SUCCESSFUL 4.5 BETA TESTS AT KENT STATE, LONG BEACH

Beta tests of the Release 4.5 features of bill and fine and course reserve at Long Beach (CA) Public Library and Kent State University have been successful. Bruce Miller, NOTIS Systems Analyst, reports that the beta tests revealed no major problems.

Long Beach Public Library performed testing on bill and fine during the week of June 13th. Beta testing of course reserve was carried out at Kent State during the week of July 11th. The two sites (both operating under MVS) installed all of the Release 4.5 software as part of the beta test.

Beta testing at DOS/VSE sites begins July 19 with Tulsa City-County Public Library testing bill and fine. No major problems are anticipated at Tulsa or the other DOS/VSE beta site for course reserve, St. Louis Community College. Testing at St. Louis starts later in July.

Other features of Release 4.5 have already been tested. Brigham Young University tested the DOS/VSE version of the keyword/Boolean feature. VITLS is still in test at Clemson University; no major problems have been found to date. Release 4.5 remains on schedule for general release in late summer.
1988 NUGM ATTRACTS OVER 450 USERS

Hundreds of NOTIS users came to Evanston, IL June 29-30 to attend the 1988 NOTIS Users Group Meeting (NUGM). Registrants attended tens of sessions, organized into tracks for new users; those interested in the basics of Release 4.5; and computer operators and programmers.

President Jane Burke presided over the Opening Session which included a review of the accomplishments in the past year and a look at development in the next. The latter was presented by the new Manager of Systems Development, John Kolman.

Although the weather proved unexpectedly obliging, the room reservation efforts of the host hotels were less than ideal. NOTIS is considering other Chicago-area hotels for next year's meeting to accommodate better our growing number of users.

Elsewhere in this issue is an article on the 1989 NUGM, planning for which has already begun.

NOTIS USERS HONORED DURING 1988 NUGM

NOTIS President Jane Burke recognized eleven NOTIS institutions for their contributions to NOTIS development in the past year. The user awards were announced at the Opening Session of the 1988 NOTIS Users Group Meeting (NUGM).

NOTIS libraries receiving awards this year include:

Northwestern University Library for its development of the Merged Headings Index program, now being integrated into the NOTIS general distribution software for testing;

McGill University for development of a CANMARC version of the tag table and related modifications for the online public catalog;

Vanderbilt University for cooperative development with NOTIS of multiple database access;

University of Utah for work on the 7171 and IBM 3164/OCLC M300 interface;

Florida Center for Library Automation (FCLA) for "taking NOTIS to the limit" through its support of the NOTIS library management system in a state-wide network;

Kent State University, Long Beach Public Library, St. Louis Community College, and Tulsa City-County Public Library for their service as beta test sites for bill & fine and course reserve, two major new features of Release 4.5; and

Clemson University and Indiana State University for their service as beta test sites for the VITLS feature of Release 4.5.

We would like to take this opportunity to recognize one more NOTIS site for its contribution in the past year, Brigham Young University, the beta test site for the DOS/VSE version of the NOTIS-keyword/Boolean software. Due to an unfortunate error, we omitted to include BYU in the awards announcements at NUGM. We extend our sincere apologies.

NOTIS greatly appreciates the contributions of the staff at all of the above libraries. Their long hours of hard work have contributed not only to NOTIS development efforts, but also to a better quality product that ultimately benefits all NOTIS users.

RESOURCE REQUIREMENTS FOR RELEASE 4.5

Attachment #1 reproduces a handout prepared by Jerry Specht of NOTIS Systems Engineering for a NUGM session on Release 4.5. The handout itemizes disk and processor resource requirements for the new release.

NOTISes/32 (July, 1988)
Users should note that many of the figures represent only rough estimates.

WOULD YOU BELIEVE NUGM 1989?

The 1989 NUGM Planning Committee has already begun its work for next year. The committee sponsored a session at the 1988 NUGM to discuss program suggestions, planning, possible sites other than Evanston, etc., for next year's meeting.

The committee has issued a call for papers and session presenters/moderators. Attachment #2 contains two forms for interested persons to return to the NUGM 1989 Planning Committee at NOTIS Systems, Inc.

If you would like to discuss ideas, contact your User Services Librarian.

USER NEWS USER NEWS USER NEWS USER NEWS USER NEWS USER NEWS USER NEWS USER NEWS USER NEWS USER NEWS USER NEWS USER NEWS USER NEWS USER NEWS

AUTHORITIES WORKSHOP ATTRACTS 157

A total of 157 NOTIS users and staff attended the Authorities Workshop in New Orleans on July 8, sponsored by the NOTIS Authorities Interest Group.

The all-day workshop featured sessions on the purpose and use of NOTIS authority records (Alice Pemeter, Loyola University of Chicago); architecture of the NOTIS authority record (Robert Kirby, NOTIS Systems, Inc.); creating a NOTIS authority file (Christina Meyer, University of Minnesota); a demonstration of the Merged Headings Index (Bill Garrison, Stanford University); staffing and workflow for an authorities section using NOTIS (Nancy Huns, Vanderbilt University); and techniques for the NOTIS global change feature (Grace Aigew, DeKalb-Rockdale-Newton Regional Library; Jean Caswell, Rice University; and Elaine Henjum, Florida Center for Library Automation).

NOTISes/32 (July, 1988)

Mike Kreyche of Kent State University arranged for videotaping of the workshop. Procedures for obtaining a videocassette will be announced in a forthcoming issue of NOTISes.

DIAL-UP INSTRUCTIONS FOR MINNESOTA, NORTHEAST MISSOURI

Attachment #3 reproduces dial-up instructions to access the NOTIS online public catalogs at the University of Minnesota (which has named its catalog LUMINA) and at Northeast Missouri State University.

If your library provides remote access to your NOTIS OPAC, please send the instructions to Tom McGinn, User Services Librarian at NOTIS Systems, Inc. if you have not already done so.

MODIFIED HELP SCREEN FOR MCGILL'S OPAC

McGill University has taken the option of modifying the help screens provided by NOTIS for its online public catalog. Attachment #4 shows the help screens developed for McGill's catalog called MUSE.

McGill has also developed some local documentation: a staff mode searching manual and a staff mode reference manual. These can be obtained from Jane Alkens, Systems Office, McGill University, The Libraries, Montreal, Quebec H3A 1Y1, CANADA.

CTW CONSORTIUM DISCOVERS PRINTER STAND FOR HP THINKJET PRINTERS

Michaelle Biddle at Wesleyan University Library reports that users there have found an unorthodox but practical table top printer stand for HP Thinkjet printers.

Michaelle writes: "Available from Haworth (is an item) described as a paper organizer, 2 1/2" high, 11" deep, and 12 3/8" wide. If turned upside down, (it makes a) sleek table top Thinkjet printer stand. A box of 8 costs $85 list. Our Haworth dealer gives us a 45% discount so each stand ends up costing us $6."

NOTISes/32 (July, 1988)
For more information, you can contact Michaelle at 203/347-9411 x2381 or write c/o Olin Memorial Library, Wesleyan University, Middletown, CT 06457. Haworth, Inc. is located at One Haworth Center, Holland, MI 49423; 616/393-3000; TELEX: (Haworth HOLA) 810-292-6154.

CONVERSION SERVICES NEWS CONVERSION SERVICES NEWS CONVERSION SERVICES NEWS CONVERSION SERVICES NEWS CONVERSION SERVICES

LDR LOADER, SERIAL RECORD OVERLAY, & LINKED ITEM RECORD CREATION

NOTIS Conversion Services now offers programs to load local data records (LDRs) from the OCLC Union List of Serials; a program to catch matching serial records during a data load into an existing database; and a program to create NOTIS linked item records from specific information in copy and/or volume holdings records in a NOTIS database.

For more information on these programs, see Attachment #5.

EASTON NAMED PROJECTS COORDINATOR FOR CONVERSION SERVICES

Bill Easton, formerly Senior MVS Engineer in NOTIS Systems Engineering, will assume the position of Projects Coordinator for Conversion Services later on this summer. For now, Bill is filling in as Acting Manager of Systems Engineering until a new manager is hired for that department.

Bill will have responsibility for day-to-day management of all Conversion Services projects. This arrangement allows Manager Chris Carlson more time to market the department's services, work on long-range plans, and assist in the more complex conversion projects.

DOCUMENTATION SERVICES NEWS DOCUMENTATION SERVICES NEWS DOCUMENTATION SERVICES NEWS DOCUMENTATION SERVICES NEWS

DUPLICATE SHIPMENTS OF 4.5 DOCUMENTATION

Some sites have reported receiving duplicate shipments of both technical and user documentation updates for 4.5 and duplicate shipments of the latest version of the Troubleshooting Guide and its index.

A bug has crept into the dBASE programs that Documentation Services maintains for its distribution lists. Corrective action is underway and duplicate shipments should not occur again.

Anyone who wishes to return the duplicate updates should feel free to do so. Otherwise, dispose of the duplicates as you see fit.

If NOTIS documentation contacts have not yet received the above material, call NOTIS Documentation Services at 312/866-0689.

DOCUMENTATION ALERTS

Documentation Alerts provides "early warning" information about additions and corrections to NOTIS user and technical documentation. Each item has a brief description of the problem, an "immediate" correction/addition if necessary, and an indication of when new/revised documentation will be forthcoming for interfiling into your set.

******************************************************************************

DATE: 7/14/88

PROBLEM:
The NOTIS Programmer's Reference Manual (pages RECORDS.29 and RECORDS.32) describes the NOTIS order record as containing the FUND CODE in bytes 25-34 of "A", "X", "Z", and "P" statements. This is not correct.

NOTISes/32 (July, 1988)
CORRECTION:
Bytes 25-34 of the above-mentioned statements contain the FUND
RECORD KEY, not the FUND CODE.

PLANNED DOCUMENTATION UPDATE NUMBER:
August 1988 Technical Update

***********************************************************************

DATE: 7/15/88

PROBLEM:
Chapter K11 of the NOTIS Terminal Operator's Manual,
Vol. 2: Circulation omits two system messages: PAYMENT ALREADY
ENTERED FOR PATRON TOTAL and FUNCTION NOT FOUND.

CORRECTION:
Pencil in both messages with the following explanations. For
FUNCTION NOT FOUND--You typed a bill and line function code not
known to the system; Correction: Type in a valid function
code. For PAYMENT ALREADY ENTERED FOR PATRON TOTAL--You
entered a payment code of "p" and/or typed a partial amount on
the TOTAL line of a PBIL screen and then typed a payment code
on a line for a specific bill and fine record. The system
accepts multiple payment codes on a PBIL screen only when you
type the codes on lines for specific bill and fine records.
Correction: Enter any payment applied to the total first by
using the DONE command and then type payment codes on lines for
specific bill and fine records as needed.

PLANNED DOCUMENTATION UPDATE NUMBER:
November 1988 User Update

***********************************************************************

DOCUMENTATION REVIEWERS

Attachment #6 lists all of the NOTIS users who will start to
receive draft documentation for review beginning in August 1988.
These users have agreed to provide comments on content, style,
format, etc. of draft documentation sent out by NOTIS
Documentation Services.

From time to time, Documentation Services will ask for new
reviewers. Watch NOTISes for announcements.

AD HOC DOCUMENTATION ADVISORY GROUP MEETS AT NUGM

NOTIS Documentation Services staff met with the Ad Hoc
Documentation Advisory Group for the first time on June 28th.
Members of the group include Joan Butler, University of Michigan;
Kay Flowers, Rice University; David Gregory, University of Iowa;
and Susan Markowitz, Cornell University.

Formed at the suggestion of NOTIS users, this ad hoc group acts
as an informal panel to offer advice to NOTIS Documentation
Services about the content, format, etc. of NOTIS documentation
and to react to or suggest new projects.

Discussions focused on the proposed reorganization of the user
documentation and how users actually use the NOTIS technical
documentation. The group will meet once or twice a year; the
members have agreed to serve for two years.

TECHNICAL DOCUMENTATION DISCUSSION AT 1988 NUGM

About twenty people, including members of the Ad Hoc
Documentation Advisory Group, turned out for the session on
technical documentation held during the 1988 NUGM.

Michael West, Senior Technical Documentation Specialist,
presented proposals for new approaches to the technical
documentation, summarized in Attachment #7. Users at the meeting
generally approved the proposals and made additional suggestions.

Anyone with further thoughts on the technical documentation
should contact Michael at 312/866-0130.

NOTISes/32 (July, 1988)
KOLMAN MOVES TO SYSTEMS DEVELOPMENT

John Kolman, formerly Manager of Systems Engineering, assumed the responsibilities of Manager, Systems Development on July 1. Kolman succeeds Colin Smith who has left to form his own software firm.

NOTIS President Jane Burke stated: "While I am sorry to see Colin step down, John brings excellent credentials to this critical position. I am very happy that NOTIS had an internal candidate so well-suited to the job."

Colin Smith during his tenure made significant contributions to NOTIS development efforts and played a major role in determining pricing schedules for new product offerings. He also helped to develop a local area network (LAN) using Macintosh microcomputers, an innovation much appreciated by NOTIS staff. Colin continues to work for NOTIS as an independent consultant on individual projects.

Bill Easton, formerly Senior MVS Engineer, will be Acting Manager of Systems Engineering until a new manager is hired. A job announcement appears in this issue as Attachment #8.

JOB OPENINGS AT NOTIS

NOTIS Systems presently has four job openings available as described in Attachment #8. Anmarie Uroska, NOTIS Personnel Manager, is accepting resumes for all four positions until further notice.

The openings include two managerial positions, one for systems engineering and one for marketing, as well as jobs for a BAS/CICS programmer and a technical control engineer.

Interested persons should send resumes to Anmarie at NOTIS as soon as possible. Please, no telephone calls.

SYSTEMS DEVELOPMENT NEWS SYSTEMS DEVELOPMENT NEWS SYSTEMS DEVELOPMENT NEWS SYSTEMS DEVELOPMENT NEWS SYSTEMS DEVELOPMENT

NOFA AUDIT PROGRAM (LD525) SHIPPED

As previously announced, NOTIS Systems Development has written an audit program to provide you with data from the various NOTIS records used for the online fund accounting feature. Attachment #9 explains LD525.

Many NOTIS users expressed a need for a program that could pull together various statistics as a check on the accuracy of final figures in fund records at the end of a fiscal year.

NOTIS Systems Engineering shipped the audit program on July 13-14 to all MVS sites who had requested Release 4.4.4 (NOFA fixes and enhancements). A selected number of DOS/VSE test sites also received the audit program. Contact your NOTIS Systems Engineer if you have not yet received the program.

LD525 will also be part of Release 4.5 and will eventually be covered in the NOTIS technical documentation.

PROGRESS ON THE MERGED HEADINGS INDEX

Work on the Merged Headings Index (MHI) proceeds on schedule. This new index is up and running at NOTIS and is presently being integrated into the 4.5 version of the NOTIS software. (However, MHI is still scheduled for general distribution after Release 4.5.) Systems Development will soon load a test database of bibliographic and authority records "loaned" to NOTIS by the National Geographic Society.
Current rough estimates indicate that an installation's MHI will be approximately one and a half (1 1/2) times the current size of the installation's author/title index, subject heading index, and name authority index combined.

NOTIS has scheduled MHI for release in late fall 1988 if beta testing in August/September is successful. Available in this first release of the MHI will be:

1. online updates in real time of all bibliographic and authority records' headings access points;
2. search and display of the MHI in staff mode;
3. batch programs to produce conflict detection reports on name headings, series, and subject headings in bibliographic and authority records; and
4. batch load/merge programs for using resource files such as LCSH-MARC.

Depending upon testing at Northwestern University Library (whose Information Systems Development Office has developed MHI), the MHI versions of the New and Dropped Headings Lists may also be ready for release.

Northwestern University Library currently has the MHI in production and has already run the conflict detection programs on its files.

NOTIS needs to locate suitable beta test sites for MHI, two each for MVS and DOS/VSE. Ideally, we would like to test MHI in two types of environments: one with a large file of (to quote Roberta Kirby) "fabulous" authority records and one with a not-so-large file of "not-so-fabulous" authority records. We need both situations in order to test the MHI's conflict detection programs thoroughly.

If you are interested in being considered as a test site for MHI, contact Roberta Kirby, the MHI Project Leader at 312/866-0143.

NOTIS will continue to support the author/title index, subject headings index, and authority record index in the pre-MHI configuration and functionality until the MHI has been integrated into the online public catalog programs. Eventually, MHI with its improved features will supersede the three indexes.

The MHI project does not affect any NOTIS indexes other than the author/title index, name authority index, and subject headings index.

**SHORTER NOTES FIELD FOR 4.5 PATRON RECORD**

Users should know that Release 4.5 adds the OWES field to the patron record. OWES will appear on the same line as the NOTES field. This results in a shortening of the NOTES field to 41 characters.

The OWES field needed to be prominently displayed on the patron record. The amount shown in the field is an immediate alert as to why a patron record ID might be blocked, i.e., an excessive amount of unpaid charges.

When you install Release 4.5, the OWES field will overlay any text in the NOTES field that goes beyond 41 characters. Any existing text after the 41st character will still exist in machine-readable form but will not display on the patron record screen.

Systems Development intends to deliver a program that will allow you to produce a printed report showing the patron record number and the text in the NOTES field for any patron record with text greater than 41 characters in the NOTES field. You should run this program before installing Release 4.5 if any of your patron records contain vital information in the NOTES field. You will then need to edit any vital message down to 41 characters or less.

If your library has never used the NOTES field of patron records or typically has text of less than 41 characters in the NOTES field, you may not feel a need to run this program before installing Release 4.5. However, we recommend that you do so as a precautionary measure.
LIBRARY USER TRAINING: A NEW LOOK

We've listened to your suggestions; we've compiled your evaluations; we've pooled our own knowledge and experience, and now we're acting on all of this input. As part of our continuing commitment to delivering high quality and equitable levels of service, we in User Services are revamping and enhancing the training program. Be assured that this restructuring does not alter the number of days that NOTIS provides according to your contract.

Some aspects of the training program were described in the NOTIS Customer Services Basic Support Plan in the May issue of NOTISes. This article takes a closer look at the details and is one of a series you can expect to see in upcoming issues of NOTISes.

We recognize that effective training is an integral part of successfully implementing NOTIS. We also recognize that training is not just a one or two day event that happens when we visit your site, but rather it is an ongoing process you and NOTIS continue as a team effort.

Since training doesn't and shouldn't stop when we walk out the door, we want to provide you with materials to make it easier for you to train your own staff. You can expect to receive the actual training materials for Fundamentals, including master copies of the lesson plan and handouts. We also have made an effort to give you more information up front so that you have more confidence and mastery right from the start. This will facilitate implementation and allow you to come into production more quickly.

We are integrating our training to support our integrated system. The building blocks are the Pre-Installation visit; followed by the Implementation Support visit; and module-specific training.

Pre-Installation

The purpose of the Pre-Installation visit is to prepare your library and technical staff for the installation of the NOTIS software, and to discuss your implementation plan in general terms.

Implementation Support

Building on the general discussion at Pre-Installation, the Implementation Support visit focuses on activities involved in bringing the first module into production. It includes a presentation designed to give a sound conceptual understanding of the library management software. The intended audience includes decision makers and trainers involved in bringing the system into production.

We've revised this meeting to include "hands-on" training in the Fundamentals of Using NOTIS, covering such topics as signing on and off the system, using the indexes to locate records, and creating bibliographic and item records. This session is conducted for trainers and the staff involved in data conversion. It enables your library staff to start working with the software right from the beginning, to begin developing a sense of independence, to start in-house staff training, and to maintain a sense of momentum.

With the revision of our training program we are shifting instruction in Fundamentals to your own training/implementation team. We will be supporting you by providing master copies of the lesson plan and handouts. The information covered in Fundamentals will be reviewed only briefly in module-specific training. This will streamline training and improve continuity.

The material covered during the Implementation Support Meeting (particularly the "hands-on" training) provides the information and materials to prepare the trainers for subsequent training sessions in specific modules. Our intent is that attendees at the topical training sessions will be proficient in these fundamental skills before coming to the training sessions for cataloging, acquisitions, etc.
Module-Specific

By conducting the Fundamentals training in conjunction with the Implementation Support Meeting, and eliminating it from the module-specific training, we have been able to combine the module-specific training for cataloging, acquisitions and serials into single-visit training sessions, rather than requiring two visits for each of these modules. We have also been able to incorporate new material without significantly increasing the number of training support days required for the full training program. Training in all modules requires 9 days. Specifics, including agendas and timeframes, will be in the next issue of NOTISes.

Transition

We are putting a transition procedure in place to help you take advantage of the new training program as soon as possible.

1. If you had the original implementation visit and have had the "Introductory" training for any module, you may schedule the "Advanced" training for only that module(s). You have until November 1, 1988 to schedule the "Advanced" training; after January 1, 1989 the new training program will be fully in place.

2. If you had the original implementation visit and have not had any training, you should schedule a half-day Fundamentals session in conjunction with your first module-specific training.

3. If you are one of the libraries who has had the new Implementation Support visit, you are already on our new program.

Your User Services Librarian will be working with you to assure a smooth transition.

In addition to the training provided as part of the basic support package, NOTIS User Services Group is committed to offering workshops on specialty topics. The first of these will be the Release 4.5 Orientation sessions being offered during the fall (see Attachment #10). Watch NOTISes for announcements of other workshops.

MICHAEL MIFFLIN NEWEST USL

Michael Mifflin joined NOTIS as a User Services Librarian beginning June 27th, just in time for the 1988 HUGM. Michael comes from BRS Information Technologies where he served as Regional Representative, responsible for training and marketing in the Midwest and part of Canada.

Prior to working at BRS, Michael held the position of Reference Librarian/Information Specialist for the Suburban Library System Information Service, part of a regional, multitype library network in the Chicago area. Michael is a graduate of the University of Illinois, Champaign and received his MLS from the University of Pittsburgh.

Michael can be reached at 312/866-0185.

ON THE ROAD

As you know, the summer months are among the busiest for the User Services Librarians. This year is no exception.

Ben Schapiro just returned from Kent State University where he trained and assisted in the testing of the course reserve feature of Release 4.5 during the week of July 11th. He traveled to Western Kentucky University for cataloging training on July 19 followed by course reserve training at St. Louis Community College, July 25-27 as part of the beta test for Release 4.5. August 3rd will find Ben at CUNY for circulation training followed by another circulation training session at Texas A & M and acquisitions training at the Oklahoma Dept. of Libraries later in the next week.

Dale Hood visited Southeastern Louisiana University July 13 for advanced acquisitions training and went to Tulsa City-County Public Library on July 19 to train for the testing of the bill and fine function of Release 4.5. Tulsa is a beta test site for the DOS/VSE version of the new release.

NOTISes/32 (July, 1988)

PAGE 16
Sandy Schmidt goes off to a cataloging training session at the University of Texas (San Antonio) July 26-27. She then observes at an implementation visit with Jim Miesse at the Ohio Supreme Court. Sandy then travels to Grand Valley State University on August 16-17 for an implementation visit.

Kathy Cunningham visits Bibliographic Association of the Red River for a cataloging training session on August 4.

All USL schedules are subject to change.

RELEASE 4.5 ORIENTATION SEMINARS

NOTIS User Services will offer special training seminars on Release 4.5 beginning September 15-16 and repeated on four other dates September-November 1988. All seminars will be held at NOTIS Systems, Inc. in Evanston, Illinois.

See Attachment #10 for further details.

NEW ELECTRONIC MAIL ADDRESSES

Mary Alice Ball has issued a revised list of BITNET addresses for NOTIS users and staff.

If you have additions or corrections to the list (see Attachment #11), contact Mary Alice at MABBIE@NUACC.

TROUBLESHOOTING

This column is a regular feature of NOTISes. As we encounter problems which we plan to include in the Troubleshooting Guide (Appendix E to the IGO) we list them here in NOTISes so you won’t have to wait until a new release in order to be aware of them. If you have suggestions, send them to Jerry Specht.

Note: it is our intention that you should take these troubleshooting pages and append them to the Troubleshooting Guide which you received in February, 1988. The problems have been, and will continue to be, assigned “temporary” numbers from V001-V999, so that they will be in sequence. We will periodically send out an updated index which will encompass both these problems and the ones already in the guide. Once per year we will send you an entirely new guide in which all of the problems which have appeared in NOTISes since the last publication of the guide will be integrated and assigned permanent numbers.

Problem: V074 When a recall is placed on an item, it no longer shows as charged in the patron charge index

Possible Causes: In LD005BAL insert a statement two lines after the label ACTBL so that it looks like the following:

```
ACTBL DS OCL2
  DC C'PC'
  DC C'PD'
  DC C'PR'
```

This change will be included in the 4.5 version of LD005BAL.

Problem: V075 You get a DFH0601 message "PROGRAM INTERRUPT OCCURRED WITH SYSTEM TASK IN CONTROL" (abend U0601) when you try to bring up CICS. This occurs after the journals are opened and seems to involve the PLT program DPLCA495. It is followed by an abend U0602.
Resource Requirements for Release 4.5
June 28, 1988

Disk
1. (4.4.4 change) Five bytes are added to the order scope statement (A, X or Z) for each division in each order record. For a library with 100,000 such divisions this would be an additional 500K.

2. New format of item record causes a 20-30% increase in the size of the item file (14 bytes per item record). For a million-record item file this would be 14 meg (+ 4 meg overhead = 18 meg).

3. If the Course Reserve feature is used, then roughly 450 bytes for each item on Reserve is required (132 bytes in the item record and 320 bytes of index entries). Assuming a Reserve collection which is 1% the size of the regular collection, a million-volume library might have 10,000 Reserve items requiring an additional 5 meg.

4. For the bill and fine feature, a bill and fine record (average: 100 bytes) is created upon discharge for each item for which a fine is due. (At Northwestern (with 1.5 million+ items) there are 50,000-200,000 such discharges per year.) Using a figure of 100,000 this would be 10 meg (+ 3 meg overhead = 13 meg).

A program to physically purge these is recognized as being very important and is planned.

The size of the b&f record is variable and the number of fine discharges is highly variable from one library to another. Precise data from actual production situations is not yet available.

Processor
There are 23 additional phases/load modules as part of 4.5 and there will no doubt be some increased processor utilization, increased use of GETVIS/OSCOR, etc., which will accompany the use of Course Reserve and the creation, searching, and updating of bill & fine records. These are difficult to quantify at this point. In relation to the total processing requirements for NOTIS it seems likely that the increase will be less than 5%. 

Attachment #1 Page 1
The use of Dynamic Transaction Backout (DTB) will also have a certain impact which, once again, is hard to quantify at this time.

NUGM 1989
CALL FOR PAPERS

We are now accepting proposals for papers to deliver at NUGM 1989. If there is a topic that interests you, please complete this form and return it to NOTIS by October 3, 1988. Please note that we are especially interested in any topics on networking.

NAME: ____________________________

INSTITUTION: ______________________

ADDRESS: _________________________

PHONE NUMBER: _________________

TOPIC/TITLE: ______________________

INTENDED AUDIENCE: ______________________

ABSTRACT (BRIEF SUMMARY OF SUBJECT):

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

Return by October 3, 1988 to: NUGM 1989 Planning Committee
NOTIS Systems, Inc.
2nd Floor
1007 Church Street
 Evanston, IL 60201
NUGM 1989

Plans are already underway for the NUGM 1989. We'd like to encourage as much input in the planning and participation in the meeting as possible from the users. If you are interested in participating in NUGM 1989 or helping in the planning please complete this form and return it to NOTIS by September 1, 1988.

Please indicate if you want to participate as:

- **Session Moderator** - Responsible for preparing the agenda of the session, obtaining any necessary users to be presenters at the session, submitting all materials to be printed, and moderating the event. Each session will have a NOTIS person assigned to it to help the moderator in any way.

- **Session Presenter** - Responsible for preparing a presentation as per the instructions of that session's moderator and submitting all materials to the moderator for approval and printing.

- **Discussion Leader** - Responsible for planning the agenda of the session and moderating the actual discussion; includes gathering users to participate (i.e. panel discussion members).

NAME: ________________________________

INSTITUTION: __________________________

ADDRESS: _______________________________

PHONE NUMBER: ________________________

Please indicate any suggested topics or issues you would like to see addressed, and if possible, include a suggested moderator.

Return by September 1, 1988 to: NUGM 1989 Planning Committee NOTIS Systems, Inc. 1007 Church St., 2nd Floor Evanston, IL 60201

REMOTE ACCESS TO **LUMINA**

- **Hours of Service**:
  - Monday – Friday 7 a.m. – 1 a.m.
  - Saturday 9 a.m. – 1 a.m.
  - Sunday noon – 1 a.m.

- **Telephone Number**: 626–2206

- **Cost**: There is no charge for using LUMINA and no password is required.

LUMINA is a catalog of most of the books and periodicals held by the libraries of the University of Minnesota, Twin Cities. It contains few government publications and no individual articles within periodicals. You can access LUMINA using nearly any microcomputer with a modem and appropriate software. The main requirement is that the software be able to emulate a VT 100 terminal. Software packages with this feature include Crotalk, SmartCom, ProComm, Tincan, MacTerminal, and many others. Additional parameters include:

- **baud rate**: the system will match your modem's baud rate
- **data bits**: 7
- **parity**: even
- **stop bits**: 1
- **duplex**: full
- **handshaking/flow control**: xon/xoff
- **terminal emulation**: VT 100

Check your software manual for instructions on setting these parameters and dialing the LUMINA phone number. Once you are connected to the LUMINA computer, the log-on procedure is as follows:

1. **Press [return] key**
2. **ENTER TERMINAL TYPE**: vt100
3. **Type vt100** [return]
4. **TYPE IN LUMINA AND PRESS**
5. **ENTER**: lumina
6. **Type lumina** [return]
7. **ENTER SUBSYSTEM SELECTION**
8. **CODE (SEL) : a**
   - Type a [return]

You are now connected to LUMINA. You can search by:

- **author**: shakespeare
- **title**: t=new england journal of medicine
- **subject**: s=educational psychology
- **medical subj**: sm=brain chemistry

There is extensive online help available in LUMINA. If you need further assistance in using or interpreting LUMINA, please call one of the Libraries reference desks. For assistance with software or hardware, call 626–2272.
UNION LIST SERIALS LOADER

LBC60

Libraries wishing to offload their OCLC Union List Serials records and add them to their NOTIS database can now do so with the Union List Serials Loader available from Conversion Services. Through an arrangement with NOTIS, BNA will merge the LDR's into 852 fields of the corresponding bibliographic records. These preprocessed MARC records are then ready for the LBC60 program.

Each 852 field generates one copy statement and one volume record. The holdings code is translated into locations designated by the library. The call number is put into the call number field of the copy record if it is actually a call number (i.e., it has a numeric in its first 9 characters). Otherwise, it is put into the first volume statement with the caption "SHELVED AS:". The contents of subfield v also goes into the volume record with the data being wrapped to the next line and indented to show continuation if it is longer than the screen width. Subfield y information is bracketed and added after subfield v information. Notes are added at the end.

The serials loader package includes the serials overlay programs to facilitate the updating of the database. Serials overlay separates the incoming records into matching the database and non-matching the database records (see Serials Overlay document). The overlay can be purchased separately.

Generally, the Union List Serials Loader does not need customization. For those libraries with special data problems, Conversion Services does offer customization of the program. A questionnaire is available upon request.
SERIALS OVERLAY

Serials overlay works similarly to the generic overlay (see Generic Overlay document) with one major difference - incoming records matching the database are separated from incoming records which have no matching record in the database. This provides more flexibility for a library during the updating process. Some libraries consider matching records to be errors and others consider nonmatching to be errors. For either type, separating the matches from nonmatches provides control options in updating.

When an incoming record has processed through the conversion program and turned into a NOTIS formatted record, it is then matched against the database using the standard number index (typically the OCLC number). If a match occurs, the bibliographic portion of the record is written to the BIBMOD file. The holdings can be ignored or merged with the holdings already existing in the database to create a new holdings record written to HLDMOD (the library chooses which option when it runs the program). Nonmatching bibliographic records are written to the BIBNEW file and their holdings are written to the HLDNEW file.

At this point, the database has still not been updated. The last part of the job stream is where the library makes the decision which of the 4 files containing the matching or nonmatching records they want to use in updating the database. All 4 can be used or any combination of them. Thus the flexibility of the program.

The Serials Overlay program also writes out all records in the database which match a record coming in through this job stream. The library can, if it wishes, archive this file.

If you would like more information about Serials Overlay or if you would like to order it, please call Conversion Services at NOTIS Systems, Inc.

JUNE 28, 1988
CONVERSION SERVICES

LINKED ITEM RECORD CREATION

LD08X

LD08X is a specialized program designed to create linked item records from specific information in copy and/or volume records in the NOTIS database. Because LD08X is such a specialized program, extra care is necessary when building copy and volume information to prepare for linked item record creation. Typically, this is done during the customized conversion process.

LD08X operates off a trigger (id=) found in subfield a's of copy notes or volume holdings statements. Other information can be in the subfield but ONLY if it meets the strict conventions of the program.

Typically, a bar code follows the trigger. When this is the case, the bar code will be transferred to the linked item record and it will also be removed from the copy or volume record. In cases where the library does not have bar codes, the trigger can be followed by a dummy bar code (9999). LD08X will still create a linked item record but will not put any thing in the bar code field. LD016 can be used later to assign a bar code to the item record. LD08X will remove the trigger and dummy from the copy or volume record.

If you wish more information about LD08X or if you wish to place an order for it, please contact Conversion Services at NOTIS Systems, Inc.
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POSITION: MANAGER - MARKETING

RESPONSIBILITIES: Participation in setting the marketing strategy of the organization; recommending pricing for the products and services; promoting NOTIS in the marketplace through literature and press releases; supervise the marketing staff; developing the sales techniques of the staff; coordinating demonstrations of NOTIS at prospective customer sites; planning, budgeting and forecasting revenue for the marketing activities; and coordinating production of RFP's and FRI's.

REQUIREMENTS: MLS degree or equivalent experience in an information science setting; minimum 2 years in marketing/ market research capacity, preferably marketing automated systems; minimum 2 years demonstrated managerial experience; excellent verbal and written communication skills; and ability to travel 40% required. MBA or half the course work towards MBA in marketing, is highly preferred.

POSITION OPEN: Until filled.

CONTACT: Annmarie Utroska, Personnel Manager (no phone calls, please)
POSITION: BAL/CICS MACRO PROGRAMMER

RESPONSIBILITIES: To handle the production and debugging of S/370 BAL code working in an on-line CICS environment. Program from specifications in CICS macro and command systems.

REQUIREMENTS: 3 or more years proven success in development of new software in a CICS/BAL environment using 370 BAL and CICS languages, be a self-started, a quick learner and have a track record of successful development through the full project cycle.

POSITION OPEN: Until filled.

CONTACT: Annmarie Utroska, Personnel Manager (no phone calls, please)

POSITION: TECHNICAL CONTROL ENGINEER

RESPONSIBILITIES: Is responsible for high quality technical control of NOTIS software development environment; writes and administers technical standards for software design and engineering; publishes guidelines for external NOTIS software developers; administers source code control system; administers disk backup and utilization procedures; does capacity planning for mainframe systems; has in-depth knowledge of hardware and software and shares it via support and training for others in the department; interfaces directly with systems programmers and/or does systems programming tasks such as generation of new system software releases, hardware and systems software troubleshooting; hardware and software configuration and installation; security administration, etc.; and reviews and approves code implementation for quality of backup/restore processing, performance and data integrity.

REQUIREMENTS: B.S. in computer science or equivalent work experience; 3 or more years of systems software support experience; attention to detail and organization; knowledge and experience of IBM mainframe software control systems; in-depth knowledge of IBM assembler language and CICS; systems programming experience, especially capacity planning, data center operations and IBM operating system generation, required. Experience with structured programming and design methodologies, microcomputer systems and high level languages are highly desired.

POSITION OPEN: Until filled.

CONTACT: Annmarie Utroska, Personnel Manager (no phone calls, please)
POSITION: MANAGER - SYSTEMS ENGINEERING

RESPONSIBILITIES: Supervise a staff of Systems Engineers responsible for software installation and customer technical support; provide planning and budgeting for the department; provide new product service and development; develop new service standards; and conduct pre-installation meetings with new clients.

REQUIREMENTS: BA/BS degree or equivalent and 6 years of data processing experience including 2 years of managerial experience and 2 years of experience in an IBM mainframe environment; experience with CICS, VSAM and Assembler; and excellent written and verbal communication skills, required. Knowledge of libraries and customer service experience are highly desirable. Position requires approximately 15-20% travel.

POSITION OPEN: Until filled.

CONTACT: Annmarie Utroska, Personnel Manager (no phone calls, please)

1. PROCESSING SUMMARY

LD525JOB produces reports of (1) commitments matched to fund records, (2) expenditures matched to fund records, (3) order commitments with no matching fund record, (4) invoice payments with no matching fund record, (5) invoice expenditures with a matching fund record but no matching expenditure-by-class code, and (6) a report of errors other than those covered in reports 1 through 5. Most errors which result in termination of processing are noted in report 6. The job may be run whether or not order records have been converted (through LD840JOB) to contain fund fiscal year information -- a local variable NTORTYP in program LD525BAL must be set before assembly to determine whether fund audit processing is to expect that the fund fiscal year will be stored in the order record.

2. FUNCTIONAL DESCRIPTION

LD525 is a multi-step job. Fixed-file extract records for fund, order and invoice records from desired processing units are obtained through a run of program LD500. Fixed-file records are then pared down to the minimum number of useful records in an E15 exit (program LD520BAL), encoded by type of record (again in E15), sorted, and the encoding byte deleted in an E35 exit (LD521BAL). The selected and sorted fixed-file records are input to program LD525, which produces fund audit report records of 135 bytes, followed by a single byte to identify report type. A second sort orders the report lines by type of report and deletes the report identifier byte. In MVS, the sort output is routed directly to a print queue. In DOR, the sort output is written to disk, and a final utility program (LD523BAL) reads the disk report file and writes it to a print file.

3. JCL DESCRIPTION

The job stream consists of the following steps.

(1) A run of LD500 to extract fund, invoice, and order records from those processing units for which a fund audit report is desired. Refer to LD500JOB for parameters necessary to choose appropriate processing
units for fund, invoice, and order extract files. Depending on DOS assembly or MVS JCL DD information, the output for this step may be tape or disk. In a production environment of reasonable size, tape may be preferable, since many extract records will be created from one invoice or order. (MVS JCL is set for disk, DOS for tape, at distribution from NVTIS.)

(2) A sort of the fixed-file extract records. LD520BAL, an E15 exit, will delete record types not needed for processing by program LD525BAL, and will code records as fund, invoice, or order. Sort will arrange records by processing unit, and within processing unit by record type (first fund, then order, then invoice), and within record type by record key. LD521BAL, an E15 exit, deletes the byte added by LD520BAL to identify record type. By JCL and sort options, input and/or output may be tape or disk. Again, tape may be preferable in a large environment or if disk space is very tight. The input file will, however, be deleted upon successful completion of the step.

(3) A run of LD525 to produce fund audit report lines of 133 bytes, plus a 134th byte to identify type of report. Input and output may be tape of disk, as preferred locally. The output to LD525 will not typically be large and should not be a problem on disk even for a site which is tight on space. The input file will be deleted upon successful completion of the step.

(4) A sort of fund audit report records created by LD525 to produce the 6 different reports and to delete the 134th byte (record identifier). MVS output is routed directly to print (job ends here in MVS). DOS output is a disk file. Input is both cases is deleted upon successful completion of the step.

(5) (DOS only) LD523BAL writes the sorted report on disk to SYSLEST. The file will remain until deleted by the local site.

4. OPERATIONS

General instructions: LD525JOB may be run at any time upon request from library staff for fund audit information.

Interactive Program/Job Details: Step 1 of LD525JOB reads online fund, invoice, and order files, but no updates are performed, so CICS need not be affected.

5. RESTART PROCEDURES

LD525JOB may be restarted in whichever step an abend occurs. Be sure to read report 6, however, for conditions which may prevent further processing.
NOTIS USER SERVICES GROUP
RELEASE 4.5 ORIENTATION SEMINARS

The User Services Group will offer special 4.5 implementation support and training sessions at NOTIS Systems, Inc. The group will offer these special orientation sessions from September through November 1988.

4.5 training at NOTIS will include:

**Implementation Planning**
- Review of new features and functions available with 4.5
- Discussion of tables changes
- Discussion of implementation issues
- Review of documentation

**Hands-on Training**
- Brief review of current functions, features and procedures affected by the release.
- Basic level training in the 4.5 functions and features.

**Schedule**

Day 1: Course Reserve; Bill & Fine

Day 2: Keyword/Boolean; VITLS; FY/ORC005; OCLC/IBM; Block Renewal; Overlay Programs

These special support programs are designed to make your implementation of 4.5 go smoothly and efficiently. They are aimed at meeting the needs of decision-makers and trainers responsible for NOTIS. We encourage you to take advantage of these new programs.

Attendance for each class is limited to 6 trainees, so register early to ensure a space. Please use the form on the bottom of the seminar description when registering. Registration will be on a first come first served basis. No telephone registrations will be accepted.
RELEASE 4.5 ORIENTATION SEMINARS

TOPICS:
Bill & Fine
Course Reserve
UTILS
Keyword/Boolean

LOCATION:
NOTIS Systems
Training Facility
Evanston, IL

DURATION:
2 day course

COST:
$600 until August 31
$750 if postmarked September 1 or later

WHEN:
September 15 - 16, 1988
September 29 - 30, 1988
October 13 - 14, 1988
October 27 - 28, 1988
November 10 - 11, 1988

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RELEASE 4.5 ORIENTATION SEMINARS

Name ______________________ Title ______________________
Organization ______________________
Mailing Address ______________________

Dates: 1st Choice ______________________ 2nd Choice ________________

Please copy and complete one form for each attendee. Mail with payment to Ms. Cassandra Gibson, NOTIS Systems, Inc., 1007 Church St., Evanston, IL 60201-3662. Registrations will not be accepted without payment.

---

NOTIS Systems, Inc.
2nd Floor
1007 Church Street
Evanston, IL 60201-3622
June 1988

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Unless otherwise specified, BITNET addresses are used. Please send corrections or additions to Mary Alice Ball at NOTIS.

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July 1988

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Dean Bennett (Serials) DB
Janet Bischoff (Music) JXB
Douglas Gould (Circulation) DAG
Charles Hatch (Systems) CAH
Gloria Jenson (Authorities) GDJ
K. Paul Jordan (Technical Services) KJR
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<tr>
<th>Oklahoma Department of Libraries (VSE)</th>
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<td>Beverly Jones (Planning)</td>
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<th>Public Library of Des Moines (MVS)</th>
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<td>Lorna Truck (Extension Services)</td>
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<td>Wilma Bernabei (Systems)</td>
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<td>Jardine Donald (System)</td>
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<td>Margot McBurney (Chief Libr)</td>
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<td>Kay Flowers (Systems)</td>
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<td>Carol Anderson (Circulation)</td>
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<td>Sherilyn Bird (Authorities)</td>
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<td>Thelma Elkins (OPAC)</td>
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<td>Rhonda A. Johnson (Systems)</td>
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<td>Carolynn Kacena (Director)</td>
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<td>Michael Stephens (Systems)</td>
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<tr>
<td>Greg Burriss (Computing)</td>
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<td>John Province (Computing)</td>
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State Library of Pennsylvania (MVS) ALANET
Ruth Coble (Technical Services) ALA0808
Scott Fones (Computing) ALA0808
David Hoffman (Director) ALA0808
Doug Ilgenfritz (Computing) ALA0808
Alice Lubrecht (Reference) ALA0808
SUNY---Binghamton (MVS) BINGVB
Andy Perry (Systems) APERRY
SUNY---Stonybrook (MVS) $BSCMAIL
Joe Cavanagh (Systems) JCAVANAG
Donald Cook (Systems) DCOOK
Charles Simpson (Technical Services) CSIMPSON
Texas A & M (MVS) TAMVM1
Anne Highsmith (Systems) K026AH
Tulane University (MVS) L8G021L58TCSMUSA
Lewis Cartee (Systems) DEVBKJ5G8TCTSTSO,TULANE.EDU
Karin Generargas (Computing) LB041L58TCSMUSA
Cindy Goldstein (Medical, T. S.) SYSGBDH8TCTSTSO,TULANE.EDU
Thomas Holliday (Computing) LB041L58TCSMUSA
Philip Leinbach (Director) LB011L58TCSMUSA
Bryan McWilliams (Computing) OPHRM8M8TCSVM
Marie Morgan (Cataloging) LB011L58TCSMUSA
University of Delaware (MVS) UDACSVM
Susan Brynteson (Director) ALA0611 (ALANET)
Stuart Gloff (Systems) EP027855
Carol Hirt (Systems) EP024908
Madalene Masso (Computing) EP005847
Sue Ulrich (Technical Serv. & Systems) ALA1637 (ALANET)
University of Florida, Gainesville (MVS) NEKVM
Tom Kinney (Systems) CYZEU32
Suzy Shaw (Systems) CYZEU31

University of Illinois at Chicago (MVS) @UICVM
Ray Deutsch (Systems) U43644
Harriet Gorny (Computing) U35049
Nancy John (Systems) U31452
William Jones U11218
Jay Lambrecht (Cataloging) U16584
Beverly Lynch (Director) U195902
James Mow (Acquisitions) U40028
Louis Schultheiss (Systems) U12220
Michael Sperber-McQueen (Computing) U18189
Stephen Van Houten (Medical, Cataloging) U13436
Ann Weller (Medical, Serials) US0534
George Yanos (Computing) U08208

University of Iowa (MVS) @UIAMVS
Donna Hirt (Systems) CADH1RPG

University of Louisville (MVS) @ULKYVM
Martha Bowman (Director) MAB0M01
David Carlson (Systems) DMC5C01
John Loran (Computing) JALORAO1
John Miles (Computing) JHMILO1
Calvin Miracle (Systems) CBMRK901
Judith Miles (Technical Services) JFNF801
Joyce McDonough (Acquisitions) JGMCDO01

University of Michigan (VSE) @um. cc.umich.edu
Kathleen Bergen (NOTIS Implementation) Kathleen Bergen
Joan Butler (NOTIS Implementation) Joan Butler
Rebecca Dunkle (NOTIS Implementation) Brenda Johnson
Brenda Johnson (Systems) JrNDR00
Robert MacDonald (NOTIS Implementation) David McDonald
Robert MacDonald (Systems) Don_Flapping
Snow Plantinga (Systems) Phyllis_Valelne
Phyllis Valentine (Systems) Jack_Weigel

University of Minnesota (MVS) @UMADMIN
Charlene Mason (Systems) TCFMNO
Chris Meyer (Cataloging) TCFNHO
Paul Vitko (Computing) TFAVO

University of Notre Dame (MVS) @IRISHMVS
Robert Konick (Systems) AR5FSLN
Robert Wittorf (Systems) AX46LY
Distribution Lists for NOTIS

A few NOTIS installations have set up distribution lists on Bitnet to discuss issues related to implementing an integrated library system. Brigham Young University has the longest running list; Tulane University has a list that discusses both NOTIS and DOBIS; Yale has two lists dealing with ALA support for PCs (YTerm) and Apple Macintoshes (TinCan); SUNY Buffalo has a list for music librarians.

If you have difficulty subscribing to any of the lists, send a message to MABBI@NUACC for assistance.

Brigham Young University

Send a request to Kal Larsen (KAL@BYULIB) to be put on the distribution list for NOTIS.

SUNY Buffalo

1) Send a Bitnet message to LISTSERV@UBVM
2) Your message should be:
   SUBSCRIBE NOTIS-L YOUR FULL NAME
3) Type SEND at the command level
4) Hit the ENTER key

Tulane University

1) Send a Bitnet message to LISTSERV@TCSVM
2) Your message should be:
   SUBSCRIBE NOTIS-L YOUR FULL NAME
3) Type SEND at the command level
4) Hit the ENTER key

Yale University

1) Send a Bitnet message to LISTSERV@YALEVM
2) Your message should be:
   SUBSCRIBE YTERM-L YOUR FULL NAME (or)
   SUBSCRIBE TINCAN-L YOUR FULL NAME
3) Type SEND at the command level
4) Hit the ENTER key