UNIVERSITY OF QUEENSLAND

Computer Centre

WEEKLY NEWSLETTER

Date   :   Week ended 7 October 1971

Authorization   :   Director of the Computer Centre

1.   OPERATIONS

1.1 PDP-10 System

Friday   1 October   Card reader maintenance 1125-1200
                          System failure, offline 1556-1559, 1720-1740
                          System failure, offline 1849-1857
                          Card reader maintenance 2127-2150
                          Dedicated mode 2230-2400.

Monday   4 October   Card reader maintenance 1143-1150, 1225-1300
                          System failure, offline 2035-2055.

Tuesday   5 October   End-of-day accounting procedures, which could
                          not run previous night due to errors 0910-1040
                          System hangup, monitor reloaded 1140-1155
                          System failure 1306-1312, 2000-2042.

Wednesday   6 October   PDP-8 maintenance 0920-0950
                          System failure 2300-2340.

Thursday   7 October   Card reader maintenance 0907-1033
                          End-of-day accounting procedures, which could not
                          not run previous night due to errors 0920-1001
                          System hangup 1200-1315
                          Card reader maintenance 1405-1430.

Schedule for forthcoming week: Maintenance 0700-0900
                                   Operations 1000-2330

1.2 GE-225 System

Schedule for forthcoming week: Maintenance 0700-0900, 2000-2130
                                   Operations 0900-2000, 2130-2400.

2.   CONSULTING TIMES

The consulting times reported in last week's Newsletter were incorrect.
The correct times are as follows:

Monday   2.00 p.m. - 4.30 p.m.

Tuesday   2.00 p.m. - 4.30 p.m.

Wednesday 10.30 a.m. - 1.00 p.m.

Thursday   2.00 p.m. - 4.30 p.m.

Friday   10.30 a.m. - 1.00 p.m.

Would users please check these times since they might have received an incorrect copy last week.

3.   WISP ON THE GE-225

A new version of WISP has been released, which corrects some errors in the garbage collection scheme of compiler and execution package. Operational procedures are unaltered.

This new version has an extended set of standard forms and also uses a special version of MACRO GAP to simplify the definition of standard forms.

4.   PDP-10 FORTRAN

The following FORTRAN statements do not compile correctly under version 23 of the FORTRAN compiler.

```
13ØØ U(I,J)=U(I,J)+L(K,I,1)*L(K,J,2)+L(K,I,2)*L(K,J,1)

14ØØ B=B+2.Ø*(LM(I,J,1)*H(J,I,1)+LM(I,J,2)*H(J,I,2))+U(I,J)*
     1(H(J,I,1)+H(J,I,2))
```

While the FORTRAN manual does not explicitly state any limit to the length or complexity of a statement, users should attempt to avoid unnecessarily complicated statements. Failure to compile an expression usually occurs when it is very long or there are a number of subexpressions or subscript calculations to be performed.