CORRECTION

In the last issue of NOTISes, April #17, there were some pages missing from the MPHL attachment. See Attachment #1 for these pages. Also, there is an additional MPHL document which wasn't included. See Attachment #2 for The MARC Format for Holdings and Locations in NOTIS: the 852 Field.

FORMATION OF NOTIS, INC.

As many of you know, Northwestern University decided earlier this year to reorganize NOTIS as a separate, for-profit corporation completely owned by Northwestern University.

That process is now firmly underway. The incorporation papers are now being drawn up by legal counsel, upon direction of the NU University Board. The new NOTIS corporation will be a Delaware corporation.

In evaluating the best structure for both the University and the corporation, the University decided that NOTIS, Inc. will be a subsidiary of a new University holding company. This holding company will administer the stock of the NOTIS corporation as well as that of another existing NOTIS corporation. Should the University form other ventures in the future, those ventures can be placed under the administration of the holding company.

It is anticipated that the corporation will be actually formed on or before September 1, 1987. At the time of the formation NOTIS, Inc. will issue stock to the University. The University will purchase the stock and will also supply the corporation with additional investment capital. The total investment of the University will be $1.6 million at the time of incorporation.

We all feel that this new structure is the best of all possible worlds. NOTIS continues to be very close to its academic roots, yet able to grow. We know that being a "real" company will put
additional demands on us and on you as our customers. However, this also assures you that we will make the best use of your money, and that we will endeavor to continually provide new and better services.

ALA NOTIS PRESENCE

NOTIS is planning to exhibit at ALA in San Francisco from June 27-30. Our booth number in the convention center is 513. We will demonstrate all of the NOTIS 4.4 features as well as illustrating the new bill and fine functions and the latest prototype of the new indexes.

All of the NOTIS User Services Librarians, two Systems Engineers, and many of the NOTIS managers will be there. We are staying at the Meridien Hotel (phone: 415-974-6400).

Please call if you would like to make an appointment with one of us. Doris Warner is keeping Jane's calendar. If you would like to make an appointment with Jane, call Doris at NOTIS: 312-491-5030.

NOTIS SERIALS INTEREST GROUP TO MEET AT ALA
by Mary Case, Northwestern University Library

The NOTIS Serials Interest Group is planning to meet during ALA at the Lone Mountain Conference Center of the University of San Francisco. The meeting will be held on Sunday, June 28, from 4:30-5:30 p.m. in Room 100.

Located at 2130 Fulton Street, the Lone Mountain Conference Center is about a 15 minute taxi ride from the Union Square and Convention areas. We hope you will be able to join us.

While the meeting is scheduled to adjourn at 5:30, the room is reserved until 6:00. We hope, if the meeting doesn’t take all that time, you will take the opportunity to talk informally with other NOTIS customers or NOTIS staff who may be available.

Lee Bennett of Loyola University of Chicago and Mary Case of Northwestern University are the co-chairs responsible for organizing this meeting. During the meeting we will ask for a volunteer to help Lee arrange the meeting for San Antonio. This person would then be responsible for arranging the meeting for New Orleans with the help of a volunteer from San Antonio, and so on. This rotation should ensure that one of the co-chairs has some experience with the necessary arrangements.

We are looking forward to seeing you in San Francisco!

NOTISes/18 (May, 1987)
Once again, attendance at the Users' Group meeting is limited due to the facilities available to us. Please contact your NOTIS account representative for additional details.

You may want to take advantage of an alternative lodging arrangement: attractive and economical dorms! See the registration letter for more details.

4.4.2 UPDATE TAPE AVAILABLE

A "1.4.2" update tape containing the fixes described in the Troubleshooting sections of the March, April, and May NOTISes will be available June 8. Specifically, it will include the fixes described in problems T13, T15, T16, T19, T25, T26, T28, T29, T31, T42, T46, T47, T48, T51, T52, T53, T55, T56, T58, T60, T61, and T64.

It will also contain L0014 (create unlinked item records from item interface format) which was not included with 4.4.1, the L0859 and 892 programs (Method 2 and 3 global changes), and the L0200 programs (print vouchers) which were sent to VSE users but not NWS users.

If you are interested in receiving this tape, please contact your systems engineer.

NEW OFFICERS Elected at Missouri NOTIS User's Group Meeting

by Cheryl Hiley, Central Missouri State University

The Missouri NOTIS User's Group, which met April 16, 1987, formalized the organization by approving by-laws and electing officers. The new officers are: President, Jim Zink, Southeast Missouri State University; Vice-President/Program Planning Chair, Mollie Niemeyer, Central Missouri State University; and Secretary, Cheryl Hiley, Central Missouri State University.

Susan Lewis, St. Louis Community College, reported on the progress of the project to use the Missouri Union List of Serials (MULSP) to load serials information into each participating library's database. Most Missouri NOTIS users are participating in this project as is the MULSP office. Dave Smith, MULSP, will profile the information in the MULSP database to match MARC format, and will produce a MARC tape for each individual library. Each library will then be responsible for loading their tape utilizing the generic loaders.

The group is continuing to investigate ways to develop a statewide network of NOTIS and non-NOTIS libraries.

PRINTING DIACRITICS ON THE XEROX 4045 LASER PRINTER

by Greg Burris, Southwest Missouri State University

Southwest Missouri State University has succeeded in printing NOTIS reports containing diacritics on a Xerox 4045 laser printer. Jay Woodmansee, Computer Center, has prepared a library automation and circulation, and myself worked together to accomplish this. It is our feeling that this might be a viable alternative for the printing of NOTIS outputs containing diacritic characters.

The process of printing diacritics on the 4045 turned out to be more complex than anyone expected. The report output data had to go through three translation tables before it reached the Xerox 4045. The three translation tables we dealt with were as follows: the RSCS translation table (NOTIS EBCDIC to RSCS EBCDIC), the 3274's translation table (RSCS EBCDIC to DSC EBCDIC), and the protocol converter's translation table (DSC EBCDIC to Xerox ALA ASCII). Xerox created a 4045 font cartridge for us which contained their ALA character set. I did my best to match this character set to the NOTIS EBCDIC character set.

We have printed NOTIS worksheets in a landscape mode on 8 1/2 x 11 inch paper and the diacritics seem to have printed correctly. Certain control codes used by the system had to be avoided. We are using an IBM 3274 controller. The translation table within the 3274 (RSCS EBCDIC to DSC EBCDIC) would not seem to allow any of the NOTIS EBCDIC codes below x'40' to pass through, so I had to map these particular characters to higher, unused codes.

We are presently unable to continue testing this ability. The ADLE 6827 protocol converter which we were using on a trial basis to accomplish the EBCDIC to ASCII conversion had to be returned. This protocol converter allowed us to alter the translation table via connection to a dumb ASCII terminal.

One more quirk was thrown into the process. It is our understanding that RSCS release 4 or above will not allow alteration of the RSCS translation tables. We have not installed the new release of RSCS yet, so we are not certain that this obstacle can be overcome.

Many of you have expressed an interest in our work in this area. If you have specific questions regarding how this printing was accomplished, I'll be glad to try to help you all that I can. A word of warning: Jay Woodmansee, the systems programmer who helped me with this project, has quit (not as a result of the diacritic printing headaches), so any technical questions concerning RSCS may be sketchy answered for now. If anyone stumbles across anything in this area that they think might be of interest to us or if you are already printing your reports on laser printers, please drop me a line or send me a BITNET mail item (OTIS@SHWV).
WOULD YOU LIKE TO JOIN THE NOTIS NEWSLETTER LIBRARY??

Do you have an in-house NOTIS related newsletter? If you do, please send a copy to Ben Schapiro, NOTIS User Services Librarian, for inclusion in our newsletter library.

NEW NOTIS EMPLOYEES

Since the last issue of NOTISes, NOTIS again has grown!

We welcome Laura Higgins to Documentation Services. Laura came to NOTIS from the Acquisitions Department at Northwestern University Library. She is responsible for editing, producing, and distributing NOTIS technical documentation.

Mark Gideonson is a new programmer in Systems Development. Mark worked previously at Sears as a Senior Programmer. He holds a B.A. in Political Science from Northwestern University.

Rita Daniels recently joined Conversion Services as a Conversion Specialist. Rita has a B.A. in Psychology from the University of Dayton and a M.S. in Computer Science from Loyola University.

Deborah Sanders is new to Administrative Operations. Deborah has been working as a temporary for NOTIS for the past few months before joining us as receptionist.

See Attachment #4 for the latest NOTIS staff list.

NOTIS ACCOUNT REPRESENTATIVES

For the latest list of NOTIS account representatives, refer to Attachment #5.

UPGRADE NEEDED ON THE 7171 PROTOCOL CONVERTER

Kay Flowers, of Rice University, wants to notify all NOTIS users who may use the IBM 3163/64 terminals with the ABA character set of a problem with the 7171 protocol converter. The 7171 protocol converter must have EC 9164. For 7171's delivered before May 1986 (roughly), they will need this upgrade. There is no charge with IBM maintenance. To determine your EC level, check the CPU board for a small piece of white tape indicating the engineering change level.

NOTIS libraries should be aware of this problem since it has delayed work at Rice in the OCLC transfer using the IBM 3163/64 terminals.

NOTISes/18 (May, 1987)

PAGE 6
Invoice Tape Load Exception Report: Line Items With Vendor Messages

To use the VITLS programs you must have implemented NOTIS 4.4 and be using it on a production basis. You must also have an active order/pay/receipt record in your database for each current subscription.

Before your library's invoice data can be transmitted via tape, you must provide the vendor with the following information for each current order:

- vendor-assigned customer account number
- vendor-assigned title number
- NOTIS processing unit code
- NOTIS order unit code
- NOTIS purchase order number
- NOTIS order division number
- NOTIS fund code

The vendor needs the first two numbers to find your order records in his files. The NOTIS codes and numbers are used by the VITLS programs to match the vendor's invoice data to the correct order/pay/receipt records and fund records in your database and to create invoice records.

To communicate the above data to your vendor, NOTIS has written the VITLS Extract Program. This program finds all active orders in your database containing a specified VENDOR CODE, extracts the required data from them, and writes it to a tape that you can mail to the vendor.

Your vendor-assigned customer account number (sometimes called the "bill-to number" or "charge-to number") can be plugged into the Extract Program by your local programmer.

The VITLS Extract Program expects to find the vendor-assigned title number for each order in the NOTES (division notes) field in the order/pay/receipt record. The title number should appear there in the following format:

format: ***title number***
example: ***12345***

For those of you who are not yet fully familiar with the new 4.4 version of the NOTIS order/pay/receipt record, the NOTE field is a new field in this record. It should not be confused with the old, familiar NO (internal notes) field.

If you do not have any NOTIS order/pay/receipt records for your serial subscriptions yet, we recommend that you key the vendor's title number in the NOTE field as you create each record.

If you have existing order/pay/receipt records created by conversion from an earlier version of NOTIS, you can use the vendor's most recent renewal invoice as a guide in displaying each record and keying the title number in the NOTE field. At the same time, you can assign new values in the NO (fund code) field in each order scope statement so that this data will be correct when you run the Extract Program.

Use of the Extract Program will result in a tape and a report listing any order/pay/receipt records that do not have vendor title numbers in the NOTE field in the designated format. After you have displayed and corrected these records, the Extract Program can be run again to produce the final version of the tape.

As you create new order/pay/receipt records after producing your extract tape, the MV (note to vendor) field can be used to communicate the vendor and NOTIS numbers to the vendor via the printed purchase order.

Although the release date for VITLS has not yet been determined, we strongly recommend that you plan to have your serial order/pay/receipt records ready for the new programs by entering your title numbers (and assigning new fund codes, if necessary) in advance.

M300 TERMINAL SOFTWARE AND NOTIS

by Carolyn R. Clark, Auburn University

Six of Auburn University Libraries' M300s are configured for printing and dumping records. Two diskettes were set up for each print/dump station: one for printing and one for dumping records to a Telex 476L. In order to switch between these two configurations the diskette currently in use was exited to DOS, the two diskettes exchanged, and a warm boot performed. A label to this effect was placed on the M300 keyboard:

TO SWITCH DISKETTES FOR PRINT OR DUMP
Press CTRL-SHIFT-P8
Switch diskettes
Press CTRL-PROD-DELPARADEL
Press return twice
Since installing the new M300 Terminal Software, a slightly faster method for switching between diskettes has been implemented. Drive A has been labeled PRINT; drive B labeled DUMP. Both diskettes remain in their respective drives during all work sessions. A batch file called SWAP was created on the PRINT and DUMP diskettes using the DOS text editor, EDLIN. The PRINT diskette's SWAP.BAT file contains three lines:

```
ECHO OFF
B:
AUTOEXEC
```

The DUMP diskette's SWAP.BAT is the same except the drive designation has been changed from B to A. Now, to switch between diskettes (and configuration modes), we simply exit to DOS using CTRL-SHIFT-98, type in SWAP, and press return. The current diskette is exited, SWAP specifies the other drive designation and starts the AUTOEXEC.BAT file already resident on that diskette.

This is a very simplistic solution for loading the different configuration files into memory. We hesitate to design a more complex switching program by modifying the AUTOEXEC batch files, because any new release of the terminal software would need to be modified extensively also. We are very interested in learning if any other NOTIS/OCULC libraries have addressed this problem and hope they would be willing to share any schemes which make procedures more streamlined.

E-MAIL AFICIONADOS

A number of NOTIS users have requested that we collect electronic mail addresses and publish a directory. If you send your address and mode to Mary Alice Ball (BITNET#MABBBIE#NUAOC), User Services, she will compile the directory.

UPCOMING INSTALLATIONS

- GTO-RLIN test install at the University of Minnesota: June 2-5
- Michigan State University: June 15-18
- University of Texas at San Antonio: June 23-26
- Consortium of Universities of the Washington Metropolitan Area: July 7-10
- Southeastern Louisiana University: July 7-10

NEWS FROM USER SERVICES

Mary Alice Ball traveled to Central Missouri State University, April 7-9, for training in advanced cataloging and introductory acquisitions. April 13-14 she went to the University of Iowa for advanced cataloging and introductory acquisitions. She visited Tulane University April 23-24 for implementation and introduction to NOTIS.

Kathy Cunningham went to the University of Minnesota April 7-8 for a 4.4 update. She also traveled to Cornell University April 14-16 for training in introductory acquisitions, introductory cataloging, and LUIS. April 27-28 she visited Cherry Creek Schools for circulation and LUIS training. And on April 29 she went to the University of Utah for training in introductory cataloging.

Tom Moline traveled to the National Geographic Society on April 2-3 for cataloging training. National Geographic loaded its database during April. It includes a file of their newspaper clipping collection. He visited the University of Delaware for circulation training April 29-30. The library is using programs LD014, LD025, and LD016 to convert its machine-readable circulation data into item records in NOTIS and generate a tape for barcode production.

Ben Schapiro went with Ben Burrows to the Oklahoma Department of Libraries for circulation and LUIS training April 29-30.
1987 NOTIS USERS' GROUP

PRELIMINARY AGENDA
Thursday - July 30, 1987

DAY 1

SESSION A

7:45 - 8:30
REGISTRATION

8:30 - 12:00
GENERAL SESSION -- FULL GROUP

8:30 - 9:15
General Address (Jane Burke, Director, NOTIS)
- Report on organizational status, past performance, and plans for the coming year
- Report on results of NOTIS Ballot
- NOTIS User Awards

9:15 - 10:00
NOTIS Systems Development Group Project Reports
- Implementation of a Project Methodology
- Keyword/Boolean, Phase II
- Bill and Fine

10:00 - 10:30
BREAK

10:30 - 11:30
NOTIS Systems Development Group Project Reports
- Course Reserve
- Vendor Interfaces Project, Phase I (Invoice Tape Processing)
- MARC Holdings Record
- Generic Transfer and Overlay, (GTO), RLIN, UTFAS, OCLC
- LC Call Number Index Redesign

11:30 - 12:00
ISDO Project Reports
- Index Redesign
- Linked Systems Project

12:00 - 2:00
LUNCH

(N) indicates program for new NOTIS users
DAY 1

PROGRAMS FOR LIBRARY PERSONNEL

SESSION B

2:00 - 3:30 Concurrent demonstrations of NOTIS Enhancements:

(1) 2:00 - 2:15 Bill and Fine
2:15 - 3:30 Course Reserve

(2) 2:00 - 2:15 Keyword/Boolean
2:15 - 3:30 Fund Accounting

(3) 2:00 - 2:15 Index Redesign
2:15 - 3:30 Index Redesign

(4) 2:00 - 3:30 Bibliographic Data Conversion Discussion Group (N)

3:30 - 3:45 BREAK

SESSION C

(1) 3:45 - 5:00 Beyond the Bibliographic Database
(Presentations addressing the scope of the bibliographic database)

(2) Implementing NOTIS -- Small & medium-sized libraries (N)
(Presentations and discussion of approaches to implementing the NOTIS system)

(3) Consortia and Networks (N)
(Discussion session focusing on special concerns of institutions participating in cooperative ventures)

(4) SAS -- NOTIS SUGI
(Conference meeting: Discussing statistical applications of SAS in a NOTIS environment)

SESSION D

PROGRAMS FOR PROGRAMMERS AND LIBRARY PERSONNEL

(1) 2:00 - 3:30 Introduction to NOTIS Tables -- Small & medium-sized libraries (N)
(Presentation and discussion of tables preparation for new users)

(2) Advanced Discussion of NOTIS Tables
(Presentation/discussion -- focus on problem-solving)

(3) 3:30 - 3:45 BREAK

SESSION E

(1) 3:45 - 5:00 MVS Programmers' Discussion Group

(2) VSE Programmers' Discussion Group

DAY 2

PROGRAMS FOR LIBRARY PERSONNEL

SESSION F

8:30 - 10:00 Director's Chair
(Program chaired by Jane Burke focusing on issues of interest to library directors and administrators)

(2) Bibliographic Data Conversion Group (N)
(Discussion session on bibliographic and item conversion programming)

(3) MARC Format for Holdings and Locations
(Presentation/discussion sessions about implementation of new holdings format)

(4) Keyword/Boolean Implementation
(Discussion session of issues & procedures relating to implementing keyword/Boolean)

10:00 - 10:30 BREAK

SESSION G

10:30 - 12:00 Implementing NOTIS -- The One and the Many (for large libraries and consortia) (N)
(Presentation/discussion of issues confronting large libraries relating to system architecture)

(2) Serials Data Conversion
(Presentation/discussion session -- focus on NOTIS' programming for conversion of serials data)

(3) NOTIS - NOTIS User Communication
(Presentation/discussion session addressing new methods of enhanced user communication and information sharing)

12:00 - 1:30 LUNCH

SESSION H

1:30 - 3:00 Concurrent Discussion Group Sessions:

(1) Acquisitions Discussion Group

(2) Cataloging/Authority Control

(3) Circulation Services Discussion Group

(4) Serials Control Discussion Group

(5) Special Libraries Discussion Group

(6) Public Libraries Discussion Group

3:00 - 3:30 BREAK

SESSION I

3:30 - 4:30 WRAP-UP Session -- Reports and unfinished business
PRELIMINARY AGENDA - NOTIS USERS' GROUP MEETING
Friday - July 31, 1987
DAY 2

PROGRAMS FOR PROGRAMMERS AND LIBRARY PERSONNEL

SESSION J

1) 8:30 - 10:00  Implementing 4.5
(Presentation/discussion of issue relating to installation and testing of NOTIS 4.5 software)

2) Cooperative Programming Discussion Group
(Discussion session addressing cooperative development programming)

3) Maintaining VSAM files (N)
(Presentation/discussion -- focusing on the nature and maintenance of VSAM files and records)

10:00 - 10:30  BREAK

SESSION K

1) 10:30 - 12:00  Introduction to NOTIS Tables -- Large libraries and networks (N)
(Presentation/discussion session for new users)

2) Advanced Discussion of NOTIS Tables
(Discussion session -- focus on problem-solving and information sharing)

12:00 - 1:30  LUNCH

SESSION L

1) 1:30 - 3:00  MVS Programmers' Discussion Group

2) VSE Programmers' Discussion Group

3:00 - 3:30  BREAK

SESSION M

1) 3:30 - 4:30  WRAP-UP -- Reports, unfinished business (Programmers)

(N) indicates program for new NOTIS users

DIRECTOR (NUL)
Jane Burke
Doris Verner, Administrative Assistant

ADMINISTRATIVE OPERATIONS (NUL)
Owendloe Agboje, Lead Secretary
Jane Pye, Operations Assistant
Cassandra Gibson, Secretary
Gaye Preston, Manager
Delores Sanders, Receptionist

CONVERSION SERVICES (NUL)
Doreen Bartow, Conversion Specialist
Chris Carlson, Manager
Rita Daniels, Conversion Specialist
Donna Hayden, Conversion Analyst
Elsa Hallman, Conversion Analyst
Patricia Miller, Conversion Specialist

DOCUMENTATION SERVICES (NUL)
Laura Higgins, Tech Doc. Specialist
Tina Houck, Documentation Specialist
Jim Meyer, Manager

MARKETING (NUL)
Mary Burgett, Marketing Librarian
Amy Qualls, Marketing Coordinator
Tim Yemining, Marketing Librarian

SYSTEMS DEVELOPMENT (NUL)
Roger Archie, Senior Programmer
Brenda Gardner, Senior Programmer
Bill Druggat, Senior Programmer
Mark Gideonson, Senior Programmer
Christine Hueker, Senior Programmer
Steve Irahin, Analyst
Roberta Kirby, Analyst
Bruce Miller, Analyst
George Moore, Senior Programmer
Robert Olson, Senior Programmer
Kieran Setzka, Senior Programmer
Peggy Steele, Analyst
Cynthia Villanueva, Senior Programmer

SYSTEMS ENGINEERS (NEL)
John Bedfish, VSE Engineer
Bill Eaton, Senior MVS Engineer
Jorge Fernandez, VSE Engineer
Denny Menasie, Senior MVS Engineer
Jerry Spitz, Manager
Ted Phillips, Senior MVS Engineer

USER SERVICES (NUL)
Mary Alice Ball, Librarian
Ben Burrows, Manager
Kathy Cunningham, Librarian
Dale Hood, Librarian
Susan Gember, Librarian
Tom Holm, Librarian
Ben Schapero, Librarian

NOTIS Stafflist
May 1987
7004
5030
8132
5436
8126
7004/5
7004/5
4271
4273
7004
5095
4273
8126
7004
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nca = not currently assigned  
nm = no conversion necessary