

Library Changes July 11, 1971New Routines

AXISP AXIS routine with more variable parameters†
 EOF RUN/FUN function giving FTN compatibility*
 ISERCH Binary search routine†
 RANGET RUN/FUN function giving FTN compatibility*
 RANSET RUN/FUN function giving FTN compatibility*
 SHIFT RUN/FUN function giving FTN compatibility.* Must be declared
 INTEGER and must be in EXTERNAL statement
 UNIT RUN/FUN function giving FTN compatibility.*

*See FTN manual

†Write-up not yet available

Changes to old routines

AXIS New error checks
 CMXLNEQ Compass version (twice as fast as Fortran version)
 ERPROC Reassembled to shorten code
 LYNE Slightly improved version - faster, less code
 LYNE1 Slightly improved version - faster, less code
 MF501 Interchange of lesser 0 and zero characters; automatic field
 length reduction.
 MXLNEQ Correction of rare case mode 1 error
 ORTHON2 Improved version - faster, more accurate, less code
 QLENTH QLENGTH reassembled with new name of 6 characters
 RKGILL New error checks; previous error checks corrected.
 SCLPLT Improved version - faster, less code, new features (See new
 write-up.)
 UMST500 Recompiled using MNF. Correction to agree with UMST manual:
 0 Format cards = 1 Format card
 UMST510 Recompiled using MNF. Correction to agree with UMST manual:
 0 Format cards = 1 Format card
 UMST520 Recompiled using MNF. Correction to agree with UMST manual:
 0 Format cards = 1 Format card
 UMST640 Complied using MNF. Correction to agree with old UMST manual.

NOTICE**REQUEST CARD

As of July 1 the tape name on the REQUEST card must agree exactly with the name on the tape unless a disable write (DW) is specified on the REQUEST CARD. This means that the operator will not mount a tape with a write ring in it, unless the name and number are exactly specified by the programmer. The operator may give an informative message if DW is specified on the REQUEST card and the names do not match exactly. Note that comments on the REQUEST card must now begin after column 51, so that the tape name only is displayed to the operator (who only sees columns 1-50 on his display screen).

We apologize to any user who has been inconvenienced or exasperated due to inadequate notice of implementation of this change. The change was implemented to help insure that no other user can destroy your tape. The UCC feels that the protection is worth the (usually) slight inconvenience.

CONSULTANTS' SCHEDULE

238 Experimental Engineering*

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00	Elo Tavakley	Ben-Aroya Fraatz	Kinderman Fraatz	Rude Kinderman	Norstad Tavakley
10:00	Elo Tavakley	Ben-Aroya Fraatz	Kinderman Fraatz	Rude Kinderman	Norstad Tavakley
11:00	Elo Tavakley	Ben-Aroya Fraatz	Kinderman Fraatz	Rude Kinderman	Norstad Tavakley
1:00	Rude Fox	Rude Norstad	Williams Fox	Williams Fraatz	Williams Fox
2:00	Rude Fox	Rude Norstad	Williams Fox	Williams Fraatz	Williams Fox
3:00	Rude Fox	Rude Norstad	Williams Fox	Williams Fraatz	Williams Fox

Lauderdale

	Monday	Tuesday	Wednesday	Thursday	Friday
1:30					
3:30	Nordberg	Nordberg	Ben-Aroya	Ben-Aroya	Kinderman

*Note that 232 Experimental Engineering is no longer a consulting room.

External Rate Change

On July 1, 1971, the external CP rate was changed from \$20.00/minute to \$16.00/minute.

SYSTEM NOTES ARCHIVES

In this and future issues of UCC Notes & Comments, this section will repeat System Notes which have appeared on the first page of computer output during the past month. Users who have not run jobs in this period can count on seeing missed System Notes here.

System Notes - TUE 15 JUN 71

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Attention Common File Users:

Common file capabilities will be removed from the system on Monday, 21 June 71. On and after this date common files will not be loaded by the operators and their creation will not be permitted. Jobs attempting to access or create a common file with the control card *COMMON* will be aborted.

Affected users are encouraged to begin converting their jobs to use 841 disk pack files as soon as possible. No charges will be made for file space on the UCC owned disk packs until 1 July 71. All files not removed by 1 July 71 will incur charges beginning on that date. Users are cautioned that creation and destruction of files on UCC owned packs are their own responsibility.

A utility program *LISTPAK* is being developed to extract pertinent information from disk packs. Suggestions concerning its capabilities will be accepted. At present, two options exist:

LISTPAK,VRN,SD=SDNAME. Lists the names and sizes of all files in subdirectory *SDNAME* on the pack specified by *VRN*.

LISTPAK,VRN. Lists the names and sizes of all files on the pack specified by *VRN*.

Additional information concerning the software for the 841 disk packs is available in the April and May UCC Newsletters.

COMPASS Users: Minor improvements have been made in the COMPASS ASSEMBLER. Special note should be taken that the *A* option (Abort on Errors) is default (This is in conflict with the 6000/7000 Compass reference manual but consistent with the previous version of Compass.) To rescind the *A* option specify *A=0*. The meaning of the *D* option has not been changed (thus *D* implies *A=0*).