available to all interested parties.

Miscellaneous Information:

Xterm users or other windowing software users must set their window size to 80 characters x 25 lines.

For help using NLS or to obtain a free NLS Computer Catalog User's Guide, contact the Memorial Library Information Desk at (608) 262-3193, or Dennis Hill via the Internet: dhill@vms.macc.wisc.edu.

More detailed information on accessing NLS via the Internet is documented in: "TCP/IP Network Access to the NLS Catalog Via Tn3270 and telnet". For a copy of this document, or any other information, contact the Automation Help Desk at (608) 262-8880, or via the Internet at: glshelp@vms.macc.wisc.edu.

Note on keyboard mappings:

Because keyboard mappings are defined by the tn3270 software on the client's host computer, we are not able to tell you definitively how your keyboard will be mapped. The following chart shows a selection of the tn3270 keyboard mapping used on many UW Madison VAX computers. These definitions are also used when accessing NLS via telnet as they are provided by the 3270 software on the gateway machine.

Key Purpose:	**Keyboard Definition:**
Send (called the BLUE key in NLS)	ENTER or RETURN
Erase-to-end-of-field (called the YELLOW key in NLS)	Ctrl-e
Delete character	Ctrl-d
Escape key	PF11 (default mapping)
Insert/Overstrike toggle	Escape space

Function keys PF1 - PF9	Escape 1 - Escape 9
Function key PF10	Escape 0
Function key PF11	Escape -
Function key PF12	Escape =

Contact:

Automation Help Desk
212F Memorial Library
University of Wisconsin
728 State Street Madison, WI 53706
E-mail: glshelp@vms.macc.wisc.edu
Phone: (608) 262-8880

SECTION 2: CATALOGS & DATABASES ACCESSIBLE FOR A CHARGE

CALIFORNIA

RESEARCH LIBRARIES INFORMATION NETWORK

RLG.STANFORD.EDU

RLIN features: on-line union catalog complementary databases flexible searching integrated acquisitions, cataloging and ILL system on-line authority files description and management of archival materials support of non-Roman scripts database generated products electronic mail and bulletin board.

Internet access: $119 for 10 hours connect time.

Contact: RLIN Information Service Electronic mail to bl.ric@rlg

SECTION 3: INTERNATIONAL CATALOGS

AUSTRALIA

AUSTRALIAN NATIONAL UNIVERSITY'S LIBRARY

FACTS11.ANU.OZ.AU

The Australian National University's Library catalogue is called URUCA.

Instructions:
1. **telnet FACTS11.ANU.OZ.AU**

URICA requires VT100 emulation. When access to the network has been obtained, the following will normally appear on your screen:

CONNECT ANU CSC MICOM Classes are: ANUB COOMBS CSC0 CSC1 CSCUNIX FAC0 FAC1 FAC2 FACUNIX URICA ENTER CLASS

2. Type in **URICA** in response to this prompt.

A URICA screen will appear. All URICA enquiries are menu driven.
The URICA software is always logged on except from 5 p.m. on Fridays to 1p.m. AEST on Saturdays when the system closes for maintenance.

Useful keys to know when searching URICA:
* To get a help screen, press the backslash key '\'
* To terminate a URICA search (but not to exit from the network), press the full stop key.
* Enter '#4' to go back to the main menu.
* To disconnect send a break.

The network will automatically disconnect a terminal which has not been used for 15 minutes.

If you need assistance contact:
Tony Barry
Tony_Barry@library.anu.oz.au or TXB750@csc1.anu.oz.auILANET MLN 207550
Voice: (06) 2494632
Fax: (06) 2490734
Telex: 10717252

DEAKIN UNIVERSITY LIBRARY

LIBRARY.DEAKIN.OZ.AU (128.184.1.1)

Details follow for Deakin University Library, Victoria,
Australia Region: VICTORIA (AUSTRALIA)

Chief Librarian: Margaret Cameron (mac@deakin.oz.au) Systems Librarian: Tony Mays (tonym@deakin.oz.au)

Library System: ALICE

ALICE - the Deakin University Library OPAC

Internet access to Deakin University Library (ALICE)
Access to the Deakin University Library's online library system can be gained from any terminal which is connected to the INTERNET network.
The Library's online system contains records for all items held in the Library, as well as items which are on-order. In addition, the on-line system also contains similar information on the holdings at the Gordon Technical College (GTC) Library.
Instructions on the use of ALICE is given in the booklet "Guide to the Public Inquiry Terminals" available from the Library's Information Desk. Ph: +61 52 471351.

NB Access can also be obtained by direct dial-in or by using X.25, details of which are available separately.

To gain access:
0 Terminal setup: no specific terminal settings required. Terminals already connected to AARNet should not be altered.
1. **telnet library.deakin.oz.au**

You may need to have already established a session on a computer at your institution, which is connected to AARNet. Alternatively, you may be able to establish a connection directly from your terminal server. Consult your local Computing Centre for further advice.

2. If the connection is successful, you will receive something similar to:-

SunOS UNIX (sol.deakin.OZ.AU.)

login:

3. Type: **alice** Press: **<RETURN>**

4. The system will then indicate when ALICE was last used, display any "messages of the day", and then try to determine the type of terminal being used. If it cannot be determined automatically, the system will prompt you for the device type.

TERM = (unknown)

Type: <the code corresponding to your terminal type>. Some terminal types are:- tatung Tatung VT-4100 vt100 DEC VT-100 vt52 VT-52 v3 TV1-910,920 6310 hazeltine 6310 (other codes on request from the Assistant Systems Librarian - craige@deakin.oz.au)

Press: **<RETURN>**

(If you don't know the terminal type, simply press <RETURN> and the system will attempt to provide a reasonable format).

5. The system will try to establish a connection to the Library's computer. If the connection fails the system will respond with 'Remote is busy'. The system will then break the connection with your terminal, and you will need to restart from Step 1 to establish a new connection.
If the connection is established, the system will respond with:-

a) clearing the screen
b) give instructions for starting and finishing an ALICE session i.e.

6. Type '**Q**' to start, **<CR>**~.**<CR>** to end.

You can now start ALICE, and any subsequent commands will need to be ALICE commands. Usually, the appropriate ALICE commands are displayed at the bottom of the screen, but a user should consult the above- mentioned Guide before any serious use of the system.

To leave ALICE:
1. At any stage of a search within ALICE, you may leave it.

Press: [RETURN]
Type: ~. (i.e. tilde, dot) Press: [RETURN]

2. The system will immediately break the connection to the Library's computer, and then break the connection between your terminal and the system.

PROBLEMS IN USING THE SYSTEM SHOULD BE ADDRESSED TO:
CRAIGE HICKS
DEAKIN UNIVERSITY LIBRARY
DEAKIN UNIVERSITY
VIC 3217
+61 52 471345AARNet: craige@deakin.OZ.AU

NB: Expert users can also gain access to ALICE, by using the *nix command (or equivalent):
rlogin library.deakin.oz.au. l alice.

CANADA

UNIVERSITY OF CALGARY

136.159.1.70

The system is DOBIS/NOMADS running on an IBM 3081 and prefers 3270 type terminals, which are installed in the library itself. Other terminal types are accommodated, however. Out of library access is provided over the terminal communications network called Develnet. You can reach Develnet at the Internet address develnet.ucalgary.ca (136.159.1.70). A transcript of a TELNET session to the library catalogues follows.

% telnet 136.159.1.70
Connecting... session 1 — connected to 136.159.001.070
U of C Develnet

Request: library
Connected

WELCOME TO LIBRARIES ONLINE CATALOGUE TO CONTINUE, PRESS THE ENTER KEY

BRAND LIST FOR GLASS CRT
0. PCI 78
1. DASHER D200
2. HONEYWELL (VIP7800)
3. VT52
4. ADDS VIEWPOINT
5. HAZELTINE 1420,1500,1510
6. IBM 3101
7. HONEYWELL (VIP7400)
8. ADM 36I
9. TELEVIDEO 950
0A. ADDS (REGENT)
0B. HP 2645A (2642)
0C. VT100
0D. LSI ADM3A
0E. LSI ADM5
0F. FREEDOM 100
10. ADDS CONSUL 520
11. TEKTRONIX
12. HP2621 A/P
13. PERKIN ELMER
14. ADDS VIEWPOINT/78

SELECT BRAND: 7

*** INTRODUCTION TO THE LIBRARY ***

WELCOME TO THE UNIVERSITY OF CALGARY LIBRARIES ONLINE CATALOGUE. TO PROCEED, SELECT ONE OF THE NUMBERS BELOW AND PRESS ENTER: **NOTE: MOST OF THE SERIALS INFORMATION HAS BEEN MOVED INTO DOBIS. THE SERIALS LIST (#3) IS NO LONGER BEING UPDATED WITH CURRENT INFO ABOUT VOLUMES AND ISSUES. PLEASE CHECK DOBIS FOR MOST CURRENT INFORMATION. (GOVERNMENTAL SERIALS WILL BE FOUND IN NOMADS.)

1 DOBIS
2 NOMADS (GOVERNMENT PUBLICATIONS)
3 SERIALS LIST (SOME JOURNALS, MAGAZINES, NEWSPAPERS)

4 COMMUNICATIONS MEDIA FILM CATALOGUE
5 INFORMATION ABOUT THE CATALOGUES
6 INFORMATION ABOUT THE LIBRARIES
7 SEND/READ A MESSAGE TO THE LIBRARY

CODE:

telnet>quit

FOR MORE INFORMATION, CONTACT:
Mike Morrow
Morrow@UNCAMULT.BITNET
(403) 220-4466

THE UNIVERSITY OF NEW BRUNSWICK

131.202.1.2

The University of New Brunswick is pleased to announce that our online catalogue, known as PHOENIX, is now available over the Internet. We believe that we are the first Canadian library to make this capability available to off-campus users.

To access PHOENIX, TN3270 to unbmvs1.csd.unb.ca (131.202.1.2). When the logon screen appears, TAB down to the "Application" field and enter "netlib" (without quotation marks) followed by a carriage return. The first PHOENIX screen will appear.

To disconnect, use your TN3270 software to drop the connection. Or, from the PHOENIX command line, type Stop<cr>. A screen will appear giving further directions. Note: you should know what key is mapped to the CLEAR function. This will be different for each software package but Ctrl-Home may work.

Access is restricted to three simultaneous users from the Internet.

You will be logged out automatically after five minutes of inactivity or if your session exceeds thirty minutes.

PHOENIX was a joint project by the library and UNB's Computing Services Department. It was developed in the period 1979-1980.

PHOENIX searches can be done using either the Menu or Command modes. Initially, the user is placed in the Command Mode but can switch to Menu by typing Menu<cr>. Returning to Command Mode is accomplished by pressing the Pf3 key.

Searching in Command is accomplished with the "s" command. Set results are shown through the use of the display command. The format is d set# format range. Typing d5l 1-5 would display records 1-5 of set number 5 in the long format. Formats available are (s)hort, (m)edium, (l)ong, (t)itle and x for MARC.

Browsing of indexes is also possible in Command mode.

For more information use the online help facility or the online lessons. E-mail enquiries may also be sent to SLOAN@UNB.CA.

PHOENIX consists of a number of databases. Most are full MARC format. The major exception to this is ENLIST. This database is maintained by the Engineering Library. Brief records are provided for all Engineering Library books, theses, pamphlets, microforms and some journal articles. In addition, some faculty members and special libraries within Fredericton maintain their collections using ENLIST. Browsing is not supported in ENLIST.

The University of New Brunswick is one of Canada's oldest institutions of higher learning, with roots dating back to 1785. It offers degrees in administration, arts, computer science, education, engineering, forestry, law, nursing, physical education and science. The Harriet Irving Library and the branches at Engineering, Education and Science and Forestry have a number of strengths which may be of interest to Internet users. We have a particularly strong collection in Canadian Maritime Provincial history, including Loyalist history. (Not all Loyalist materials are in PHOENIX. Send enquiries to HILDER@UNB.CA) UNB is also a Canadian and New Brunswick government documents repository. GovDocs enquiries may be sent to LS09@UNB.CA.

The University also has a growing and vibrant campus in Saint John. Their library is called the Ward Chipman Library and its catalogue is searchable from PHOENIX by typing BEGIN WCL. Science Fiction fans may be interested in viewing their strong collection of this type of material.

QUEEN'S UNIVERSITY LIBRARIES KINGSTON, ONTARIO, CANADA

130.15.125.20

Catalogue contains 1,128,000 titles, 1,700,000 items. We are a NOTIS site. We have Law, Health Sciences, Documents, and Education libraries included.

To access QLINE through Internet, Onet, or any TCP/IP connection, a TN3270 connection is required (we only support TN3270 Protocol).

Simply telnet QUCDNADM.QUEENSU.CA (130.15.125.20). This will take you directly into the main QLINE menu.

Other Canadian Libraries that we access the Internet are: York University Libraries (Toronto) NOTIS 130.63.1.10 University of Toronto (Toronto) UTLAS 128.100.75.50 McGill University (Montreal) NOTIS MVS.MCGILL.CA University of Western Ontario (London) Geac 129.100.2.14

UNIVERSITY OF SASKATCHEWAN LIBRARIES

The Libraries offer two online catalogue systems to users: Geac and InfoAccess. The Geac OPAC contains records for the main collection. The InfoAccess system offers access to several locally-created and commercially-produced bibliographic databases.

Main Catalogue (DBMS: Geac Library Information System)
1. telnet 128.233.20.1 or 128.233.21.1
2. At the REQUEST prompt, type <LIB>

The Geac OPAC contains over 700,000 records. All bibliographic and holdings data for monographs and serials in the main collection have been converted.

Persons familiar with the Geac system can chain command from the first screen. If not, type <CAT> to get to the CHOOSE SEARCH screen. Online help is available at every stage of the search.

To disconnect, type <END> to return to the local telnet prompt.

INFOACCESS (DBMS: BUCAT, TKM Ltd.)
1. telnet 128.233.20.1 or 128.233.21.1 At the REQUEST prompt, type <SKLIB> At the USERNAME prompt, type <SONIA>

The Infoaccess service consists of several locally-created and commercially-produced databases. Those ones presently available to non-University of Saskatchewan users are:

1. Government publications of international organizations and Canada and its provinces (retrospective conversion project presently underway)
2. Special Collections pamphlets (retrospective conversion project presently underway)
3. ERIC (RIE and CIJE), 1983 to present
4. Early Canadiana (database records for the Canadian Institute for Historical Microreproduction's micro- fiche collection of pre-1900 Canadiana monographs)
5. Geac (a link is available to the Geac OPAC)

Each database has online instructions for use and help screens. At any point in a search, you can type <M> or <MENU> to return to the Main Menu.

To disconnect, type <Q> or <QUIT> at the main menu prompt.

For further information contact:

David Fox, Head, Systems Department, (306) 966-6031 FOX@SKLIB.USASK.CA

ISRAEL

INTERUNIVERSITY COMPUTERIZED CATALOG SYSTEM--ALEPH

Access to the InterUniversity Computerized Catalog System, known as ALEPH (Automated Library Expandable Program - Hebrew university) is available via telnet. ALEPH is a fully distributed catalog system, that is interconnected via DECNET.

There are seven universities in Israel:

Bar-Ilan University
Ben-Gurion University
Haifa University

Hebrew University
Technion
Tel Aviv University
Weizmann Institute of Science

Each university runs its own catalog system but all catalogs are interconnected via ALEPH and users can switch from one catalog system to another once they are inside the ALEPH system. DECNET handles the switch transparently.

To gain access to any of the systems, you must TELNET to any one of the following systems:

ALEPH.BIU.AC.IL	132.70.9.36
TAUVAX.TAU.AC.IL	132.66.32.6
ALEPH.HUJI.AC.IL	128.139.4.207
WISLIB.WEIZMANN.AC.IL	132.76.64.14
LIB.TECHNION.AC.IL	132.68.1.20

The userid to use is ALEPH. No password is required. The initial menu you will receive will look like this:

---

1. Visual 55/65
2. Visual 100
3. Visual 102
4. Visual 220
5. TTY
6. Zenith
8. Visual 200
9. Virtual terminal (for PC etc.)
10. Elbit DS2000
11. VT220
12. Viking (CD)

Select from menu :

If you are accessing the system via TN3270, use "5" as your display method. The next menu you will see is:

Function selection

1. Logout
2. Online Aleph Functions + Iutil
3.
4. Redefine terminal type
5. Show batch log
6. Upload offline Circulation records (PC only)
7. Show Batch execution queue and Print queue
8.

Select from menu :

Select #2. This will place you into the ALEPH system. From here you can begin your searches. To leave the ALEPH system from any menu issue the command STOP and you will return to the "Function selection" menu where you can select the "1" option to Logout.

Sample Search menu:

Search Library Weiz.Ins

B O O L E A N S E A R C H - type BS and press ENTER.

C A T A L O G S E A R C H

Search codes:		Direct access:
AU - Authors	WAU - Words (Corp)	B - Bibliographic record

TL - Titles
SH - Subjects
CN - Call Number

WTL - Words (Titles)
WSH - Words (Subjects)
WSN - Words (Series)

H - Holdings

The Library you are searching in is displayed on top of each screen. If you want to search in another library - type LB.

TO BEGIN SEARCH TYPE ONE OF THE ABOVE CODES/TEXT, AND PRESS ENTER.

To return to this screen - type SE and press ENTER.
Keying HELP on any screen will display an explanation.

Use the LB command to switch from one library system to another, all the while maintaining your Aleph session. The switch will be transparent to you.

If you have access to Hebrew fonts and use the standard ASCII mapping you can switch to Hebrew. Just type a "?" when inside an ALEPH menu. In the near future, there will also be the ability to search titles and authors in Arabic (provided you have the proper fonts).

NEW ZEALAND

VICTORIA UNIVERSITY OF WELLINGTON

LIBRARY.VUW.AC.NZ

To access the library catalogue:

telnet library.vuw.ac.nz

Press RETURN.

When prompted: ENTER SERVICE:

Enter ‘LIB’ and press RETURN.

When prompted: Press RETURN to log on GO

Press RETURN.

When prompted: LOGON PLEASE:

Enter ‘PUB’ and press RETURN.

You now should see a screen whose last line reads:

To use the catalog press the key labeled “<Return>”.

You may now access the catalogue.

To disconnect, please return to this screen:

Enter ‘LATER’ and press RETURN.

GERMANY

UNIVERSITY OF KONSTANZ

POLYDOS.UNI-KONSTANZ.DE

POLYDOS.UNI-KONSTANZ.DE is the machine of Univ. Konstanz' library, running KOALA, a proprietary online cataloging/database software.

KOALA may be used to scan the library's inventory of about 1.4 million volumes (no journals yet) for a given volume, using (combinations of) about a dozen different search criteria, such as ISBN, ISSN, authors' names, title etc.

The user interface is TTY-like and KEPT ENTIRELY IN GERMAN. It features an online help system, and a rudimen tary message handling facility to contact the database managers.

KOALA can be reached via telnet to polydos.uni-konstanz.de (134.34.3.5), on ***PORT 775***, during library opening hours (8:00 to 21:30 local time on Mon to Fri, 9:00 to 19:00 local time on Sat.).

There are a few technical limitations to using KOALA: - the machine is quite slow (and suffers from overload) - the number of KOALA sessions running in parallel is limited (currently to 9)

Contact: Guenther Rau
Bibliothek der Univ. Konstanz,
EDV-Abteilung Postfach 5560 D-7750 Konstanz FRoG
Tel.: 49 7531 88 2840 FAX : 49 7531 88 2809 E-M.: (via KOALA only)

MEXICO

THE INSTITUTO TECNOLOGICO Y ESTUDIOS SUPERIORES DE MONTERREY'S ONLINE CATALOG

MTECV2.MTY.ITESM.MX

The ITESM System is formed by 26 campuses in 22 different cities all over Mexico. The information included in the online catalog is just from the Monterrey Campus but by the end of this year it should include the information from the whole system.

Instructions:
1.- telnet mtecv2.mty.itesm.mx
2.- At the login prompt type "mtycat" with no password. The system is key sensitive, so you better type "mtycat".
3.- The presentation screen describes the system in spanish (the version in English will be very soon). At this screen type "r" (remote connection).

Any comments or suggestions please send them to:
"cauto@mtecv2.mty.itesm.mx" or "hugo@mtecv1.mty.itesm.mx"

Contact: Hugo Garcia, Director Central Library, ITESM Campus Monterrey, Monterrey, N.L.
Mexico.

LIBRARY OF THE UNIVERSIDAD DE LAS AMERICAS, PUEBLAS

Library's online catalog may be accessed by other academic institutions via Internet. Library's Telenet is: bibes.pue.udlap.mx (140.148.1.5). To access the online catalog do the following steps:

1. Type <set host bibes> from a DECNET node. If you are not in a DECNET, telnet from any machine connected to Internet to the following address: bibes.pue.udlap.mx (140.148.1.5).

2. System prompts username:, type <LIBRARY> (no password required).

Please note: requirements VT100 or VT100 emulation.

At this point the inquiry screen presents you with several search types. From this list you may select a search by author, title, subject or any other combination. (All the time there is online help.)

Once you have selected the search type, enter the search term(s). Search term(s) may be partial words or phrase(s).

Example: If the search type was “Title”, a search term would be a word or phrase that is known to exist in the title you wish to retrieve.

The online catalog may be accessed Monday through Friday: 8:00 a.m. - 10:00 p.m., and Saturday from 8:00 a.m. - 4:00 p.m. However, due to computer maintenance requirements it may not be available from 3:00 p.m. - 10:00 p.m. on Friday.

On week days the online catalog is most heavily used from 8:00 a.m. to 1:00 p.m. and from 3:00 p.m. to 5:00 p.m.

All titles acquired after October, 1988 form part of our online catalog. Actually 65,000 records are online, this represents 37% of our library collections.

Our online catalog also includes the collection of Mexican Government Publications.

SECTION 4: DIAL-UP LIBRARIES AND CATALOGS

The following is the result of a first survey of libraries with dial-up access. Time did not permit its integration, where possible, into the listing of libraries by state.

Please send corrections or additions to:
Robert W. Bethune 34 Echo Lane Warwick, NY 10990 UUCP: cboard!rwb@oswego.edu Phonenet: Voice: 914-986-7020 Data : 914-986-0697

The following is a list of 21 systems that offer dial-up access to one or more large library on-line card catalogs. The list was compiled in March- July 1990.

Please send updates, additions, and corrections to the above address.

SYSTEM: Boston University TOMUS. COVERAGE: Data for 710,000 books and publications ACCESS: 617-353-9601 (either 300 or 1200 baud). 8N1. LOGON: Hit enter a couple of times, then type 'connect bux' and hit enter. When you get the 'bux' prompt, type 'telnet library' (no 'e' after the 'l' in telnet). Hit enter. To log off, type 'end,' hit enter, 'quit,' enter and then 'off' and enter. SEARCH: Keyword search supports Boolean searches HELP: 617-353-3704

SYSTEM: Brandeis University LOUIS. COVERAGE: Catalogs roughly 90 percent of the university's two main libraries and most current periodicals. Older periodicals, government documents and most books and periodicals in Hebrew or Yiddish are NOT cataloged. ACCESS: 617-736-4690 (1200 baud). 8N1. LOGON: Hit enter a couple of times, and you're in the system. To log off, type 'end.' SEARCH: ? HELP: 617-736-4670.

SYSTEM: Massachusetts Institute of Technology BARTON. COVERAGE: Includes all material acquired since 1974 except for periodical articles, maps, pamphlets and non-MIT technical reports. Some pre-1974 publications are included. ACCESS: 617-258-6700 (1200 baud). 8N1. LOGON: Hit enter a couple of times. Uses same software as LOUIS at Brandeis. To log off, type 'end.' SEARCH: ? HELP: Call (617) 253-7018 or 253-1617 for connection problems, (617) 253-5683 for other questions.

SYSTEM: Tufts University TULIPS. COVERAGE: Catalogs 300,000 books, 25,000 serials. Older publications and most government documents not included ACCESS: 617-381-3812 (1200 baud); 381-3824 (2400 baud). 8N1. If you do not support VT100 or VT220 emulation directly your screen will begin to flash and seem to go berserk. Wait until it stops, then type '??' (yes, two of them) and you will get a help screen. LOGON: At 'enter selection' prompt, hit L and then enter. For 'username,' type 'TULIPS' and hit enter. It takes a few moments for the system to connect. SEARCH: Uses more complicated search system than other catalogs, so read directions carefully HELP: (617) 381-3345

SYSTEM: Wellesley College INNOPAC. COVERAGE: Covers 350,000 books, 8,000 magazines. Does not include government documents ACCESS: 617-237-9010 (1200 baud). 8N1. VT100 emulation required. LOGON: At 'username' prompt, type 'library' and hit enter. At 'local' prompt, type 'connect lib-cat.' In addition to standard searches, lets you see what books are shelved near the one you originally requested. SEARCH: ? HELP: (617) 235-0320, ext. 2104

SYSTEM: University of Massachusetts at Boston ULYSIS. COVERAGE: Catalogs all of the library's books and periodicals and some government documents and maps ACCESS: 617-265-3598 or 265-0393 (300 or 1200 baud); 265-0883 or 265-9882 (2400 baud). 7E1. LOGON: At 'enter service' prompt, type 'server' and hit enter three or four times. At 'server' prompt, type 'connect libra' and hit enter. At 'username,' type 'catalog, hit enter. You'll then be asked for your terminal type. Make a choice and hit enter. SEARCH: Uses a more complicated search system than other libraries, so read on-line help screens carefully HELP: (617) 929-7622 or 929-7635

SYSTEM: Boston Library Consortium Union List of Serials. COVERAGE: Catalogs all periodicals and serials held by a number of libraries in the Boston area, including the ones above, the State Library and some others. Located in Colorado, because they use an existing system there (CARL) to help develop their own system. ACCESS: 303-830-1546, 1547, or 1548. 8N1. LOGON: Hit enter a couple of times, then enter terminal type. Hit enter for main menu. Boston material is located in area 17. SEARCH: Supports the Boolean AND function when you add words together. Type 'quicksearch' for other search co HELP:

SYSTEM: DALNET (Detroit Area Library Network). COVERAGE: Holdings of: Wayne State, Oakland University, University of Detroit, Detroit Public Library. Oakland, Macomb, and Wayne County community colleges. Beaumont Royal Oak, Botsford, and Children's Hospital libraries. Center for Research Libraries, Chicago. ACCESS: 313-577-0335 (300/1200), 313-577-0321 (2400). Access is via the MERIT network. See the entry for MERIT for further information. LOGON: At the 'Which host?' prompt on MERIT, type 'WSUNET' and press <enter>. Type 'LUIS' at the resulting menu, press <enter>. Type 'LUIS' again when prompted, press <enter>. Follow prompts thereafter. SEARCH: Keyword,

title, subject, author searches. Non-Boolean. HELP: Network Control Center 313-577-4746. Consulting office 313-577-4778.

SYSTEM: MERIT. COVERAGE: Not itself a library, but provides access to the DALNET libraries, University of Michigan, and Michigan State University. ACCESS: 313-577-0335 (300/1200), 313-577-0321 (2400). E71/N81/7mark1. There are over 20 MERIT nodes in Michigan. The above are the Detroit numbers. LOGON: Once connected, press <enter> for all prompts until you see 'Which host'. Then enter the host name, or enter 'help' for further information, hosts, phone numbers, etc. SEARCH: ? HELP: MERIT central office 313-764- 9430. User consulting same number.

SYSTEM: Michigan State University MAGIC. COVERAGE: Michigan State University graduate and undergraduate libraries. ACCESS: 517-353-8500 (300/1200/2400) direct, or via MERIT. N81, VT100 emulation, full duplex. Vadic 3400 series support at 517-353-8578 (300/1200). LOGON: When connected, press <enter> till you see '%terminal'. Keep pressing <enter> till 'Which host' appears. Enter 'MAGIC' if calling direct, 'MSU-MAGIC' if calling via MERIT. Enter your terminal type when asked (usually 'VT100'). Follow prompts thereafter. SEARCH: Keyword, title, subject, author. Non- boolean. HELP: Computing Information Center, 517-353-1800 Mon-Fri 8 a.m.-5 p.m.

SYSTEM: New York Public Library
The New York Public Library has dial-up access to its CATNYP online card catalog, containing all their entries since January 1972. The phone number is (212) 391-0808 for 2400 baud access. Here are the basic help screens:

To use CATNYP, type what you want CATNYP to do. Use one of the words, or "commands," that CATNYP understands. Some of the more frequently used commands are explained below. For a complete list of commands, type HELP COMMAND:

To start a search, type the command FIND, then what you want CATNYP to find; for example, FIND SUBJECT DANCE, or FIND AUTHOR KRAUS, or FIND TITLE BOAT PEOPLE. For more information on the command FIND, type HELP FIND.

If CATNYP tells you that some items were found as a result of your search, you may type DISPLAY to see the items. There are actually four different types of display you may use. For more information, type HELP DISPLAY.

At any time, if you are having trouble or want more information, you may type HELP and receive an explanation. For more information on the HELP command itself, type HELP HELP.

To stop using CATNYP at any time, type STOP or END or QUIT or LOGOFF.

Always remember to press the RETURN key after you type a command.

To start over, or return to the first screen, type START (or just S), then press RETURN.

To look for a particular subject, type FIND SUBJECT (or just FS), then the subject; for example, FIND SUBJECT REFUGEES, or F S DANCE.

To look for an author, type FIND AUTHOR (or just F A), then the author; for example, FIND AUTHOR BRUCE GRANT, or F A RICHARD KRAUS.

To look for a title, type FIND TITLE (or just F T), then the title; for example, FIND TITLE BOAT PEOPLE, or F T HISTORY OF THE DANCE.

To look for an item by author and title, type FIND AUTHOR, the author, AND TITLE, then the title; for example, FIND AUTHOR GRANT AND TITLE BOAT PEOPLE.

After you have typed one of these commands, press the key marked RETURN.

Instructions to CATNYP are called commands. Examples of commands are:

FIND SUBJECT REFUGEES FIND AUTHOR BRUCE GRANT FIND TITLE BOAT PEOPLE

After you have typed a command, press the key marked RETURN. CATNYP will then search the catalog and report how many items it finds.

To see these items, type DISPLAY (or just D) and press the RETURN key. For full information, type DISPLAY FULL

(or just DF).

If you make a mistake in typing, press the key marked BACKSPACE to backspace over the mistake, then re-type.

Always press the key marked RETURN when you finish typing.

For more information, type HELP (or just H), then press RETURN.

SYSTEM: University of Kansas OCAT. COVERAGE: At least 25 percent of KU's holdings, especially items acquired since 1975. (The 25 percent figure is as of 1988.) ACCESS: 913-864-5300 (300/1200), 864-5350 (1200), 864-5370 (2400). 7E1. VT100 emulation preferred, many emulations available. LOGON: At the "*" prompt, enter 'C .LC'. Enter terminal type when prompted. Press <enter> for a list of types. At the KU network banner, enter 'OCAT' or 'LBRY'. At the CICS-VS prompt, enter a control-Z and re-enter 'OCAT'. Follow menus and prompts from there. SEARCH: Author, title, subject, and call number searches. No Booleans available. Combined author/title search HELP: Academic Computing Services, 913-864-0410. Hard-copy write-ups available.

SYSTEM: University of Wisconsin NLS Network Library System. COVERAGE: 1.8 million titles at Madison, another 940,000 at Milwaukee. ACCESS: 608-262- 8670 (Madison), 414-229-4046 (Milwaukee). 300/1200/2400 7E1. VT100, IBM3101, and HDCPY (hard copy, i.e. dumb ASCII) and other emulations. It is possible to access either catalog from either number. LOGON: No formal logon. Upon connecting, enter terminal type, then follow the prompts. To log off, simply hang up. SEARCH: Name, title, subject searches; keyword and boolean searching. HELP: Automation Help Desk 608-262-8880 (for access questions). Memorial Library 608-262-3193 (for searching questions). Hard copy instructions available.

SYSTEM: University of Oregon JANUS. COVERAGE: University of Oregon library system. ACCESS: 503-346-4391 (300/1200) 346-3565 (2400). 8N1. LOGON: At "enter class" enter "uonet". At "UOnet>" enter "c janus". At "login" enter "janus" again. Keep everything in all lower-case, especially the "login" response. Disconnect by choosing "X" for Exit System. When you get "UOnet>" hang up. SEARCH: Several search types available, details lacking. HELP: Knight Library Reference Department 503-364-3053.

SYSTEM: University of Illinois ILLINET. COVERAGE: Brief records on holdings at 28 academic institutions throughout Illinois. Full records at Urbana and Chicago, possibly others. ACCESS: 217-333-2494 (Urbana 300/1200/2400) 312-996-8844 (Chicago 300/1200/2400). 7 bits, no parity or mark parity, 1 stop bit, half duplex. LOGON: On connect press <enter>. At "ILLINET Online" enter "B". Enter search commands from that point. To log off, simply hang up. SEARCH: Command-driven. Author, title, subject, call number. Boolean search available. HELP: User Services (217-333-8340). Ask for printed guides. Difficult to use without documentation.

SYSTEM: University of Texas at Austin UTCAT. COVERAGE: 4 million records; unclear whether other campuses are covered. ACCESS: 512-471-9420. 7E1. VT52 emulation. LOGON: At connect, press <enter>. At "CLASS=" enter "UTCAT". At "Terminal Type" enter "VT52". At the University of Texas at Austin banner, enter "UTCAT" again. Follow menus thereafter. SEARCH: Author, title, subject, call number. No Booleans. HELP: ?

SYSTEM: University of Michigan MIRLYN. COVERAGE: All U of M libraries. Several million records. ACCESS: 313-763-4800 (300/2400), 763-6520 (1200 Bell), 763-6521 (1200 Vadic). E71/N81/7mark1. Access is via the MERIT network; see the MERIT entry for further information. LOGON: When connected, press <enter> till you see '%terminal'. Keep pressing <enter> till 'Which host' appears. Enter 'MIRLYN'. Enter your terminal type when asked (usually 'VT100'). Follow prompts thereafter. SEARCH: Author, title, subject. No Boolean. Same software as DALNET. HELP: ?

SYSTEM: University of California MELVYL. COVERAGE: All University of California libraries at all campuses, plus California State Library. ACCESS: 213-825-0941. 7E1. LOGON: After you connect, press <enter>. Enter "MELVYL" at the prompt. Enter terminal type if it asks you. TYPETERM gives you a dumb-ASCII emulation. SEARCH: ? HELP: ?

SYSTEM: Renssalaer Polytechnic Institute INFOTRAX. COVERAGE: Renssalaer libraries. ACCESS: 518-276-8989 (300/1200), 276-8990 (2400). 8N1. LOGON: At connect, press <ENTER> several times. At terminal type prompt, enter a terminal type or "HELP" for a list. At "which host" enter "InfoTrax". It may take as much as 60 seconds to get started. Follow menus thereafter. SEARCH: ? HELP: ?

SYSTEM: Colorado Alliance of Research Libraries (CARL). COVERAGE: ? ACCESS: 303-863-1350 (300/1200/2400). 8N1. LOGON: Follow prompts and menus. SEARCH: ? HELP: Dial user assistance 303-861-5319.

SYSTEM: Ohio State University Library. COVERAGE: Also covers State Library of Ohio and Ohio Historical Society.

ACCESS: 614-292-3070. 1200 baud, 7 data bits, space parity, 2 stop bits. LOGON: User ID or “Host Name” is “LCS”. Password is “^LCS”. Note this is not control-L, but a caret, i.e. shift-6, followed by an “L”. SEARCH: ? HELP: ?

SYSTEM: Dartmouth College. COVERAGE: Baker Library, Dartmouth College. ACCESS: 603-643-6310 (300/1200), 8N1/7E1. LOGON: At the “@” prompt, type “connect library.” “Help” at the “@” prompt will get you quite a list of services available. SEARCH: Command-driven. Help available on-line. HELP: Baker Library, 603-646-2999.

SECTION 5: OTHER ONLINE RESOURCES

BULLETIN BOARDS

There have been a large number of requests from Internet users to expand the Internet Library list by adding other online resources. One such resource that has repeatedly been requested is a list of bulletin boards. The following list was compiled by Marty Solomon, Vice President of Computing and Communications at the University of South Carolina and Diane Kovacs, Government Documents Coordinator, Ellen Clarke Bertrand Library, Bucknell University. Please send corrections or additions to them: Marty can be reached at SOLOMON@UNIVSCVM and Diane is at KOVACS@BKNLVMS.

Unless otherwise noted, set your modem for eight data bits, no parity and one stop bit. ANSI or VT100 terminal emulation will work almost anywhere.

AGRICULTURE

301-344-8510 - ALF, Agriculture Library, Berwyn MD. Agricultural information.

314-882-8289 - AgEBB, Columbus MO. Agricultural information.

402-472-6615 - HPRCC, Weather Data, Lincoln NE. Regional agricultural weather.

BUSINESS/ECONOMICS

202-377-3870 or 202-377-0433 - Dept. of Commerce, Office of Business Analysis. Current economic news from DoC Economic Affairs(EA) agencies including press releases, economic indicators, official DoC summaries of economic news, information on how to obtain data tapes, and summaries of reports and studies produced by EA agencies. Also included are press releases issued by the Bureau of Labor Statistics. After connect, enter 1 or 2 returns to start.

202-523-4784 - US Dept of Labor DC. News releases.

202-357-8997 - Fed. Energy Reg. Comm., DC. Daily issuances, press releases.

202-377-2870 - The Economic BBS, DC. Commerce Dept. information (fee).

202 272-1514 - The COE Manpower BBS OPEN board. Army Corps of Engineers, Rich Courtney.

202 697-6109/3632 - Export License Status Advisor, Department of Defense.

202 786-3640 - Budget/Finance Board OPEN board (don't use in mid-day. Immigration and Naturalization Service, Mike Arnold.)

202 537-7475 - Fannie Mae BBS OPEN board. Federal National Mortgage Association, Ken Goosens.

202 477-8500 - World Bank OPEN board, Ashok Daswani.

202 376-2184 - Info Technology Center BBS OPEN board. Veteran's Administration, Jay Anderson.

202 737-7264 - Federal Deposit Insurance Corporation.

202 566-4602 - Export-Import Bank of the US OPEN board, Joel Kahn/Bob Hughes.

800 222-4922 - (Outside DC Metro area) 202-626-9853 (DC calls) OERI Electronic Bulletin Board OPEN board. US Department of Education, Tom Litkowski.

206-924-4102 - Labor Mkt. Econ. Anal., WA. Seattle area economic information.

301 948-5717 - Computer Performance Evaluation Group, National Science Foundation OPEN board. 300 Baud only.

301 948-5718 - Microcomputer Electronic Information Exchange, National Bureau of Standards OPEN board. 300 or 1200 Baud.

301 948-2048 - Data Management Information Exchange, National Bureau of Standards. OPEN board. 300 or 1200 Baud.

301-763-4576 - Census Microcomputer Information Center, Bureau of the Census. Microcomputer news, software and hardware reviews, public domain software, training programs for Census and Commerce personnel. After connect, enter 1 or 2 returns to start.

301-763-1568 - State Data Center, Maryland DC area census bureau statistics.

301-948-5718 - Institute for Computer Sciences and Technology (ICST), The National Bureau of Standards, Department of Commerce. Information on the acquisition, management, and use of small computers. Other files containing sources of information on topics such as: conferences, federal publications and activities, user groups, other bulletin boards, etc. After connect, enter 1 or 2 returns to start. If you do not receive a carrier after two rings, hang up and call again.

301 353-5059 - Megawatts BBS OPEN board. Department of Energy, Bruce Birnbaum.

301-763-5225 - Federal-State Cooperative for Population Estimates, Bureau of the Census. Information and news about population and demographic projections. After connected, enter "RUN" to start.

717-654-7673 - DEVIN, Pennsylvania. Pittston, economic information.

Information Technology Exchange (Kensington, Md.) (National Oceanic and Atmospheric Administration) data: (301) 770-0069 voice: (301) 377-2949 Sysop: Rich Kissel public access: 24 hours/day 7 days/week

Planning and Budget (Washington, Dwntn) (Office of the Secretary) data: (202) 377-1423 voice: (202) 377-2949 Sysop: John O'Conor, Pat Spencer, Kathy Cooper Appropriations data: Sharon Davis Budget Bulletins: Beth Mack public access: 24 hours/day 7 days/week

HEALTH/NUTRITION

301-436-6346 - National Center for Health Statistics, Public Health Service. Contains statistical data on NCHS surveys.

301-436-5078 - Nutrient Data Bank, Hyattsville MD. USDA nutrition info.

402-280-3023 - National Drug Info. Omaha NE. Pharmacological info.

404-377-9563 - AIDSQUEST Online, Atlanta GA. AIDS, cancer info.

504-588-5743 - Health Ed. Electronic Forum, New Orleans LA. Health info.

800-624-2723 - NBIAP Biotechnology, VA. Genetic engineering.

LAW

301-738-8895 - NCJRS, MD. Nat. Criminal Justice Reference Service. This is a finicky board I could never make work with ProComm. It wants to see TeamTerm which NCJRS will supply free to any law enforcement agency or other qualified user.

415-556-3075 - 9th Circuit Court, San Francisco CA, and 513-684-2842 - CITE, Cincinnati OH. 6th Circuit Court cases. Both above are pilot projects to provide information on cases before the courts. Not known if past decisions can be searched online.

202-786-3640 - Dept. of Justice, Comptroller of Immigration and Naturalization Service, Budget/Financial Board. Messaging and file transfer service for INS.

718-463-1091 - Immigration Law USA, NY. Immigration law info. Run by an attorney in private practice, specialist in immigration law. Primarily for his own clients but he will answer reporter's questions.

202-325-0748 - Judge Advocate General (Alexandria/Arlington) data: (202) 325-0748 —- avn: 221-xxxx voice: (202) 325-8312 Sysop: Ens. John Sawyer, Lcdr. Chris Buechler public access: 24 hours/day 7 days/week.

MISCELLANEOUS

202-366-3764 - FEBBS, DC. Federal highway information.

202 426-2961 - Federal Highway Administration BBS.

202-529-0140 - USA-GDR Databank, DC. East European events.

202-775-1237 - IDI Job Board. Job opening in Washington DC area.

202-475-1973 - NANci. U.S. Navy, Naval Aviation News. Reference on naval aviation history. Message access to the magazine. Operates 5pm to 7am.

202 557-3769 - Pesticide Programs BBS. Environmental Protection Agency.

301 725-1072 - Public Access Link Federal Communications Commission.

202 275-1050 - Information Technology Center, General Accounting Office.

202 535-7661 - Information Resources Services, Government Services Administration.

202 453-9008 - Information Technology Center, National Aeronautics and Space Administration.

202 287-9656 - Federal Library Committee BBS, Library of Congress.

216-368-3888 - Cleveland FreeNet. Run by Case Western Reserve University. Thom Boughton (71641,1326 on CIS) is a sysop. No charges of any type. Use the command "GO OUTDOORS" to access the outdoor forum.

301-948-5718 - Micro Electronic Information Exchange. Technical information with emphasis on computer security.

703-243-9696 - NewsUSA, VA. Consumer news (7-E-1).

NATURAL RESOURCES

617-439-5699 - Boston Citinet, NMFS "green sheets."

202-272-1514 - U.S. Army Corps of Engineers. data: (202) 272-1514 voice: not listed Sysop: Rich Courtney public access: 24 hours/day 7 days/week. Because this board is also internal information exchange within the Corps, some sections are restricted access.

202-355-2098 - Department of the Army, Corps Engineer Planners (Mt. Vernon) data: (202) 355-2098 voice: (202) 355-3087 Sysop: Michael Walsh public access: 24 hours/day 7 days/week.

NEWSPAPERS

213-432-3592 - Electric Newspaper, Long Beach CA. Press-Telegram.

402-593-2000 - Omaha CityNet, Omaha NE. World-Herald (DEMO LINE).

508-872-8461 - Fred the Computer, Framingham MA. Middlesex News. Intended for local readers sending letters to the editor.

516-454-6959 - Newsday Online, New York NY. Newsday.

817-878-9800 - Star Text, Ft Worth TX. Star-Telegram (DEMO LINE).

SPACE/SCIENCE

202-586-8658 - Energy Info Admin, DC. Energy statistics.

202-634-1764 - Science Resources DC. National Science Foundation.

301-763-8071 - Climate Analysis Center, National Weather Service, Department of Commerce. Historical climate information - daily, weekly, and monthly, heating degree days, weekly climate bulletins.

301-454-8700 - National Weather Service, U.S. Department of Commerce. Marine weather and nautical information for coastal waterways. Information includes data for bays and sounds, coastal waters, and offshore waters; tropical storm advisories; tidal information, and important weather, nautical, and fishing news. Data are primarily about the middle Atlantic region. The bulletin board is open to the public and free of charge. Users must preregister by calling Ross Laporte, National Weather Service, 301-899-3296. Information about similar bulletin boards for other regions available.

314-882-3874 - SCI-FIND, Columbia MO. Science news reference. Reference and bibliographic service at the University of Missouri's Science Journalism Center.

205-895-0028 - NASA Spacelink, Huntsville AL. NASA news, info.

303-494-8446 - Space Network, Boulder CO. Boulder Center for Science and Policy. Space news, research.

713-483-5817 - NASA JSC, Houston TX. Shuttle schedules.

800-358-2663 - USGS Earthquake QED, Golden CO. Earthquake epicenter info. Carries info on "felt" earthquakes around the world.

902-566-7390 - Energy Centre, Canada. Govt energy info.

202-653-1079 - Naval Observatory (Washington, Dwntn) data: (202) 653-1079 voice: (202) 653-1522 Sysop: M. Miranian public access: no limitations specified enter @TCO command for command directory.

202-646-6197 - National Aeronautics and Space Adminstration (NASA) — Information Technology Center (Washington, D.C.) data: (202) 646-6197 voice: no voice line indicated Sysop: Carlos Ojeda, Maura Ennis public access: 24 hours/day 7 days/week.

301-286-9000 - National Space Science Data Center (Greenbelt, Md.) data: (301) 286-9000 voice: (301) 286-7251 Sysop: Bruce McLendon, Pat Sisson public access: 24 hours/day 7 days/week enter NSSDC (after the connect) when asked for User, enter NSSDC again.

301-286-9000 - Space Physics Analysis Network (Greenbelt, Md.) data: (301) 286-9000 voice: (301) 286-7251 Sysop: Bruce McLendon, Pat Sisson public access: 24 hours/day 7 days/week enter NSSDC (after the connect) when asked for User, enter SPAN_NIC.

202-634-1764 - National Science Foundation — Science Resources Studies (Washington, Dwntn) data: (202) 634-1764 voice: (202) 634-4636 Sysop: Vanessa Richardson public access: 24 hours/day 7 days/week

SPORTS AND RECREATION

301-622-2247 - Maryland, Silver Bullet.

301-944-3495 - Maryland, League of American Wheelmen. Evenings/weekends only.

303-972-9023 - Colorado, Chatfield Armory.

304-343-5871 - West Virginia, The Gunslinger.

318-797-8310 - Louisiana, Dawn Patrol.

318-741-3422 - Louisiana, Peacekeeper.

415-537-1777 - California, Combat Arms.

512-441-6300 - Texas, National Firearms Assoc.

614-294-5216 - Ohio, Crossfire.

619-934-9695 - Private Events, Mammoth Lakes CA area. Has a local weather forum maintained by a resident weatherman and a fishing forum updated by the Eastern Sierra Fly Fishers.

703-971-4491 - Virginia, The Bullet 'N Board.

707-545-0746 - California, Survival Communications Forum.

713-682-6508 - Texas Two Wheelers BBS. BikeNET echo.

714-653-0494 - California. F&W Guns.

901-873-0387 - Tennessee, North End.

904-488-3773 - Florida, FishLINE. Sysop Scott Hardin, 904-488-4066 (voice).

918-838-1615 - Oklahoma, The Gunner's Mate.

919-781-7047 - North Carolina, Small Time BBS. BikeNET echo.

OTHER FEDERAL GOVERNMENT OR RELATED BBS

ADAIC BBS (ADA Programming) Line 1: 202-694-0215 ADA Information Center Line 2: 301-459-3865

Automated Library Information Exchange Line 1: 202-707-9656 Fed. Library & Information Ctr. Comm.

Commerce Department Line 1: 202-377-1423 US Department of Commerce.

DC Info Exchange Line 1: 202-433-6639 US Navy.

Education/OERI Line 1: 202-37-6011 US Department of Education.

FDIC Line 1: 202-371-9578 Fed. Depository Ins. Corp.

GSA - IRSC Line 1: 202-501-2014 General Services Office.

JAG Net (Navy-legal) Line 1: 202-325-0748 US Navy Judge Advocate General.

Metro Net Line 1: 202-475-7543 US Army Military Dist. of DC.

Minority Energy Info Clearinghouse Line 1: 202-586-1561 US Dept. of Energy.

NADAP Line 1: 202-693-3831 US Navy.

NARDAC - Laser Line 1: 202-475-7885 US Navy.

Naval Observatory (1200/E/7/1) Line 1: 202-653-1079 US Naval Observatory.

NAVDAC Line 1: 202-433-2118 Naval Data Automation Command.

Census Bureau Personnel Line 1: 301-763-4574 US Bureau of the Census.

MSG-RBBS Line 1: 301-227-1042 David Taylor Naval Research Ctr. Line 2: 301-227-3428.

OPM New Jersey (Federal Job Listings) Line 1: 201-645-3887 Office of Personnel Management.

DASC-ZSA Line 1: 703-274-5863 Defense Logistics Agency.

Ft. Myer O Club Line 1: 703-524-4159 Fort Myer Officers Club.

Geological Survey Line 1: 703-648-4168 US Geological Survey.

Naval Weapons Engineering Support (NAVWESA) (Washington, S.E.) data: (202) 433-6639 —- avn: 288-6639 data: (202) 433-2171 voice: (202) 433-4836 Sysop: Bill Walsh public access: 4pm - 7am weekdays; 24 hrs weekends/holidays

DEPARTMENT OF DEFENSE —

Ada Information Database data: (202) 694-0215 (DOD) (301) 459-3865 (Hyattsville, Md.) voice: (703) 685-1477 (Alexandria, Arlington) Sysop: none listed public access: 24 hours/day 7 days/week.

Defense Technology Security Administration Export Control data: (202) 697-3632 (DOD) voice: (202) 693-1148 (DOD) Sysop: not listed public access: exclusive use of exporters of licensed items under provisions of U.S. Export Control laws.

DEPARTMENT OF STATE — Agency for International Development (Arlington, Va.) data: (703) 875-1465 voice: (703) 875-1369 Sysop: Jerry Galindo public access: 24 hours/day 7 days/week.

DEPARTMENT OF JUSTICE — Immigration and Naturalization Service (Washington, D.C.) Budget and Finance data: (202) 786-3640 voice: no voice line indicated Sysop: not listed public access: do not use in mid-day.

DEPARTMENT OF TRANSPORTATION — Federal Highway Administration (Washington, Dwntn) data: (202) 426-2961 voice: (202) 366-4057 Sysop: not listed public access: 24 hours/day 7 days/week.

DEPARTMENT OF ENERGY —

Energy Information Administration (Washington, Dwntn) data: (202) 586-8658 <use 7 stop, even parity> voice: (202) 586-1155 Sysop: T.C. Swann public access: Mon-Fri: 8:00am - 11:00pm wknds/hols: 10:00am - 6:00pm

Radioactive Waste Management (Washington, Dwntn) data: (202) 586-9359 Voice: (202) 586-5722 Sysop: Glenn Truitt public access: 24 hours/day 7 days/week

FEDERAL DEPOSIT INSURANCE CORPORATION data: (202) 737-7264 (Washington, Dwntn) voice: (202) 898-7085 Sysop: R. Campbell, L. Rudolph public access: 24 hours/day 7 days/week

SECURITIES & EXCHANGE COMMISSION — Information Systems Management (Washington, Dwntn) data: (202) 272-2835 voice: (202) 272-2823 Sysop: not listed public access: Federal Government use only.

DEPARTMENT OF EDUCATION — Educational Research and Improvement (Washington, N.E.) data: (202) 626-9853 voice: (202) 357-6524 Sysop: Tom Litkowski public access: 24 hours/day 7 days/week.

LIBRARY OF CONGRESS — Federal Library Committee (Southwest Washington, D.C.) data: (202) 287-9656 voice: (202) 287-1374 Sysop: Bruce Miller, Lee Power, Steve Palinscar, Bill Stockey public access: Mon-Fri 7:30am - 5:00pm.

GENERAL ACCOUNTING OFFICE — Information Technology (Washington, Dwntn) data: (202) 275-1050 voice: no voice line indicated Sysop: Mark Stefan public access: 24 hours/day 365 days/year.

GENERAL SERVICES ADMINISTRATION — Information Resources Services Center (Washington, D.C.) data: (202) 535-7661 voice: (202) 535-0825 Sysop: Steve Tursky, Suzanne Taxin public access: 24 hours/day 7 days/week.

VETERANS ADMINISTRATION data: (202) 376-2184 voice: (202) 233-5571 Sysop: Jay D. Anderson, Alan Toense public access: 24 hours/day 7 days/week.

FEDERAL BUREAU OF PRISONS — Office of Information Systems (Washington, Dwntn) data: (202) 272-4545 voice: no voice line indicated Sysop: Byron Trantham public access: BOP and employees of other government agencies.

FAA/NWS/MITRE (Falls Church/McLean) — Washington Testbed for Automated Flight Services Lab Experimental weather briefing data: (703) 790-1740 voice: (703) 883-6008 Sysop: not listed public access: no limitations specified.

FEDERAL COMMUNICATIONS COMMISSION — Public Access Link (Laurel, Md.) data: (301) 725-1072 voice: not listed Sysop: not listed public access: 24 hours/day (5 min connect time).

DISTRICT OF COLUMBIA — Productivity Management Services (Washington, Dwntn) data: (202) 727-6668 voice: (202) 727-6665 Sysop: Danny Weiss public access; 24 hours/day.

SECTION 6: CAMPUS-WIDE INFORMATION SYSTEMS

A large number of campuses allow access to their campus-wide information systems via the Internet. The information in this list was compiled from submissions to CWIS-L@WUVMD.

Direct additions and corrections to Judy Hallman (hallman@unc.bitnet), Manager of Information Services, Academic Computing Services, CB# 3460 311 Wilson Library, University of North Carolina, Chapel Hill, NC, 27599-3460. Phone (919) 962-9107.

Please note that on-line information systems often have a limited number of ports. Users are asked not to tie them up for long periods.

COLUMBIA UNIVERSITY

cal.cc.columbia.edu
Login as calendar
Contact: David Millman <dsm@cunixf.cc.columbia.edu>

CORNELL'S CUINFO

cuinfo.cornell.edu
Connect to port 300 Different version of telnet or TN3270 have different syntax for defining the port. The following are the common ones... telnet cuinfo.cornell.edu 300 or telnet cuinfo.cornell.edu..300. And some VMS versions want telnet cuinfo.cornell.edu /port=300
Contact: Steve Worona <SLW@CORNELLA>

MIT TECHINFO

techinfo.mit.edu
Login as techinfo. Password is techinfo (lowercase only — system is UNIX). Once you're in, you can use upper or lower case. When you're done, use the QUIT command.
Contact: Tim McGovern <tjm@EAGLE.MIT.EDU>
TechInfo is an electronic document retrieval system available on MIT.

NEW MEXICO STATE UNIVERSITY NMSU/INFO

info.nmsu.edu
Userid is INFO, and there is no password.
Contact: D. Brian Ormand <bormand@nmsu.edu> or <bormand@nmsuvm1.bitnet>

NYU

info.nyu.edu
(information.nyu.edu) will connect to the main server.
Contact: Stephen Tihor <TIHOR@NYUACF>

PNN - PRINCETON NEWS NETWORK

pucc.princeton.edu
When you see the VM 370 logo, clear it, and instead of logging on, enter pnn (case does not matter). Clear the information screen that appears (after reading it carefully of course) and you'll be in PNN. PNN is a full-screen VM/CMS based system (the public version is slightly restricted). In the near future UNIX and HyperCard version will be available. PNN VM/CMS is available free on an as-is basis.
Contact: Howard Strauss <Howard@PUCC>

UNIVERSITY OF NEW MEXICO UNM_INFO

bootes.unm.edu
At the login prompt, enter UNM_INFO No password is required.
Contact: Art St. George <STGEORGE@UNMB>

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL INFO

info.acs.unc.edu or 128.109.157.1
Log on with username INFO.
Contact: Judy Hallman <HALLMAN@UNC.BITNET>

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