

Numerical
Notes

Analysis
and

Enter
Comments

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UNIVERSITY OF MINNESOTA
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6600 NEWS

SYSTEMS CHANGES

A SIMSCRIPT compiler has been added to the 6600 operating system library. The compiler does not translate source language input directly to binary, but translates the SIMSCRIPT source statements to ASCENT statements and places them in a file named MAPTP. A call must then be made to the ASCENT assembler to complete the translation process. A typical control card sequence for a SIMSCRIPT job would be:

```
SIMS.  
ASCENT(BCDIN,MAPTP,LGO,LGOFIL)E  
REWIND(LGOFIL)E  
LGOFIL.E
```

When using SIMSCRIPT you should expect slow compilation and execution times.

Modifications have been made to the system routines KRAKER and SYSTEM so that when the fatal error #78 is encountered, i.e.

```
*ERROR DATA INPUT* ILLEGAL DATA IN FIELD*
```

the card image being decoded at the occurrence of the error will also be printed out as an aid in finding the cause of the error.

TAPE HANDLING

All 6600 users who have data tapes in the user library should review the information in the March, 1967 newsletter regarding accessing of tapes. Tapes are accessed by placing a REQUEST control card in the job deck. This control card must contain both the storage number of the tape and the name of the user as they appear on the tape label. Any job omitting this information will be immediately aborted.

Tapes must be entered into the 6600 user tape library by Barb Shattuck or Pat Lootens at the Lauderdale site, or by Barb Anderson at the Exp. Eng. site. These tapes cannot be removed from the library without notifying one of these persons.

6600 RUNNING SCHEDULE

Beginning Monday, July 17 the 6600 will be running until 10:00 p.m. each evening.

REMINDERS

Your job deck must have a comment number for identification. Since we serve three sites (Exp. Eng., West Bank, and Lauderdale), the comment number is necessary to determine the destination of the deck.

You may call 4944 for information on the status of your job and reports on delays.

CONSULTANT SCHEDULE

There is a consultant on duty near room 212 Exp. Eng. during the following hours:

Monday	9:00-5:00
Tuesday	9:00-5:00
Wednesday	9:00-5:00
Thursday	1:00-5:00
Friday	9:00-5:00

1604 EXPRESS RUNS

An express service is offered daily for 1604 users. Fortran 60 jobs with a one minute time limit and a thirty page maximum page limit will be run on-line from 12:00-2:00 and 3:00-4:00 daily.

NEW MANUALS

The Engineering Bookstore now has the following manuals in stock:

Fortran Reference Manual	\$2.45
SCOPE 2.0 Reference Manual	1.75
Computer System Reference Manual (6600)	2.85
COMPASS Reference Manual	1.25

VIM DOCUMENTATION

The NAC has a listing of programs available from the VIM organization, and reference copies of the write-ups are also available. See Mrs. Koepke in room 238 Exp. Eng. for further information.

PURCHASE OF CARDS

Beginning June 30, 1967 Data Documents, Inc. will have a contract with the University of Minnesota for the purchase of tab cards. A type 06 requisition with sample cards attached should be submitted to the purchasing department, and delivery can be expected approximately one week after the order has been received by Data Documents. Cards may be ordered in boxes of 2000 or cartons of 10,000.

Your order should specify the stock color and the stripe color. Stock colors available are red, blue, green, brown, yellow, white, and natural. Natural stock may be ordered with stripes of blue, green, brown, red, violet, grey, yellow, salmon, or rose. If you want round corners and left upper corner cut, you must also specify this on the order.

The prices for 1000 cards are as follows:

natural stock, unstriped	\$.90
natural stock, striped	.91
colored stock	.95

Plates for existing designs are furnished without cost, but Data Documents will charge \$30.00 to make plates for new designs.

CARE OF CARDS

As we all know, card handling equipment will get indigestion if we bend, fold, or mutilate tab cards. More generally, mis-reads and card jams will also occur if the bulk cards have been stored improperly. Since cards may double in thickness from absorption of moisture (especially in the humid summer months), they should always be kept under compression to prevent warping or fluffing. Card file cabinets with compressor blocks are best for storage. Partially used or unopened boxes of cards should be stood on end, not laid flat.

NEWSLETTER

Requests for back copies of NAC Notes and Comments, information for this newsletter and changes in our mailing list should be addressed to Mrs. Koepke in room 238 Exp. Eng..