NOTISes

For users of NOTIS library information systems

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New Circulation Module Changes its Direction

I n December's *NOTISes* we announced a new direction for the circulation module. In the lead article, NOTIS announced that all new programming for circulation, beginning with Release 5.2, would be coded in the C language. The reaction to this announcement was not supportive of this change. We received feedback from a focus group of data processing directors, Team NOTIS, your letters, and numerous customer meetings.

The C language support modules for CICS are only available with ESA versions of the operating system. Many sites would incur enormous expenses to upgrade to ESA versions of MVS or VSE. Given the tight budget situations that exist today at all of our customer sites, we have reluctantly decided to not code the online (CICS) portions of LMS modules in the C language.

NOTIS will not be coding CICS modules in the C language for the foreseeable future. Support of the C language in a batch environment does not require an operating system upgrade. We have not yet made a language decision for the batch components of circulation. We are considering an assembler/SAS combination or C for these routines. Future *NOTISes* will have more details.

The decision to abandon using C in the CICS portions of circulation was a hard one to make. We anticipated substantially improved functionality due to improved programmer productivity. Programming in assembler is costly both in programmer and testing resources. When we weighed your functional needs against the severe budget constraints most sites are experiencing, we decided against requiring C support. ■

IN THIS ISSUE

BULLETIN

NUGM schedules are on page

16–18!!

NOTIS NEWS

MDAS 1.3 Download Protocols

Release of MDAS 1.3 allows you to download bibliographic data. Both CICS/Kermit and CICS/IND$FILE file transfer programs will be supported for this enhancement. Kermit is a product developed and maintained by Columbia University. IND$FILE (or 3270/PC File Transfer Program) is offered by IBM. We believe that this combination of CICS/Kermit for Asynchronous configurations and CICS/IND$FILE for Synchronous configurations should serve most of our customers, regardless of their PC/Mainframe communication setups. Columbia's Kermit code will be supplied as a part of the MDAS 1.3 release; although NOTIS will not modify it in any way. If you need to use the CICS/IND$FILE program, you will have to purchase it directly from IBM. The program number to make this purchase is 5798-DQH.

Information on MDAS' functionality is on page 4 of this issue. ∎

Why Change the 5.0.2 Index?

We designed the 5.0.2 index to enable the OPAC user who is searching prolific authors to locate either the authorized version of a title (240) or the title proper (245) in the case of the 1XX/240/245. Unless they are catalogers, most end-users do not understand the concept and structure of the uniform title.

Therefore, we decided to include the ability to search for the 245, which was suppressed in the OPAC display of the MHI in the case of the 1XX/240/245 combination. We consciously changed the index display in Release 5.0.2 to enable patrons who are unfamiliar with the meaning and structure of uniform titles to have another means of accessing information (in other words, by the title proper).

We do not want to deny access to patrons who are unfamiliar with the sophisticated manner of searching uniform titles.

A recent message on Bitnet described a concern about this change. The sample search s=Mozart from the April 23, 1992 Bitnet message clearly had problems; however, these problems stemmed from a bug in the software, which we have corrected.

The present subject guide screen display provides for a logical ordering of subject headings: first, books about Mozart; next, books about Mozart with subject subdivisions; and finally, books about Mozart's works. At this time, NOTIS is not considering any further changes to the MHI index. ∎

Problem after hours? No problem!

You can call a systems engineer to help you resolve your technical problems Monday through Friday from 7:00 a.m. to 7:00 p.m. (CST). From 7:00–8:30 a.m. and from 5:00–7:00 p.m., the system engineer on duty will handle incoming calls in correlation with the voice mail system. Simply call Customer Services at (708) 866-1100.

Time for the New 1992–93 NOTIS Customer Directory

We want to know all about you. We are currently gathering new and revised information from all NOTIS customers to publish in the 1992-1993 NOTIS Customer Directory. Over the years, the directory has served as a valuable reference book particularly to our customers. Please return your customer profile sheet to Documentation Services by July 15, to help us print up-to-date information on your organization. Whether you mail it in or fax it to us at (708) 866-0178, we want to hear from you! ∎

NOTISrv: Questions and Answers

Q: There seems to be an overlap between NOTISrv and BitNet. What is the relationship of these two services?

A: BitNet is a means to communicate within the NOTIS user community. Through the NOTIS-L forum, it provides for the exchange of ideas and suggestions on how to make the most efficient and effective use of the Library Management System facilities. The interactions are entirely among the users, though Customer Support Services (CSS) does "listen in," and makes verbal contact, where appropriate. In addition, CSS has an individual address, NOTIS@TWAIN.NOTIS.COM, to which the users can address non-emergency questions.

NOTISrv, on the other hand, is a vehicle for disseminating information to the user community. It allows the user, at his or her leisure, to review the latest problem reports and solutions. (This will not replace the Support Solutions section of *NOTISes*, but will make the information available more immediately.) Questions can also be addressed to SUPPORT.

In addition, there are a few NOTIS users who do not have access to BitNet. NOTISrv is open to all users.

While questions can be left for CSS through either instrument, situations of a more demanding nature should be called in to NOTIS Direct.

Q: At what speeds can I communicate with NOTISrv?

A: All modems on the system are v.32 compliant, with v.42bis and MNP 5 compression. Therefore, all speeds, up to 9600 baud are supported. (The HST protocol, used by USRobotics equipment, however, is not supported at high speeds, but will communicate at 2400 baud.)

Q: Which communications packages are supported?

A: Within NOTIS Systems, we have only tested Telix, ProComm, ProComm+, and SmartCom using VT100 emulation. Any communications program that supplies true VT100 emulation should also work. Other terminal types are supported by the UNIX system, as long as the emulation is true to the terminal type.

Q: In the manual it says to use the assigned account and password, but there weren't any with the manual.

A: The cover letter that accompanied the manual instructs you to use the account "GUEST" the first time you log in (no password is required). The system will then have you fill out a form with data appropriate to your organization. The system administrator will review these forms, create the accounts, and send out the permanent account and password information.

Q: If I have any problem using NOTISrv, how will the service be supported.

A: NOTISrv will be supported through NOTIS Direct (708-866-1100). ∎

MDAS 1.3: Enhanced Print and Download Functionality

I n MDAS Release 1.3, NOTIS is providing greatly enhanced functionality for printing and downloading records.

PRINT Specifications

We designed this enhancement to allow patrons to print multiple records and to achieve more flexibility for printing bibliographic information. The current (MDAS 1.2) Print option causes a single citation to be printed, in a standard citation format only. This print option contains Holdings information and will continue to be available.

However, with the enhanced Print option, additional Brief and Long versions of the Print will be available (similar to the Brief and Long versions of the VIEW). The 'old' Print format will continue to be available as an option. Additionally, newly defined Brief and Long options will be available. Also, from the Index display, we are introducing the capability to print multiple records, and, again, the various print 'options' will be available for this multirecord printing.

Information you print for the Long and Brief versions of the Print command will be governed by the values in the LSYS and MSYS control files. The System Administrator can modify these definitions in real time. Currently, there are no plans to include Holdings information in the Brief or Long version of the Print command.

Three options exist for the format of the print command. Format, in this case, refers to the information that will be printed and how it will be printed. The MDAS 1.2 print format will be called 'BASIC'. You can define two additional options for the print format: BRIEF and LONG. You can modify the BRIEF and LONG format options dynamically through the MSYS and LSYS system control functions; however, the BASIC format will be hard-coded, and may not be altered.

The system will automatically default to one of these print formats, but the default format is a modifiable value. The print format default will be set to BASIC when the system is delivered, but the system administrator can define it at the terminal level through NSYS. The patron can use the SET PRINT command to modify the print format for the session, but it will be reset with Start or time-out.

At the system level (NSYS), the maximum number of records that can be printed per PRINT command is indicated. PRINT will be a footer option on the Index screen, as well as BIB and HOL displays (as is currently).

Command Parameters: PRINT command

The command syntax is as follows:

PRINT: in BIB or HOL display, this command automatically prints this record.

PRINT n: from the Index display, this command prints record 'n' (n corresponds to the number in the index).

PRINT x-y: from the Index display, all records numbered x through y are printed.

PRINT a b x-y z: from the Index display, all records numbered a, b, z, and x through y are printed.

PRINT ALL: from the Index display, send all records to be printed. Verify that it does not exceed the maximum number for printing.

MARK/SEND Specifications

We designed this enhancement to allow patrons to 'mark' records that can be downloaded to a personal computer from the mainframe. The KERMIT file transfer protocol will be used for the download and is invoked through the KERMIT/370 CICS transaction.

Two new commands accomplish this: MARK and SEND. The MARK command causes a 'MARK stack' to be created as the user 'marks' records. After marking records, the SEND command looks for the stack and displays a message or confirmation, which indicates that the download is taking place, or that an error exists. The MARK stack enables multiple records to be downloaded by storing the information necessary to retrieve the data desired for the download.

Currently, no plans exist for downloading holdings information, only Bibliographic information will be sent. Two options exist for Sending: LONG and BRIEF, with a default option specified at the system level through the LSYS utility. The long/brief option allows the patron to change to a different option, and once altered, it will remain in effect until it is manually changed, or Start/Stop or time-out occurs. You can alter the option by using the SET SEND command.

You can define a maximum number of records to be marked at the system level. MARK will be an available footer option from the BIB and Holdings display, and any Index screens.

Command Parameters: MARK command

The command syntax is as follows:

MARK: in BIB or HOL display, this command automatically places this record's key in the stack. This version of the command (with no scope parameters) is not operational from the INDEX display, as it would require operands. Causes an error message if the MARK stack is full.

MARK n: valid only from the INDEX display, this command places n's key (n corresponds to the Index number) in the stack. This command causes an error message if the MARK stack is full.

MARK x-y: all records numbered x through y will have their keys entered into the stack—can only be executed from an Index display. This command causes an error message if the MARK stack maximum is exceeded when this command is executed; no records will be marked.

MARK x y a-c z, etc.: all records indicated (x, y, a, b, c, z) will have their keys entered into the stack—only executed from an Index display. Allows 'stacking' of operands and requires parsing.

MARK ALL: the keys to all records in the current Index are added to the stack, only if currently in an Index display; and only if the number of records in the Index, when added to the MARK stack does not cause the system max to be exceeded for the stack.

SEND command

The SEND command, issued from any screen, displays a message describing how many records are going to be sent, and asks the user to confirm by pressing <ENTER> to download the records. If there are no records in the MARK stack, this command is not allowed.

The command syntax is as follows:

SEND: from any display, asks you to confirm send request. When submitted, invokes KERMIT download. No parameters are allowed.

SET Specifications

The SET command alters the default format for the PRINT and SEND commands. The default is set in the NSYS utility and is carried at the terminal level. You can issue this command at any time during a session and it will alter the default until the command is issued again; or a Start or time-out occurs. The SET command is now valid, but two new Set operations will be introduced: SEND and PRINT. Each of these has specific operands that identify the characteristics to be altered.

Unlike the SET HOLDINGS or SET CATALOG commands, which place the user into an intermediate screen when the SET SEND or SET PRINT command is issued without appropriate parameters, the EXPLAIN SET screen will be 'dropped into'. The Explain Set screen is user-defined in both MSYS (for MDAS) and LSYS (for OPAC).

Command Parameters: SET PRINT command

The command syntax is as follows:

SET PRINT [LONG/BRIEF/BASIC]: You can define three options for the print format, BRIEF, LONG, and BASIC. The default is set to BASIC when the system is delivered, but the system administrator can define it at the terminal level through NSYS. The SET PRINT command can modify the print format for the session, but will be reset with Start or time-out.

Command Parameters: SET SEND command

The command syntax is as follows:

SET SEND [LONG/BRIEF]: You can define two options for the Send format, BRIEF and LONG. The default is set to Long when the system is delivered, but the system administrator can define it at the terminal level through NSYS. Use the SET SEND command to modify the download format for the session, but it will be reset with Start or time-out. Because a MARK stack is created prior to the SEND command, each marked record will have an associated 'Send format'. For this reason, this command must be issued prior to Marking the records that are desired in this format. ∎

A New Way for You to Keep Score

The Customer Support Services Department is pleased to unveil our new Support Scorecard. The Scorecard measures response time, resolve time, expertise, status, and professionalism. The purpose of the Scorecard is to monitor our performance and report to you each month in *NOTISes* how we are doing.

In the 1991 Customer Satisfaction Survey, you identified the service areas we need to to be measuring. Since the results of that survey, we have been reorganizing how we handle phone support, quantifying goals for levels of service, and revising our tracking procedures to enable us to gather statistics on performance.

The Scorecard in this issue of *NOTISes* contains the identified key service areas and the quantified levels of service. At the end of May, we will do our first statistical analysis and will complete the Scorecard with the actual performance levels in the July issue of *NOTISes*.

The Scorecard is our way to concretely measure our efforts. The Scorecard is intended to be a clear, concise vehicle both to keep us focused on the areas you have identified and for you to see exactly how we are improving.

Feel free to let us know what you think by calling us at (708) 866-1100. The Support Scorecard is printed on the next page. ∎

Customer Support Services Selects a Star

In May, Jerry Specht became a star. Customer Support Services initiated a new internal award to recognize a staff member's contribution to his/her coworkers. The Star Award takes its name from the Software Technical Assistance Recognition (STAR) Award, which was presented to us in December by the Software Support Professional Association.

Each person in Customer Support Services nominated the coworker who best met the following criteria:
- Team Player
- Positive Attitude
- Responsive
- High Level of Expertise
- Provides Status
- Resolves Issues
- PTS Documentation
- Problem Solving Skills/Creative Thinking
- Proactive

We selected Jerry by an overwhelming majority. Comments about Jerry included:

"Jerry's depth of knowledge makes him a valuable resource not only for his team, but the department and company as a whole."

"He is very thorough and always follows through, making sure that when helping someone with a problem, they are able to resolve it to full customer satisfaction."

"He is always willing to share his knowledge with the engineers and librarians."

"He's always positive. Basically, he exudes all the criteria mentioned above."

We derived our criteria for this award from what you, our customers, have said you want from NOTIS support. We want you to know that we are applying these same standards internally to make sure we are focused in the right direction. To ensure we stay focused, we will issue this internal award quarterly.

You will also have an opportunity to select your Star Support Person. Look for nomination forms in August or September. ∎

SUPPORT SCORECARD

The NOTIS Systems, Inc. Support Scorecard provides a monthly update of our service level commitments to you, our customers. Our service is measured by clearly defining our goals and monitoring our performance.

Key Service Area	Goal	Actual
Response Time		
Immediate—95% of all incoming calls	95%	
Hold Time—Average is less than 2 minutes	2 minutes	
Resolve Time		
Initial Call—50% resolved on initial call	50%	
Level 2—80% resolved or passed within 5 business days	80%	
Status		
Written—provide Customer Service Review Committee status within 2 business days of review	100%	
Monthly—provide 70% of customers with monthly status of open problems	70%	
Expertise		
Training—120 student hours in training, consulting, and research per month.	120 hours	
Professionalism		
Staff—customer feedback of staff professionalism of 4.5 on a 1 to 7 scale.	4.5	

Team NOTIS Meets Again

By Michael Seadle, Cornell University and Paul Asay, Indiana State University

The NOTIS Technical Advisory Committee (Team NOTIS) met for the second time on Wednesday May 13 to discuss three major issues:

1. Customer Support Services
2. Long-term development
3. New products and services

The agenda combined suggestions from Team NOTIS members and NOTIS staff. Requests for discussion time from NOTIS departments outstripped the number of slots available even though the schedule began with a 7:15 breakfast meeting.

The members of Team NOTIS are generally well known to NOTIS-L subscribers and NUGM attendees. They are:

- Paul Asay—Indiana State University
- Alan Alexander-Manifold—Purdue Univ.
- Timothy Prettyman—University of Michigan
- Michael Seadle—Cornell University
- Leigh Williams—Steven F. Austin University

As part of Team NOTIS, members tried to speak less as representatives of their sites, than as advisors helping NOTIS to continue to produce quality products and support. The focus was not on immediate bugs, but on future solutions.

Customer Support Services

Carole Norris, Manager of Customer Support Services and the creator of Team NOTIS, asked how NOTIS could improve its support services and the perception customers have of them. Team NOTIS members recognized that support services have improved significantly in the past year.

At this meeting, Documentation Services demonstrated a new bulletin board service that lets Tech1's dial in to search the problem database and download fixes. Team NOTIS recommended Internet access for the bulletin board. That should be in place late this year.

Another initiative is cooperative problem solving between NOTIS Support Services staff and Team NOTIS members, particularly for products

such as GTO and VTLS where NOTIS cannot easily reproduce the types of problems that occur in a production environment. In April, for example, Cornell assisted with an RLIN-GTO problem where experience with RLIN PCs and RLIN terminals was a critical element.

Team NOTIS also recommended that NOTIS make greater use of NOTIS-L to communicate with its customers. NOTIS staff were concerned that subscribers would feel that greater participation was an intrusion, but Team NOTIS thought most would welcome additional informational postings.

Long-Term Development

Team NOTIS members added this issue to the agenda because tight funds in higher education have forced many customers to plan for changes well in advance. John Kolman and Maribeth Ward discussed the company's strategic plans, and were frank in talking about the dilemma of wanting to communicate as much information as possible to their customers without, however, undermining critical marketing opportunities.

It became clear from discussions that NOTIS' new parent company, Ameritech, is providing development capital and support for major improvements. NOTIS is looking at architectural changes with distributed processing and standardized interconnections that should give customers greater flexibility as well as allow for new features.

John and Maribeth also opened the topic of benchmarking new releases for performance testing. Discussion centered on beta and early release sites providing statistics available on response time, along with specific hardware/software used at these sites. Team NOTIS would then assist in reviewing and publishing the performance data.

Products and Services

Conversion Services staff asked Team NOTIS about a new product called QuikReports. This is

not a report writer, but a set of basic reports for sites that have neither SAS nor any other report generator. Members described reports they used routinely and suggested looking at NOTISPRO for other ideas.

The Release Integration and Distribution department staff also talked about their plans for further standardization of the installation process (something welcomed by all), and asked about how to make the installation instructions more useful. Team NOTIS suggested putting the instructions in machine-readable form on both the install tape and the new bulletin board. This would give Tech1's the option to print the documentation or search for it online for key terms.

Next Meeting

Team NOTIS plans to meet again in July, and will meet with the chairs of the MVS and VSE special interest groups at NUGM in October. ■

The Authority Notification Package

A New Product from Conversion Services

Conversion Services is introducing a new product called the Authority Notification Package, to be available in the fourth quarter of 1992. This package consists of a series of programs that enables libraries subscribing to Blackwell North America's Notification Service to incorporate new and updated authority records into their databases.

The first of the series of programs is designed to pre-process the incoming authority record, perform special processing based on the STATUS value, and convert the record into the NOTIS MARC format. The second program compares the records from the notification service with the authority records existing in the database, and sets the heading use codes in the 008 field appropriately.

The third program detects duplicate authority records and performs special processing on them. Finally, the fourth program sets the subfield ǀ w in 5XX tracings for suppression from the OPAC if the heading is not represented in the bibliographic records in the database. Likewise, it also sets the subfield ǀ w for display in the OPAC if the 5XX tracing is represented in the database.

If you have any questions about this exciting new product, please contact Bill Easton at (708) 866-0159 or Ann Greenseth at (708) 866-4889. ■

Conversion Challenge: West Virginia University

The West Virginia University libraries and their fellow consortia members, Shepherd College and Fairmont College, provided Conversion Services with challenging and complex conversion opportunities during the latter part of 1991 and early 1992.

Each site had its own special considerations to take into account with its database structure and conversion requirements. In addition, West Virginia University is comprised of the four libraries, Wise, Health Science, Law, and the Charleston Division, each of which had its own considerations.

Conversion Services was able to address each library's special needs, converting all five of the databases in one conversion project using the QuikLoad+ conversion option. The databases were converted into the NOTIS format using a customized conversion program, and delivered to West Virginia University. In addition, QuikLoad+ allowed Conversion Services to provide special data analysis and pre-processing of the records in order to separate and de-duplicate the databases, and merge holdings within each database.

Dennis Newborn, Systems Librarian for the WVU Libraries, stated that he was extremely happy with the database conversion project, as was Dean Ruth Jackson; they were especially pleased at the speed with which the databases were converted. Evelyn Kocher, Head of the Catalog Department at the Wise Library, also stated that, overall, the project was a positive experience considering the complexity of the work and distinctive needs of each library.

Conversion Services is pleased to be able to provide specialized conversion options for its customers, and is making similar QuikLoad+ pre-processing options available to other libraries too. ■

Answering a Need:
Introducing NOTIS QuikReports

As reported in the March issue of *NOTISes*, an informal focus group met during ALA Midwinter to discuss the need for a report package. They discussed the specific areas in the system where further reports are needed, suggested types of reports, and the required and desired functionality of the suggested reports.

Phase One: Analyzing Specifications for QuikReports

We completed phase one of developing this package, QuikReports. We compiled a list of suggestions, with brief descriptions, and distributed it to the participants of the focus group. We received a great deal of feedback, much of which has been incorporated into the analysis and initial specifications for QuikReports.

Many thanks to the focus group participants and other NOTIS users who provided valuable feedback during the first phase of this project.

The QuikReports package is divided into two types of reports: General Reports and Module Reports.

General Reports:
- ARL Reports—Standard ARL Statistics
  - —Volumes Held
  - —Volumes Purchased
  - —Monographs, Serials, and Microforms
  - —Binding
  - —Inter-Library Loan
- PROReports—Programmer/Housekeeping Reports
  - —Record Counts
  - —Housekeeping Record Values
  - —Display Reports
  - —LCRFile Values
  - —CICS Statistics
  - —Logically Deleted Record Count
  - —Orphaned Bibliographic/Copy Holdings Records

Module Reports:
- ACQReports—Acquisitions/Fund Accounting
  - —Daily Transactions
  - —Acquisitions
  - —Acquisitions Cost
  - —Acquisitions Discount
  - —Items Ordered
  - —Items Received
  - —Orders
  - —Vendor Analysis
  - —Allocations, Encumbrances, Expenditures
  - —Encumbrances/Expenditures Summary
  - —Over Expenditures
  - —Fund Accounting/Fund Management
  - —New Subscriptions
  - —Standing Order List
  - —Publisher List
  - —Gifts
  - —Active/Inactive Serial Records

- CIRCReports—Circulation
  - —Daily Statistics
  - —Circulation Totals
  - —Circulation and Patrons
  - —Circulation and Items
  - —Holds/Recalls
  - —Patron Data Analysis
  - —Patron Amounts Owed
  - —Patron Charges
  - —New Patrons
  - —Overdues
  - —Bill and Fine
  - —Course Reserves
  - —Use of Items
  - —Internal Items

- CATReports—Cataloging
  - —Acquired/Cataloged Titles
  - —Titles in Storage
  - —Items Added/Withdrawn
  - —Items Held
  - —Miscellaneous
  - —Inventory/Shelf List
  - —Bibliographic/Authority Records
  - —MARC Tags

- SEReports—Serials
  - —Caption/Pattern
  - —Costs of Serials

- OPACReports—OPAC
  - —Terminal Usage
  - —Searches

- ICMReports—Item Reports/Collection Management
  - —Collection Aging
  - —Collection Use
  - —Titles by Subject
  - —Miscellaneous

Phase Two: The Feasibility Study

We are now beginning the feasibility study, which is Phase Two. This requires in-depth research and analysis of each individual report to ascertain the parts of the database and system the report needs to access, and to calculate the resources that are required to develop each report.

We use this information to decide which reports to include in the NOTIS QuikReports package and to determine the user interface that will be incorporated into the package.

Phase Three: Beta Testing the Reports

Phase three is beta testing the reports that we develop. Several of the focus group participants have expressed interest in serving as beta test sites; NOTIS is finalizing those arrangements now.

QuikReports will be available in September, 1992. An optional maintenance plan will be in place; it entitles those sites that take the option to any new programs that are created and added to the QuikReports package.

If you have any questions, comments, or ideas, please contact Bill Easton at (708) 866-0159 or Ann Greenseth at (708) 866-4889. ■

NOTIS Professional Services Announces New Release Integration Support Packages

New releases of the NOTIS Multiple Database Access Software (MDAS) and the Library Management System are scheduled for shipment in third quarter 1992. Professional Services offers libraries a full range of implementation planning and integration packages to help NOTIS libraries and computer centers deliver this new functionality to patrons and staff quickly and efficiently. The new release support packages cover the following areas:

Installation & Technical Orientation

A senior NOTIS field engineer will help system support staff to install the new releases of NOTIS products in a test environment and will train staff in the new functions and features that focuses on what's new on the technical front, with tips on system configuration and tuning.

Implementation Planning & Functional Training

A senior NOTIS consultant will train library staff in the new functions and features. The consultant will work directly with key decision makers in public and technical services to plan and integrate the new releases into your current production operations.

Integration

Once you have designed the new releases to fit your local specifications, a NOTIS field engineer will help integrate your customized version into your production system so that it runs smoothly and efficiently.

Inquiries

You can choose the full New Release package, or select one or more of the services as described. If you have specific needs that relate to functionality, project management, hardware, operating system, or telecommuncations, we will work with you to design a package that meets those needs.

To learn more about our New Release packages and flexible pricing, please contact the Professional Services representative for your region:

Northeast and Pacific Rim	Ben Burrows	(708) 866-0136
Mid-Atlantic and Southeast	Nancy Hunn	(708) 866-4851
Great Lakes and Midwest	Ken Victorson	(708) 866-0183 ■

Workshops Are Filling Up—Register Now!!

Last month, we told you about our regional workshops on New Serials Control, Fund Management, and Global Heading Changes. Many of you have already signed up, but we have room for more. Please use the registration form in this issue. Your registration materials for 1992 NUGM also include information on the workshops we'll be holding before and after our annual "Big Event" in October. We'll have several hundred users for NUGM, so register now before the workshops fill up. Workshops are planned for both library and computer center staff. Check the NUGM registration materials for details.

Our workshop calendar is now out on NOTISrv. We'll be posting cancellation announcements there and updating the workshop schedule. Have your Lib1 or Tech1 check this new bulletin board regularly for workshop news. A revised *NOTIS Catalog of Workshops* will be mailed to your site this month. Or pick up a copy at the NOTIS booth (#443) at the 1992 ALA Annual Conference in San Francisco.

Title	Date/Location	Fee
New Serials Control	6/18; Evanston, IL	$95
New Serials Control	6/26; San Francisco, CA	$120**
New Serials Control	7/15; Dallas, TX	$95
Fund Management	7/15; Dallas, TX	$95
GLCH/GLOB	7/15; Dallas, TX	$95
New Serials Control	7/16; San Antonio, TX	$95
Fund Management	7/16; San Antonio, TX	$95
GLCH/GLOB	7/16; San Antonio, TX	$95
New Serials Control	7/23; Montgomery, AL	$95
Fund Management	7/23; Montgomery, AL	$95
GLCH/GLOB	7/23; Montgomery, AL	$95
Profiling Circ Policy	8/19; Philadelphia, PA	$250
New Serials Control	9/12; Denver, CO	$120**
Fund Management	9/17; St. Louis, MO	$95
MDAS Management	9/22-23; Wash., D.C.	$500
Role as LIB1	10/5-7; Evanston, IL	$300
MDAS Management	10/6-7; Evanston, IL	$500
MARC Format	10/8: Chicago, IL	$75†
Everything Computer Center	10/8; Chicago, IL	$75†
Everything Library	10/8; Chicago, IL	$75†
Release 5.1: Internals	10/8; Chicago, IL	$75†
Release 5.1: Operations	10/8; Chicago, IL	$75†
MARC Format	10/10; Chicago, IL	$75†
Everything Computer Center	10/10; Chicago, IL	$75†
Everything Library	10/10; Chicago, IL	$75†
Release 5.1: Internals	10/10; Chicago, IL	$75†
Release 5.1: Operations	10/10; Chicago, IL	$75†
New Serials Control	10/11; Chicago, IL	$95
Project Management	10/11; Chicago, IL	$95
Fund Management	10/16; Detroit, MI	$95
GLCH/GLOB	10/16; Detroit, MI	$95
New Serials Control	10/19; Washington, D.C.	$95
New Serials Control	10/20; Philadelphia, PA	$95
New Serials Control	10/21; New York, NY	$95

**Hotel costs mandate this higher fee. †Half-day workshop.

*All workshops subject to cancellation two-weeks in advance if minimum registration is not met. ■

The 1993 Enhancement Survey

I n March, we mailed a packet of submittal materials to the chairs of the Special Interest Groups who expressed interest in this year's process. SIG Chairs who did not receive the documents and who wish to take part in the survey should contact Ann Greenseth at (708) 866-4889.

The majority of the development resources for the Library Management System for the next eighteen months is going toward changes to the circulation module. Therefore, NOTIS will review the enhancements included in this year's survey for 1993 development. In light of this timeframe, we will refer to this year's survey as the 1993 Enhancement Survey.

We need to address several issues that customers have raised regarding the enhancement survey process and results. We have heard dissatisfaction and disappointment expressed from several quarters. These comments and perceptions are consistent: the process is not working. We are trying to improve upon it with this survey.

Expectations

We designed the survey process to determine the priorities NOTIS and KeyNOTIS users place on desired functionality. NOTIS is committed to reviewing the survey results and to acting on desired items as resources permit. However, NOTIS in no way promises development. The results of the survey are important, but it is just one factor in our priorities for future development.

Difficulty of Enhancement

Each prioritized enhancement is considered in the light of varying factors. For example, the enhancement "Allow relinking of order records," which came in second in the 1991 survey, is more difficult than we originally thought. It would be a labor-intensive, two-year project, and would consume a significant amount of the limited resources available. There are other architecture-related issues as well. The "difficulty rating" Systems Development assigned to enhancements in the 1991 survey was intended to emphasize such resource consumption. NOTIS may not develop these very expensive enhancements.

Already in Development

Scott Muir, Lib1 SIG co-chair, suggested that a list of enhancements under development would aid the SIGs in planning and compiling the SIG lists for the 1993 Enhancement Survey. Below is a brief list of functionality from last year's survey being developed or slated for development.

LMS and/or KeyNOTIS
1. Punctuation sensitive searching—5.0.2
2. Download and print search results—available in MDAS 1.3, and to LMS users with Zero Level MDAS (at extra cost)
3. Report generator capability — QuikReports, currently being developed
4-7. Course Reserves, Patron HAS Command (Patron charge index display), Bill/Fine, Billing for Unreturned Items (LOST)—parts of the changes to the Circulation Module

MDAS—Functional
1. Printing and downloading support (range of records)—MDAS 1.3

MDAS—Databases
1. MLA International Bibliographic (H.W. Wilson)
2. Dissertation Abstracts International (UMI)
3. Newspaper Abstracts (UMI)—Complete
4. CINAHL (Cumulative Index to Nursing and Allied Health Literature)—Complete

GTO
1. 9600 Baud GTO Support—GTO 3.1

We will send a separate survey for GTO enhancement suggestions. The SIGs will be routing suggestions to Scott Muir, who has agreed to compile the GTO enhancement list. Only requests that have been submitted through the Lib1 SIG will be in the survey. Five enhancements will be included in this year's GTO Survey.

Feedback

NOTIS is open to your ideas and comments regarding improvements to the process, as well as the overall future of the survey. Once again, we thank you for your continued suggestions and comments about the survey and the process. ∎

1992 NUGM PROGRAM AGENDA

DAY 1 — Thursday, October 8, 1992

GENERAL SESSION

1:00-2:15 — General Session

Time	OPAC	SER/ACQ	CIRC	CONS/NET	CAT/AUTH/LAW	PROG	PROG	PROG	LIB1
2:30–3:30	**2 OPAC** Evaluating OPAC Screens	**3 SER** Migrating Holdings from VHLD to MHLD	**4 CIRC** Patron Records: Creation and Maintenance	**5 CONS/NET** Interlibrary Loan within a Consortium/Network	**6 CAT/AUTH** Programs for Database Cleanup	**7 PROG** Basic Tuning Principles	**8 PROG** GTO Communications	**9 PROG** Managing Your Patron File	**10 LIB1** Resource Tape Loading Part II
3:45–4:45	**11 OPAC** Access to Internet OPAC Catalogs	**12 ACQ/SER** Interfacing with Central Accounts	**13 CIRC** Circulation Error Recovery	**14 CONS/NET** PACLink Introduction (repeats - #47)	**15 CAT/AUTH** Multiple Subject Heading Thesauri In NOTIS	**16 LAW** Check-in Alternatives for Legal Materials & other non-serials	**17 PROG** CJK In NOTIS	**18 PROG** Issues Unique to Small Sites	**19 LIB1** PCs as Terminals In the NOTIS Environment
5:00–6:00	**20 OPAC** Location-Based Searching: User Needs, System Realities	**21 ACQ/SER** Making Claims Work	**22 CIRC** Circulation In a Decentralized Environment	**23 CONS/NET** PACLink Technical Overview	**24 CAT/AUTH** Issues In AV Cataloging on NOTIS	**25 PROG** MARC Record Tools In C	**26 PRESERV** Preservation SIG Meeting	**27 PROG** Disaster Recovery Procedures	**28 LIB1** Libry/Data Center Relationships with Emphasis on DC Perspective

6:30-8:00 — R E C E P T I O N — Grand Ballroom, Palmer House

1992 NUGM PROGRAM AGENDA

DAY 2 - Friday, October 9, 1992

POSTER SESSIONS 8:00-9:00

Time					7:30AM	
8:00–9:00	**29** Public Library SIG Meeting	**30** Consortia/Network SIG Meeting	**31** Programmers MVS SIG Meeting	**32** Programmers VSE SIG Meeting	**33** Health/Sciences SIG Meeting	**34** Acquisitions SIG Meeting

Time	OPAC	NOTIS	CIRC	NOTIS	CAT/AUTH	PROG	PROG	PROG	ACQ/SER
9:15–10:15	**35 OPAC** KeNOTIS User Training NOT Bibliographic Instruction	**36 NOTIS** President's Chair	**37 CIRC** SAS Reports for Circulation	**38 NOTIS** Tech.Info. Group Connectivity Overview (repeats - #73)	**39 CAT/AUTH** GTO with OCLC & RLIN	**40 PROG** CICS Debugging From a More "Elementary" Point of View	**41 PROG** Statistical Reporting	**42 PROG** Patron File Structure and Updating In Batch	**43 ACQ/SER** Predictive Check-In In NOTIS
10:30–12:00	**44 ACQ/SER** Working with MARC Holdings for Serials	**45 NOTIS** InfoBase/MDAS Overview (repeats - #84)	**46 CIRC** Circulation SIG Meeting	**47 CONS/NET** PACLink Introduction	**48 CAT/AUTH** Issues Related to Serials Cataloging on NOTIS (repeat of #14)	**49 PROG** Managing a NOTIS Shop	**50 PROG** How to Integrate New Releases	**51 LIB1** Planning for Release 5.2	

12:00-2:00 — L U N C H

POSTER SESSIONS 1:00-2:00

Time	KeyNOTIS	NOTIS	CIRC	LAW	ACQ/SER	PROG	PROG	PROG
2:15–3:30	**52 KeyNOTIS** KeyNOTIS SIG Meeting	**53 NOTIS** ProPAC Overview (repeats - #80)	**54 CIRC** Implementing Circ Politics/System Control File	**55 LAW** Law SIG Meeting	**56 ACQ/SER** Archives and Govt. Docs Get NOTISed	**57 PROG** CICS Tuning	**58 PROG** User Defined Exits	**59 PROG** Issues Unique to Large Sites
3:45–5:15	**60 RLG/NOTIS** RLG/NOTIS SIG Meeting	**61 MDAS** Using MDAS to Mount Locally Created Databases	**62 CIRC w/CAT** Bibliographic Record Creation at the Circulation Desk	**63 CIRC** Circulation Hands-On I	**64 PROG** SAS SIG Meeting	**65 LIB1** Who Does What and How Many Does It Take?	**66 PROG** CICS Monitoring and Utilities (CEMT, etc.)	**67 PROG** Tracing an LT Transaction	**68 SER/PRESV** Automated Library Binding Systems
5:30–6:30	**69 OPAC** OPAC SIG Meeting	**70 CLASSICS** NOTIS Classics SIG Meeting	**71 BNA/NOTIS** BNA/NOTIS SIG Meeting	**72 Serials** Serials SIG Meeting				

1992 NUGM PROGRAM AGENDA AND TABLE OF CONTENTS

DAY 3 — Saturday, October 10, 1992

Time								
8:00–9:00	**73 NOTIS** Tech. Info. Group Connectivity Overview (repeat of #38)	**74 CIRC** Course Reserves	**75 NOTIS** Release 5.1 Overview	**76 MDAS** MDAS SIG Meeting	**77 PROG** LSYS/LMST and LCRFILE/LMS Module Relationships	**78 PROG** VSAM Tuning	**79 PROG** Troubleshooting for Beginners	**80 NOTIS** ProPAC Overview (repeat of #53)
9:15–10:15	**81 ACQ/SER** Ask the Experts	**82 NOTIS** President's Chair	**83 CIRC** Circulation Hands-On: II	**84 NOTIS** InfoBase/MDAS Overview (repeat of #45)	**85 CAT/AUTH** Cataloging and Authorities SIG Meeting	**86 PROG** Tracing an OPAC Transaction	**87 PROG** Networking and TCP/IP Address Resolution	**88 PROG** Index File Structures — LIB1 / LIB1 SIG Meeting
10:30–11:30	**90 CLASSICS** NOTIS Classics Presents: The NOTIS Taste Test	**91 ACQ/SER** Do You "Approve" of Your Approval Procedures?	**92 CIRC** NOTIS 5.2 Circulation Rewrite Update	**93 CONS/NET** MDAS in a Consortia/Network	**94 CAT/AUTH** Analytics in the NOTIS Bibliographic File	**95 PROG** Programmers Joint MVS/VSE SIG Meeting		

Pre and Post N•U•G•M•92 Activities for NOTIS Library Users

NOTIS Professional Services Group is pleased to offer the following sessions in conjunction with the 1992 NOTIS Users Group Meeting (NUGM). Please use the enclosed NUGM Registration Form and accompanying instructions to register for any of the following sessions.

Note that our half-day sessions are offered twice, immediately before and after NUGM on Thursday morning, October 8, 1992 and Saturday afternoon, October 10, 1992. In these cases, the sessions are identical, so if you register for one, do not register for the other: they are identical in content. All sessions will be held at the Palmer House except where noted.

MARC Format for the Non-Cataloger		
L30.	10/8/92	9:00–12:00
L31.	10/10/92	1:30–4:30

This half-day introduction to the MARC format is a helpful session for the library staff member who needs to have a rudimentary knowledge of MARC for a more complete understanding of the NOTIS system. Participants will receive enough information to make informed decisions about OPAC displays, better understand keyword searching, and more easily interpret OPAC displays.
Audience: Any library staff member with minimal exposure to MARC.
Fee: $75

Your Role as LIB1		
L50.	10/5-7/92	9:00–4:30
L51.	10/7/92	9:00–4:30
NOTIS Offices (Evanston, IL)		

The first two days are identical to the two-day "Introduction to NOTIS" delivered to sites following installation. The third day (which may be taken separately) concentrates on the variety of activities and responsibilities that a NOTIS system administrator can expect to perform and oversee.
Audience: New LIB1s or any NOTIS library user desiring a better overall understanding of system architecture and record structures.
Fee: $295. ($95 for Day 3 only).

Everything You've Always Wanted to Know About the Computer Center But Were Afraid to Ask		
L100.	10/8/92	9:00–12:00
L101.	10/10/92	1:30–4:30

This half-day session covers the basic organization of an academic computing center. Discusses the NOTIS software from the computer center's perspective, using its terminology. Participants gain a better understanding of the computer center's outlook on automation.
Audience: Library staff who deal regularly with computer center staff.
Fee: $75

New Serials Control: Overview of Functionality and Implementation Issues
LO8A.   10/11/92   9:00-4:30

Provides an in-depth look at the new serials control module. Participants will gain a thorough understanding of its functions and features through an intensive demonstration in the morning session. The afternoon session covers implementation issues, offering practical advice and tips on the various tasks with recommendations for workflow and ongoing maintenance.

Audience: Any library staff member who desires a better understanding of the new serials control module and/or those who will be participants in the implementation process.

Fee: $95

Project Management for the NOTIS Implementor
L42. 10/11/92   9:00-4:30

An introduction to the concepts and principles of project management, specifically as it relates to implementing and maintaining a NOTIS system or specific module. Participants learn practical approaches to such issues as scheduling, training, installing new releases, testing, etc.

Audience: Library staff with no project management training.

Fee: $95

The NOTIS Guarantee

NOTIS Professional Services promises that you will gain practical knowledge to apply to your NOTIS-related tasks or your registration fee will be cheerfully refunded.

Pre and Post
N•U•G•M•92 Activities
for NOTIS Computer Center Users

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Release 5.1 Internals
C50. 10/8/92   9:00–12:00
C51. 10/10/92   1:30-4:30

Get yourself prepared for Release 5.1. This half-day session covers the installation of the new release, discusses new functionality, and reviews modifications to existing functions.

Audience: Computer center staff member with responsibility for operating and maintaining the NOTIS software.

Fee: $75

Release 5.1 Operations
C60. 10/8/92   9:00-12:00
C61. 10/10/92   1:30-4:30

Get ready for Release 5.1. This half-day session covers the operational aspects of the new release, describing new jobs and changes to existing ones.

Audience: Computer center staff member with responsibility for operating and maintaining the NOTIS software.

Fee: $75

Everything You've Always Wanted to Know About the Library But Were Afraid to Ask
C40. 10/8/92   9:00-12:00
C41. 10/10/92   1:30-4:30

This half-day session covers the basic concepts of an academic library's organization and operation. Discusses the NOTIS software from the librarians' perspective, using their terminology. You'll gain a better appreciation of the library's outlook on automation.

Audience: Computer center staff with responsibility for operating and maintaining the NOTIS software.

Fee: $75

MDAS Management Techniques and Loaders
C3.   10/6/92   8:30-4:30
C3A. 10/7/92   8:30-4:30
C3B. 10/6–7/92   8:30–4:30
NOTIS Offices (Evanston, IL)

Registrants learn to manage the database loading process for the Multiple Database Access System (MDAS). Topics to be covered on Day 1 include how to anticipate file growth; manage DASD; merge or separate files; use subdatabases; run batch reports; use SAS with MDAS; understand database relationships to local data; and integrate database loads into the production environment. On Day 2, attendees write a loader to handle a local database. Registrants may take either or both days.
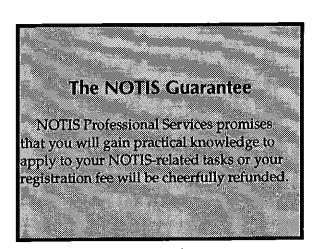Audience: Computer center staff with responsibility for loading or maintaining MDAS database files.
Fee: $300/day; $500/2 days

CICS Dump Analysis
C70. 10/8/92 9:00-12:00
C71. 10/10/92 1:30-4:30

Participants in this half-day session will learn the basics of CICS troubleshooting, including an introduction to transaction and snap dumps; auxtraces and how to produce one; an overview of the trace table; SIT parameters affecting dumps; how to interpret and/or prevent a dump; and understanding storage violations. A condensed version of the material covered on Day 1 of the session "Technical Dump Analysis."
Intended Audience: Computer center staff with responsibility for operating and maintaining the NOTIS software.
Fee: $75

Cataloging and Authorities SIG Sponsors Programs at NUGM '92

The Cataloging and Authorities SIG is sponsoring seven programs at NUGM '92, which should interest both catalog and authority control/database management librarians. Now that GTO has been running in most sites for six months to one year, Roy Heinz, Kate Seago, and Christine Perkins Meyers will speak about workflow changes caused by GTO.

Our speakers represent both OCLC and RLIN sites and will address workflow and staffing implications related to GTO.

Our program about serials cataloging and how cataloging decisions affect the OPAC should be really exciting. We will discuss how the NOTIS environment affects the relationship among serials catalogers, serials staff, and reference staff.

One of our speakers will specifically address how the fields chosen to display in the OPAC may affect cataloging decisions.

Bonnie Dede will describe for us some problems with which we must deal when we decide to include audio-visual materials in our NOTIS databases. She has many years of experience cataloging A-V materials.

For several years, the Cataloging and Authorities SIG has been discussing analytics and "bound withs." Laura Bayard will describe her enhancement suggestion and Mary Monson will discuss her pilot project for handling analytics.

This will be our opportunity to comment on these two different approaches and to provide direction to NOTIS staff.

Gary Strawn will present two programs. First, he will discuss the batch cleanup tasks that may be performed using existing NOTIS programs. Then, Gary will speak on using LCSH and MeSH in a dictionary index. Those of us who have health sciences libraries in our universities or networks hope his presentation will help us resolve the conflicts that occur between the two vocabularies.

Last year at NUGM, the Circulation SIG sponsored a session on creating provisional biblio-

graphic records at the point of circulation. The idea was that a provisional record will provide greater access to a title than an unlinked item record. This year the Cataloging/Authorities and Circulation SIGs will co-sponsor another session on creating bibliographic records at the point of circulation. Ellen Cordes will summarize her point of view and her plan will be debated by proponents and opponents on the stage and in the audience.

If the SIG receives sufficient responses from its membership, the SIG will sponsor a space in the poster sessions in which policies and procedures may be exchanged and at which you may meet our "experts" and share ideas. Any NOTISes reader interested in sharing something in a Cataloging/Authorities SIG poster session should contact Anaclare Evans, Chair-elect, Cataloging/Authorities SIG at (313) 577-4006 (phone), (313) 577-3615 (fax), aevans@waynest1 (Bitnet), or aevans@cms.cc.wayne.edu (internet); e-mail is preferred. ∎

Serials and Acquisitions Offer 11 Programs at NUGM '92

Dottie Marcinko
Acquisitions Division
Auburn University

The Acquisitions and Serials Interest Groups will be scheduling programs on a combined tract at NUGM '92, in an arrangement similar to that used last year. The interests and needs of the two groups coincide in several areas. Combining the allocation of time slots seemed to work well before and this offers flexibility in programming for something old, something new, something borrowed....

Don't feel blue when you see topics that have appeared before, or ones that were previewed last year. Many sites were not ready last year to plan for MHLD, predictive check-in, or electronic interfaces with accounting, and are now able to benefit fully from the experiences of those that are in the process now.

MHLD in the Lead

A major feature of Release 5.0 is the MARC Holdings record. Although previous NUGM sessions have dealt with the topic of MHLD records, there is renewed interest in this subject as many libraries are now beginning to plan for MHLD conversion. Therefore, we have planned two sessions dealing with MHLD implementation.

The session on Day One will cover issues to be considered in planning and testing the VHLD to MHLD conversion process. The second session, to be held the next morning, will address MHLD maintenance in Releases 5.0 and 5.1, NISO standards for serial holding statements and the resulting OPAC displays, and the potential for exporting MARC holdings data.

New Ways to Spend Money

You may be nearing zero balance internally, but until you get this information to your central accounting office and they cut your checks, you are neither in the black nor in the red. There are different needs and approaches to this at various sites and one of the three on this year's program may come close to coinciding with your needs.

One site plans to use the VITLS program for loading serial payments and adapt it to transmit financial data to a central site. We will hear the results of their efforts and hear about procedures already in place at two other universities.

Alternative Records in NOTIS

Special materials require special efforts when you want to fully integrate them into the online environment. Using the MARC AMC format may be a relatively new process at your institution, and even our old friends, government documents, are still step children at many places. We will offer some different viewpoints as pointers on using these records during a program designed to help you bring them into the NOTIS mainstream.

Predictive Check-In

Are you ready? Are you at least ready to hear from the field? The two beta test sites, Vanderbilt and University of Michigan, will describe their experiences, staff preparation, the check-in process, starting from scratch or from your old OPR check-in records. Sounds challenging....

Two Old Friends

Working with approval plan titles in NOTIS, like working with government documents, can take many approaches, which we will hear more about on the last day. Also scheduled is the very popular and crowded session we call "Ask the Experts." Topics are to be announced but are always helpful. This gives you one last chance to pick the brains of those who have done it before, or do it differently.

Claiming

Anybody can do claims on NOTIS...but will they do it right? What's right? If you think it's more than stuffing a form letter in an envelope and sealing it shut, you'll love this session. And if you don't, you might just change your mind after hearing our presenters.

Binding Systems and NOTIS

Binding systems and NOTIS don't speak the same language and this equals rekeying. We'll hear how some do it, and how some would like to do it, in a session of interest to both serials and preservationists. The Law SIG will have a session on check-in alternatives for legal materials, and this should be worthwhile to those who may have fewer law titles to deal with, but find them a challenge (to put it mildly).

SIG Meetings

Even though we have a joint tract of sessions, the Acquisitions and Serials SIGs will have separate business meetings during NUGM '92. Let us know your concerns and what we can do with programming at future NUGM meetings to best meet your needs. ∎

NOTISPRO Available on LISTSERV@UICVM

The University of Illinois at Chicago Computer Center and University Library announce the availability of a national filelist of programs submitted by the programming and library staffs of the NOTIS licensees. Called NOTISPRO, the list contains SAS routines, PL/I programs, and Assembly Language code.

Programs are submitted by sending them via BITNET to UIC NOTIS (U39328@UICVM). Each program should include brief comments explaining its use along with the name of the submitter so that questions can be directed to the author. UIC takes no responsibility for the quality or quantity of programs submitted.

In recognition of the fact that some NOTIS licensees do not have access to BITNET, UIC is willing to download up to five files to a microcomputer diskette. Those wishing to use this service should send a formatted diskette and a self-addressed diskette mailer to the address below. Please include a list of the programs you want us to supply.

Paige Weston
UIC University Library
Box 8198 m/c 234
Chicago IL 60680

Using NOTISPRO

To receive files, direct a request to the LIST-SERV@UICVM. Requests to LISTSERV can be sent by online messages (TELL command in VM/CMS) or by electronic mail. The content of the message should be a valid LISTSERV command. To receive the current list of files on NOTISPRO, send one of the following commands:
1. tell listserv@uicvm send notispro filelist   OR
2. in a note to LISTSERV@UICVM, type the following message only: send notispro filelist

Once the FILELIST has been received, you will know the names of the available files and may request that the LISTSERV send you any or all of the files.

Do this as described below. If the program you want is named RESERVES SAS, then
1. tell listserv@uicvm send reserves sas OR
2. in a note to LISTSERV@UICVM, type the following message: send reserves sas

Questions on all aspects of NOTISPRO can be sent to Harriet Coleman (U35049@UICVM), Michael Sperberg-McQueen (U18189@UICVM), Paige Weston (U50343@UICVM) or Nancy John (U31452@UICVM).

Please send your electronic requests for programs to the LISTSERV@UICVM not to Harriet, Michael, Paige or Nancy!

Those who wish to submit programs by diskette should send the diskette to Paige Weston at the same address. The NOTISPRO FILELIST (the list of programs) will be sent to *NOTISes* from time to time. Here is the current filelist:

```
*  NOTISPRO FILELIST for LISTSERV@UICVM.
*
*  List of NOTIS-related programs
*
*  This file lists the programs that are stored on LISTSERV and can be
*  retrieved by network users.  Programs can be retrieved by all
*  network users.
*
*  Welcome to the NOTIS programming list, NOTISPRO.   NOTISPRO
*  contains programs submitted by the programming staff from among the
*  NOTIS licensees.  The list contains SAS routines, PL/1 programs,
*  and assembly language code;  submitters are responsible for
*  answering questions about their own programs.
*
*  Programs may be submitted by sending them via BITNET to
*  U39328@UICVM.  Programs may be requested via BITNET by asking
*  LISTSERV to send program files.
*
*  If an entry shows nrecs=0 the file is not available.
*
*  This filelist may  be sorted in columns  47 to 63 to get  a list of
*  files in  the order of  their updates. Sorting in  descending order
*  shows the most recently updated files at the top.
*
```

```
*                  nbr    last    change
filename filetype  recs   date    time    File description
-------- --------  -----  -------- -------- ----------------------------

PATRREC  SAS       113 88/12/04 00:41:20 FCLA patron labels
TAGSUMM  SAS        80 88/12/04 00:41:09 FCLA tag summ by inst gp
CICSREP1 SAS        80 88/12/03 22:54:36 FCLA CICS usage by inst
CICSREP2 SAS        80 88/12/03 23:01:34 Usage by function
RESERVES SAS       113 89/10/02 16:01:37 Lists reserves
FINEJNL  SAS       133 89/04/26 21:24:34 Finles list
RESSTAT  SAS       133 89/04/28 17:13:17 Reserve stats
CALNUM   SAS        80 89/05/12 16:21:58 Call numb report
DEBTORS  SAS       133 89/04/28 17:18:42 Patrons owing fines
READ     ME         80 89/11/20 12:14:30
CIRCSTAT SAS        80 89/08/22 11:52:06 Circulation statistics
CIRCSTAT VER2       73 91/01/18 07:46:52 Modification of CIRCSTAT SAS
FISCYEAR SAS        72 89/08/22 13:18:25 Fiscal year rollover
CIRCHIST SAS        72 89/09/26 12:13:15 Circ hist stat report
ITEMFLAT SAS        72 89/09/26 15:59:57 Make flat item file
ITEMEXTR SAS        71 89/09/26 16:20:29 Circ hist item extract
CIRCLOCN SAS        72 89/09/26 16:27:48 Circ hist by location
```

```
CIRCSERV SAS        72 89/09/26 16:26:32 Circ hist by serv/unit
CIRCPATR SAS        71 89/09/26 16:24:48 Circ hist by patron category
PB686JOB JCL        72 89/09/26 16:54:29 List duplicate patron ID's
PB686BAL ASM        80 89/09/26 16:56:10 Make patron ID file
PATEX    SAS        80 89/10/11 12:44:12 Patron file extract
SAREXSAS SAS       133 89/10/30 15:32:27 List materials on reserve
BIB      SCRIPT     65 89/10/30 15:34:02 Bibliofile overlay flowchart
NLC      SCRIPT     65 89/10/30 15:35:27 Nat.Library Canada flowchart
BIBFILE  OVERLAY1   80 90/06/18 11:07:17 jcl, programs, etc.
BIBFILE  OVERLAY2   80 90/06/18 11:05:45 jcl, programs, etc.
FUNDRPRT SAS        80 89/11/17 12:08:06 Fund report
INVOICES SAS        80 89/11/17 12:18:09 Expenditures by fund
ORDERLST SAS        80 89/11/17 12:16:50 Orders report with titles
ITEMUPDT SAS        80 89/11/17 12:15:44 Item record updates
PATRONS  SAS        80 89/11/17 12:14:25 Change patron category
CATSTATS SAS        80 89/11/17 12:13:04 Monthly cataloging statistics
AUTHDEL  PLI        80 89/12/06 15:35:15 Removes auth recs by type
AUTHDEL2 CNTL       72 91/12/19 09:36:26 Removes BNANO auth recs
LIBMAIL  BLURB      79 89/12/07 09:20:51
DAILYBF  SAS        80 90/03/19 15:28:19 Bill & fine transctn details
OPRPT    SORTER     80 90/03/27 10:13:39 Sorts operatns rpts by call#
BFREPT   SAS        80 90/06/01 12:45:07 Daily bill & fine $ report
NOHITS   SAS        80 90/06/01 13:08:50 Title srchs that made no hits
OPACTIME SAS        80 90/06/01 13:10:19 Graphs usage of partic termnl
OPACSTAT SAS        80 90/06/01 13:11:05 Simplified monthly LUIS stats
TRANLOG  SAS        80 90/06/01 13:12:29 OPAC transaction log
OWESFIX  SAS        80 90/07/03 15:19:17 Sets patron "owes"=B&F reckng
OVRDUFIX SAS        71 90/07/03 15:26:54 If chrgs=0, resets overdues=0
BFSUMM   SAS        72 90/07/03 15:35:31 Summarizes B&F transactions
SEREXPND SAS        72 90/11/12 08:21:48 Serials expenditures by FY
PATRNBLD PLI        80 90/07/25 08:48:32 Sample patron file prep
ORDVND   SAS        80 90/08/31 14:34:38 Ordrs by vendor within fund
OVEND2   SAS        72 90/08/31 14:41:09 Ordrs by fund within vendor
ORDFND   SAS        70 90/08/31 14:44:36 Ordrs by fund within procun
SSUBANL  SAS        72 90/08/31 15:58:03 Counts clssd/unclssd serials
MISSANAL SAS        72 90/09/01 09:36:15 Items chrgs to "MISS"ing
NOCALL   SAS        70 90/09/01 09:38:51 Lists records missing call#s
OVLYUTIL COBOL      80 90/09/01 09:41:50 Customizes LD03S
KWBMAKER COBOL      80 90/09/01 09:44:18 To add usermast/userappn rex
CLAIMAL  SAS        71 90/09/01 09:46:46 Produces claim alert list
BIBEXT   SAS       133 90/12/11 09:56:17 Extracts records by proc unit
BILLFINE SAS        80 90/12/18 13:35:57 Student $ data out of NOTIS
LIB1SIG  SPECS      79 91/01/29 09:19:04 Cntl specs by V.V.
OPACLNOT TXT        80 91/03/25 14:10:01 5.0 vanilla LCRfile (beta)
OPACLPUR TXT        80 91/03/25 14:12:03 5.0 Purdue LCRfile (beta)
OPACLCR  SAS        80 91/03/25 14:13:10 Outputs 5.0 LCRfile values
MARCOUT  SAS        80 91/04/12 13:03:37 Outputs MARC record for vndrs
FORMTEST COBOL      80 91/06/10 08:29:28 Forms align print pattern
BILLADDR PATCH      80 91/08/26 13:15:27 For courtesy dischrg bills
LCRUNITS SAS        80 91/09/04 17:04:36 Extracts LCR units
LCRSECUR SAS        80 91/09/04 17:05:02 Extracts LCR security
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LCRPATS	SAS	80 91/09/04 17:05:26	Extracts LCR patrons
LCRLOCS	SAS	80 91/09/04 17:05:57	Extracts LCR locations
NEWTITLE	PLI	80 91/09/09 10:32:48	Lists new titles added
CIRCSITN	SAS	80 91/09/23 15:20:16	Circ situations from 5.0 LCR
CIRCPOLS	SAS	80 91/09/23 15:20:49	Circ policies from 5.0 LCR
UTDCIRC	SAS	80 91/10/21 10:13:55	Simplifies circ trans record
UTDITEM	SAS	80 91/10/21 10:13:30	Simplifies item status info
UTDREAD	DOC	80 91/10/21 10:13:08	About UTDCIRC & UTDITEM SAS
LOCATION	CHECKER	80 91/11/08 15:46:50	Find A22 locs not in 4.6
CATALG2	SAS	80 91/11/18 16:35:23	Titles cataloged by operator
CATALG3	SAS	80 91/11/22 16:52:04	Rush titles cataloged
CATALG5	SAS	80 91/11/22 16:51:29	Expired action dates
CATALG6	SAS	80 91/11/22 16:51:09	Added copies
CATALG7A	SAS	80 91/11/22 16:50:50	# of titles by location
CATALG8A	SAS	80 91/11/22 16:50:27	Titles cataloged by format
CATALG9	SAS	80 91/11/22 16:50:06	Types of A/V cataloged
CATALG10	SAS	80 91/11/22 16:49:46	Added copies by operator
DESCRIP	SAS	80 91/11/22 16:55:06	About CATALG2-CATALG10
JNLHOLD	SAS	72 92/01/14 14:45:51	Jnl hldgs list (VHLD+O/P/R)
*		SAS & PLI programs written in support of NOTIS	
*		Cornell University (LRP@CORNELLC)	
SAS	PROGS	80 89/09/25 16:28:53	List of SAS Programs
PLI	PROGS	73 90/11/06 09:34:07	List of PLI Programs
ADDFUND	SAS	80 89/09/25 15:51:01	Add fund info to SAS dataset
AUTHPRT	JOB	80 90/11/08 15:44:26	Prt authority rex without 010
AUTHSEP	JOB	80 90/11/08 15:45:36	Separate name, subj authority
BDATE	PLIOPT	80 90/11/08 15:46:37	Julian-->NOTIS binary date
BIBFMT	JOB	80 90/11/08 15:47:23	Counts bib records by format
BIBSEL	JOB	80 90/11/08 15:48:14	Selects records from bib file
BUILDREQ	PLIOPT	80 90/11/08 15:49:13	Wrksht requests for bib file
CUBILLF	SAS	72 92/02/10 10:45:03	Reports from Bill&Fine file
CUBURSAR	SAS	72 92/02/10 10:41:06	Cornell records to Bursar's
DATEINIT	SAS	80 89/09/25 15:51:46	Initializes Date File
DATERTN	PLIOPT	80 90/11/08 15:54:40	Converts mmddyy as required
DELREC	JOB	80 90/11/08 15:55:30	Deletes rex from VSAM file
ENDWVCH	SAS	80 89/09/25 15:54:25	Voucher printing
FARPT01	SAS	80 89/09/25 15:56:24	Daily Invoice Control Report
FARPT02	SAS	80 89/09/25 15:57:04	Univ Acct Balance Report
FARPT03	SAS	80 89/09/25 15:57:48	Fund listing by group
FARPT04	SAS	80 89/09/25 15:58:24	Fund listing by selector
FARPT05	SAS	80 89/09/25 15:59:02	Fund listing by budget id
FARPT09	SAS	80 89/09/25 16:04:29	Fund balance for Coll Dev
FARPT10	SAS	80 89/09/25 16:05:03	Unapproved invoices
FARPT17	SAS	80 89/09/25 16:05:40	Approved Invoices
FAYREND	JOB	80 90/11/08 15:56:18	Yearend fund rec rollover
FUND	SAS	80 89/09/25 16:06:19	Read Fund Records
FUNDFLD	SAS	80 89/09/25 16:06:57	Process Fund fields
FUNDOV	JOB	80 90/11/08 15:58:00	Updates overage allowances
FUNDTYPE	SAS	80 89/09/25 16:07:33	Classify Funds by Type
GENKEY	PLIOPT	80 90/11/08 16:11:25	Read VSAM file w/ generic key

GTOREQ	PLIOPT	80 90/11/08 16:12:19	Flags GTO wrksht req 01/01/01
HEX	PLIOPT	80 90/11/08 16:17:28	Hex representatn of storage
INVFLD	SAS	80 89/09/25 16:08:11	Process Invoice/Voucher fields
INVOICE	SAS	80 89/09/25 16:08:47	Read Invoice Records
ITEMLNK	JOB	80 90/11/08 16:18:18	Checks links btw item & chld
ITEMLNK	PLIOPT	80 90/10/31 16:52:33	Fix CHRs with bad links
ITEMDEL	JOB	80 90/10/31 16:54:30	Phys. deletes logically dels
ITEMUND	JOB	80 90/11/09 13:03:40	Dedups item flat file
JDATE	PLIOPT	80 90/11/08 16:19:47	Converts mmddyy to julian
KEYCHG	JOB	80 90/11/08 16:20:28	Change keys in bib/hldgs file
KEYPACK	PLIOPT	80 90/11/08 16:21:11	Assigns contiguous keys
KEYTYPE	PLIOPT	80 90/11/08 16:22:16	Determines NOTIS record type
MARCPRT	JOB	80 90/11/09 13:01:00	Print MARC records from tape
MARCSEL	JOB	80 90/11/09 13:01:43	Select MARC rex from tape
MARCSELA	JOB	80 90/11/09 13:02:36	Select MARC rex from tape
NAMERTN	PLIOPT	80 90/11/08 16:23:00	Formats last-name-first
NOTISREC	PLIOPT	80 90/11/08 16:23:51	Generic proc'ing of NOTIS rec
ORDER	SAS	80 89/09/25 16:09:16	Read Order Records
ORDFYUP	JOB	80 90/11/08 16:26:22	Updates FY in order records
ORPHANO	JOB	80 90/10/31 16:55:43	Finds orphaned orders
ORPHANV	JOB	80 90/10/31 16:56:36	Finds orphaned vhlds
PODUP	SAS	80 89/09/25 16:09:54	Duplicate Purchases Orders
PRODCICS	SAS	80 89/09/25 16:10:37	Activity Report from CICS
SIEXLIB	PLIOPT	80 90/11/09 16:27:18	Prepares student patron rex
SPLIT4	JOB	80 90/11/09 12:56:25	Quads prt file for laserptr
STATVCH	SAS	80 89/09/25 16:11:13	Voucher Printing - State form
UNHEX	PLIOPT	80 90/11/09 12:59:08	Converts hex to binary
VENDLC	PLIOPT	80 90/11/09 13:00:04	Vendor names to mixed case
VOUCHER	SAS	80 89/09/25 16:11:42	Read Voucher Records
*		SAS & PLI programs written in support of NOTIS	
*		University of Wisconsin (KHOOKER@WISCMACC)	
WIDOCMNT	DOC	79 91/01/30 09:53:33	Intro to the Wisc batchlinker
WIJCL	JCL	71 91/01/30 09:54:24	JCL for pli progs/sort steps
BATCHLIN	KER	29651 91/01/30 12:27:08	Progs compressed with pkunzip
WINT4141	PLI	80 91/01/30 09:55:48	Ref recs w/blocked matches
WINT4142	PLI	80 91/01/30 09:57:41	Print report/items w/2 CHRs
WINT4144	PLI	80 91/01/30 09:58:16	Extract fields from CHRs
WINT4145	PLI	80 91/01/30 09:59:19	Extract fields from item recs
WINT4146	PLI	80 91/01/30 10:00:39	Match ext.files/update VSAM
WINT4147	PLI	80 91/01/30 10:01:49	Match ext.files/rept matches
WINT4148	PLI	80 91/01/30 10:02:34	Extr. item keys from b&f recs
WINT4149	PLI	80 91/01/30 10:03:48	Disc items w/keys on b&f file
TORNBTW2	HLDGS	72 91/02/18 10:41:45	Items "torn between 2 hldgs"
*		SAS programs written in support of NOTIS	
*		University of Windsor (MARLENE@UCC.UWINDSOR.CA)	
README	FIRST	80 91/07/22 13:43:03	Summary of pgm/files/info sent
GX001	SAS	80 91/07/22 13:45:42	General copy holdings extract
UWGX001	JCL	80 91/07/22 13:42:37	JCL for GX001 SAS
PUFILE	DATAFILE	80 91/07/22 13:41:47	For proc units to be selected

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PC001A    SAS         80 91/07/22 13:45:11 Separates LC from other class
PC001B    SAS         80 91/07/22 13:44:44 Freq by location; other class
PC001C    SAS         80 91/07/22 13:44:26 LC call # range report
UWPC001   JCL         80 91/07/22 13:42:16 JCL for PC001A, B, and C
CALLRANG  DATAFIL     25 91/07/22 13:40:32 Contains 512 LC call # ranges
BIBREADN  INSTRUCT    80 91/07/22 13:44:07 How to use BIBREAD & BIBREADI
BIBREAD   SASMACRO    80 91/07/22 13:43:47 Retrieves Bib/Copy hdg fields
BIBREADI  SASMACRO    80 91/07/22 13:43:27 Defines formats & variables
*         SAS extract programs written for use with NOTIS
*         NOTIS Systems, Inc.
LB013SAS  SAS         77 91/08/14 15:07:50 List action codes from jnl6
LB023SAS  SAS         69 91/08/14 15:07:14 List action codes from jnl3
LB365SAS  SAS         71 91/08/14 15:06:05 Bib File tag extract
LB366SAS  SAS         70 91/08/14 15:06:44 Bib File tag frequency
LB369SAS  SAS         79 91/08/14 15:05:15 Delete Bib/Holdings records
LB465SAS  SAS         74 91/08/14 15:04:21 Order File extract
LB466SAS  SAS         71 91/08/14 15:03:55 Order File tag frequency
LB655SAS  SAS         72 91/08/14 15:03:26 Circ History File extract
LB656SAS  SAS         77 91/08/14 15:02:49 Circ History tag frequency
LB657SAS  SAS         72 91/08/14 15:01:58 Circ History File report
LB675SAS  SAS         72 91/08/14 14:59:54 Item File extract
LB676SAS  SAS         71 91/08/14 15:00:53 Item File tag frequency
LB677SAS  SAS         77 91/08/14 15:01:19 Item File report
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Direct your questions to Nancy John (U31452@UICVM) or Paige Weston (U50343@UICVM). ∎

NOTIS Professional Services
REGISTRATION FORM
Please use a separate form for each registrant.
(*Photocopy as necessary*)

Name: _____

Organization: _____

Address: _____

_____

City: _____

State: _____   **Zip:** _____

Telephone: _____

Workshop Number: _____

Date: _____

Amount Enclosed: _____

Bill My Organization: _____
                    (please supply Purchase Order No.)

Mail with payment to: **NOTIS Systems, Inc.**
                    1007 Church Street, 2nd floor
                    Chicago, IL 60201-3622
                    Attn: Professional Services Secretary