UNIVERSITY OF QUEENSLAND

Computer Centre

WEEKLY NEWSLETTER

Date   : Week ended 24 September 1970

Distribution : Program Librarian, Technical Writer, Computer Users

1. OPERATIONS

1.1 GE-225 System

Normal schedule: Maintenance 0700-0900
                  Operations 0900-2400

Monday   21 September - Card Reader maintenance 0700-0955

1.2 PDP-10 System

Normal schedule: (This schedule was effective from Tuesday 22 September)
                  Maintenance 0700-0930
                  Operations 0930-1500, 1600-2000, 2100-2400
                  Development 1500-1600, 2000-2100

Tuesday   22 September - Maintenance 0700-1320 due to Printer malfunction
Wednesday 23 September - System crash 1035-1335

2. OPERATIONS SCHEDULE BOARD

The schedule board for PDP-10 operations is now in use and is located
in the clients' room for notification of intended running times.
While the Centre will attempt to maintain this schedule as much as
possible, specified times can only be regarded as approximate.

3. FORTRAN COMPILER ERROR

The FORTRAN compiler does not create the correct code when variable
array dimensioning and an Arithmetic Statement Function are used in a
subroutine, as illustrated in the following example:

```
        SUBROUTINE TEST(A,N,B)
        DIMENSION A(N,N)
        FN(X,Y)=X+Y
          .
          .
          .
```

The compiler at present does not create the necessary jump instruction
to skip the execution of the Arithmetic Statement Function on initial entry
to the subroutine. The only solution at present is to reorganize the
subroutine so that an Arithmetic Subroutine Function is not used.
See TM-18.