NOTICE OF CHANGES TO THE OPERATING SYSTEM

As announced in DSN 1, 8, K. C. Matthews' proposed changes to the permanent file FET and to the CATLIST function are introduced with this tape. Interested readers should contact T. W. Lanzatella for a copy of the original proposal which details the changes.

W. J. Elliott discovered that MAGNET appears to be writing an indescriminate EOI on some tapes after a level 3 recovery deadstart is performed. Bill supplied a modification to MAGNET which should correct the problem.

Several months ago K. C. Matthews installed some changes to the PP program 1CK which helped to insure integrity of disk label tracks and TRT's (DSN 1, 5 pp. 4). Kevin supplied an enhancement to these changes which, in the event of a problem, actually turn off the device in question - an added safety measure. Kevin also repaired the PP program SFM which stopped working when we switched to level 8.

Alan Johnston contributed a modification to TELEX which repairs a problem with field length control introduced when we switched to level 8. Alan also supplied a source of his program USERS which, until now, has always been SYSEDITed.

E. J. Mundstock supplied an "unproposed" modification to CALLPRG which adds a new parameter for use on CALLPRG index cards. The new parameter is M and it permits users to specify the access mode of the CALLPRG file. The parameter was added because several "sensitive" accounting programs will soon be running under CALLPRG, and these programs should reside on execute only type files.

Tim Salo supplied a source for the new LOADQ/DUMPQ.

N. L. Reddy supplied an initial version of the source for his version of EXPORT.

Due to extensive changes, K. C. Matthews supplied a complete new source copy of DUMPPF. Users will no longer have to use future DUMPPF.

SYSTEM MAINTENANCE - PEOPLE AND PROCEDURES

Two new individuals have recently joined the SYSTEMS group; Bob Zalusky, a UGRA, who is presently doing a study on KRONOS security and Bill Wells, a GRA, who will be working on system testing and validation programs.

K. C. Matthews will begin to maintain a file of system changes. This file will become available for users via a WRITEUP control card on October 1. The file will be called SYSMODS on user number YZE6001, user index 10000. The file is a public, read mode, indirect access file. Entries in SYSMODS are short; list the date in column 2; all routine names, comments, etc. start in column 11. Some examples of

what we want follow:

```
COL                    COL

2                      11
75/08/13.              SUPIO - CHANGED TO ADD NEW SITE XYZ.
75/08/12.              PFM - CHANGED TO FIX ERROR IN NEW PERMANENT FILE
                             SECURITY CODE.
```

New information is always added to the front of SYSMODS. The following example
demonstrates how to add cards to SYSMODS. Assume, in this example, that you are
under user number YZE6001 and that the new cards are on file XMODS.

```
GET, SYSMODS/PN=STF.
R,XMODS.
COPY,XMODS, NEW.
COPY,SYSMODS, NEW.
PACK,NEW.
REPLACE, NEW=SYSMODS/PN=STF.
```

This will be done for you by KCM (or TWL) if you notify them of the date and the
change. If you are making a change during system time, you are probably using the
CYBER console. Please SUI to 10000 and update file SYSMODS. Entries on file
SYSMODS are never deleted except when the file is periodically cleaned up. For
the present, only operating system routines (not compilers or user libraries) will
be recorded. If this works out, we may later try to add other changes. The
spirit of this whole thing should be informal. We won't purge all your permanent
files as punishment if you forget to make an entry in SYSMODS. But, please try
to update it accurately so that we can convince users that SYSMODS is a believable,
worthwhile file.

Deadstart tape writing schedule - due to the date structure of October, modifications
for the next tape are due on Monday, 29 September. The next deadstart tape will
be installed on the second Thursday of October, 9 October.