IN THIS NEWSLETTER

DOCUMENTATION.......................... 1

JOB CLASSIFICATION....................... 3

TAPE REQUESTS AND CATALOGING............ 6

MANAGEMENT OF DISK DATASETS.............. 7

INCREASE IN USER'S CORE................... 10

CARRIAGE TAPES........................... 11

PAPER COSTS AND PRINTER OUTPUT.......... 12

This newsletter is published as often as is needed to keep the user community informed as to system changes, upgrades and enhancements, and changes in operations procedures. A copy will be sent to everyone on our "user file". Anyone wishing to be placed on our file or wishing additional copies of the newsletter should notify the Computing Center Secretary. Please direct all questions, comments, suggestions and complaints to Paul Merillat, Director, Office of User Services.
The Computer Center is now selling documentation of system supplied routines for a reproduction charge of 2¢/page. A list of the routines for which documentation exists may be found on the computer center bulletin boards. Each routine is documented separately, enabling the user to purchase only the documentation he requires. Average price per report is about 10¢.

In addition to the program reports, the Computer Center is selling a 75 page report entitled "General Purpose Documentation". This report describes policy, job submission, data sets, user library, available software, tapes, drum cards, phase overlays, debugging techniques, and accounting.

TCC reports may be purchased during normal working hours from the TCC secretary. Purchases of $1.50 or more may be charged.

The Office of User Services has placed several IBM manuals in the Computer Center Library (Workman 6). These are for general use and must remain in the library.

The bookstore sells the following IBM manuals at all times:

1) IBM System/360 Principles of Operation.
2) IBM System/360 Model 44 Program System Assembler Language.
3) IBM System/360 FORTRAN IV Language.
JOB CLASSIFICATION

Any job submitted to the Computer Center falls into one of four service categories. These are: normal, allowable, bulk, and excessive.

Normal refers to those jobs whose limits are all less than or equal to:

- Time = 60 minutes
- Core = 100 K bytes
- Cards punched = 2000
- Lines = 5000
- Plot buffers = 3000

Allowable refers to jobs with one or more limits above normal but all limits less than or equal to:

- Time = 120 minutes
- Core = 100 K bytes
- Cards punched = 10000
- Lines = 25000
- Plot buffers = 3000

or jobs requesting TN train, Forms change, or which use SNOBOL3.

Bulk refers to jobs with one or more limits above allowable but all limits less than or equal to:

- Time = 10 hours
- Core = 200 K bytes
to run in the Normal or Allowable service categories with a reasonable amount of work. Permission to run in Bulk service category will not be given to compensate for a User's inexperience or ignorance; i.e. Bulk use of core memory (over 100 K bytes) will not be permitted simply because a User does not know how to set up a phase overlay structure. If Bulk runs are permitted, a special project name will be set up and the job will be run at most two times per week. The TCC will do its best to provide at least one turn around per week for bulk category jobs.

Excessive jobs will not be run at NMIMT.
MANAGEMENT OF DISK DATASETS

By June 1, 1975, the Computer Center will be managing all disk datasets. The concept of private disks will be replaced by the concept of private datasets. There will be less space available in June than there is now.

Users may begin to prepare for the squeeze by placing all source libraries on tape and by moving private absolute and relocatable libraries to USERLIB.

If USERLIB makes you nervous, use the following to make a savetape of your library:

//SYS002 ACCESS USERLIB(libname),READONLY
//SYS003 ACCESS dssavetp
// LABEL 7200
// [PROTECT dssavetp,n] optional
// EXEC COPY
/&

where dssavetp is the save tape's dataset name
libname is the name of your library
n is 1 or 2 (see newsletter #3)

To restore your library use:

//SYS002 ACCESS dssavetp
//SYS003 ACCESS USERLIB(libname),NEW
// [PROTECT USERLIB(libname),n]
// EXEC COPY
/&

Below are the deck setups to handle source libraries on tape. srcetape is the dataset name of the source tape.
To modify an existing source library:

//any JOB yourname
// CHARGE proj
//SYS002 ACCESS srcetape,READONLY
//SYS003 ACCESS WK1
// EXEC SOURLIB(USE)
  ...
  edit deck
  ...
  EN Dup
/

//ERRLEV 0,EQ
//SYS003 ACCESS srcetape
[  // PROTECT srcetape,n]
//SYSIPT ACCESS WK1
// EXEC SOURLIB(NEW)
/&

To list a source tape:

//any JOB yourname
// CHARGE proj
//SYS002 ACCESS srcetape,READONLY
//SYS003 ACCESS SDOPT
// LABEL 80
// EXEC SOURLIB(USE)

ENDUP

999999999
/&

NOTE: It may be desirable to keep generation datasets for your source library. See the general purpose documentation.
PAPER COSTS AND PRINTER OUTPUT

The cost of paper has more than doubled in the last year and looks like it will double again next year. Hence:

"PRINT ONLY WHAT IS ABSOLUTELY NECESSARY"

The output of one or more jobs steps may be suppressed by:

//SYSOPT ACCESS IGN
...
one or more job steps
...
// RESET SYSOPT

Also remember that the following:

// EXEC FORTRAN(NOSOURCE)
// EXEC ASSEMBLE(NOLIST)
// EXEC PL360(NOLIST)
supress listings.