

UNIVERSITY OF QUEENSLAND

Prentice Computer Centre

NEWSLETTER

authorization: Director of the Centre

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2 CHRISTMAS-NEW YEAR HOLIDAY ARRANGEMENTS

It has been the past policy of the Computer Centre to provide a service over the Christmas-New Year holiday period except for public holidays. On this occasion, however, we have arranged for the installation of our new PDP1090 system over this period so as to cause as little inconvenience as possible to our users.

The system will not be available therefore from midnight on Thursday, 22 December 1977 until 9 a.m. Tuesday, 3 January 1978.

Please let the Director know if there is any work of a critical nature scheduled for processing during this period where delay would cause more than inconvenience.

3 SOFTWARE STATUS

In these times of change and preparation for the new system, it is inevitable that some will suspect that a change we have made to software is responsible for problems in their job. Since the middle of the year, we have been keeping a software status file in which are recorded with date and time any software changes which might be relevant to user programs.

The file is HLP:STATUS.HLP and it is organized on a push-down basis, that is the latest items are at the front of the file and occasionally the oldest items drop off the bottom. A program exists to report on specific software systems; to use it type -

```
.R STATUS  
* <name of system>
```

The name of the system can include wild characters, e.g.

```
.R STATUS  
*FOR*  
.  
.  
.
```

4 SPRINT

For over a year now, the inclusion of . cards in a job deck has caused an advisory message to be issued, suggesting that such cards should be prefaced by a \$TOPS10 card. When this version of Sprint was introduced, it was noted that while the use of this card was not mandatory, it might become so at sometime in the future. It seems likely that the time is now close at hand. The version of Sprint which runs under Galaxy on the new computer now appears to require monitor commands to be included in a \$TOPS10 deck of commands and any job which does not will be aborted.

Over the last few weeks, it seems that Sprint has been applying the defensive [1,2] file protection to some decks which it creates for users. This may have caused quota problems in some cases, for which we apologize. Sprint is presently undergoing extensive changes and we will see that this problem receives attention.

5 RATIONALIZATION OF BCPL FILES

The following rationalization of BCPL files will be implemented as from 19 December 1977. This change has been made to facilitate the support and transfer of this system to the KL10 next year.

- BCPL compiler is on LAN: (no change)
- CGEN presently is on SYS: (no change)
however, changes will be made to
allow it to be transferred to LAN.

- CHEAD.BCL will be put on BCR:
- HEAD.BCL will be put on BCR:
- All runtime REL files will be put on BCR: including
BCPL.CMD
LIB.CMD

Some changes to the BCPL manual are appropriate to reflect these changes. In particular, references to [60,140] should be replaced by appropriate references to BCR: in most cases. Particular changes suggested are -

- p.58 replace get "chead [60,140]" by get "bcr:chead"
" get "head[60,140]" by get "bcr:head"
- p.72 item 5 file is BCR:FNDAPP.REL
- p.101 replace get "CHEAD[60,140]" by get "BCR:CHEAD"
" "HEAD[60,140]" by get "BCR:HEAD"
" get "head.BCL[60,140]" by get "BCR:HEAD"
- p.104 replace .LOAD/REL FOO,@LIB[60,140]
by .LOAD/REL FOO,@BCR:LIB
- p.106 replace GET "CHEAD[60,140]"
by GET "BCR:CHEAD"
- p.117 replace get "DSKB:head[60,140]"
by get "BCR:head"
- p.120 replace ,@lib[60,140]
by ,@BCR:lib
on two occasions
- p.142 replace READ.REL[60,140] by BCR:READ.REL

6 MICROPROCESSOR SOFTWARE

OBJCNV - A microprocessor object file conversion program is now available on MXI: OBJCNV converts between Intel, 8080 and Motorola 6800 microprocessors. Refer to DOC:OBJCNV.DOC for further details.

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