
Send all comments, criticisms and contributions to the editor
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This is the pilot issue of an old UCC internal document with a new face. Its purpose is to convey information about deadstart systems on the CYBER 74. The spirit of the newsletter is both utilitarian and academic. The minimum content and most regular topic will be a notice of pending changes to the operating system. Other topics will range from how to deadstart a weekend system to password security through non-invertible functions. The newsletter is partially dependent on literary contributions so the editor would greatly appreciate being let in on any toothsome tidbits of information on the operating system.

NOTICE OF CHANGES TO THE OPERATING SYSTEM

In general, every effort will be made to insure that the newsletter is published prior to installation of a new tape even if the installation must be delayed - this first issue being an exception.

The following changes were implemented on Thursday, 13 February 1975.

KCM added CPM function 72 which uses bit 59 of the LDCW to indicate whether core should be cleared before the next program load. The function is being used in MODVAL and ACCFAM. KCM has also added code to MTR which accumulates statistics on the number of PP requests and the number of honored and denied channel requests.

NLR added code to:

- 1) define plot type files (PLFT).
- 2) process PLFT files in DMQ.
- 3) preset default time limit with DFJT = 16 (decimal) in 2TJ.
- 4) fix a CDC bug in file type checking in QFM.
- 5) fix account file message processing in MTR.

The modification fixes a problem where two account file messages were copied to the same line in the account file because the first message had no terminator.

TWL changed the value of the DDP channel symbol in PPTXT to 24 (octal). TWL also added code to LAJ which outputs a new account file message prefixed by LOSY. The message will be used to gather statistics on CLD type program loads.

In the same vein, EJM added code to CALLPRG which outputs a new account file message prefixed by LOCP. This message will be used to gather statistics on CALLPRG type programs and files.

Bruce Johnson installed two new validation bits in the access word of the VALIDUS file. The new validations are XMIT permission (CXMT) and account open permission (COPE).

Bill Elliott changed ISF so that:

- 1) the express tape data file, RESEXEX, is recovered after every level zero

deadstart instead of having to be regenerated from source.

- 2) the DSD date entry is compared with the last access of VALIDVX in search of a date entry error. An improper date entry can cause problems with tape label processing. WJE also added a new LFM function 40 with corresponding macro GETVSN which returns VSN, processing options, density, code conversion and FST entry corresponding to a (tape) file.

Don Hamnes added several mods to DISPOSE which fix DISPOSE message formats and content. Two new features were also added: one which determines queue priority based on file length and one which allows PLFT files to be disposed. This latter feature includes a new LFM function 50 which releases files to the plot queue.

Alan Johnston changed the CPUMTR request RSB (read subsystem program block) so that a user with CSTP permission is capable of issuing the functions. This change is in preparation for DSDSYM. Alan also installed a mod to LTD from KRONOS level 8 which fixes pot processing and he fixed a problem causing LTD to hang during a dial-in due to a faulty port on the multiplexer. Also changed was the TELEX LIBRARY command to LIB.

The next deadstart tape will be written on Monday, 3 March 1975.