UNIVERSITY OF QUEENSLAND

Computer Centre

WEEKLY NEWSLETTER

Date   : Week ended 17 December 1970.
Authorization   : Director of Computer Centre.

1.   OPERATIONS

1.1   GE-225 System

Normal Schedule: Maintenance 0700-0900
                       Operations 0900-2400

1.2   PDP-10 System

Normal Schedule: Maintenance 0700-0930
                       Operations 0930-2330

                       Development as required by systems development group.

Monday 14 December   Disk pack diagnostic testing 0930-1030
                       Re-creation of disk after problems during weekend
                       1030-1255.

2.   ERROR IN FORTRAN LIBRARY

The new FORTRAN compiler removed redundant code which restored a register containing the index of a DO loop after some calls to library routines. Unfortunately the occurrence of this redundant code with the previous compiler cancelled the fact that the complex divide routine improperly used this register.

While this error existed, a complex divide operation within a DO loop resulted in an erroneous value being given to the DO loop index after the divide operation.   This problem was corrected on 16 December 70.

3.   LAST NEWSLETTER

This will be the last newsletter for 1970.   The newsletters will recommence on Friday 8 January 1971.