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UNIVERSITY OF QUEENSLAND

Computer Centre

WEEKLY NEWSLETTER

Date : 25 February 1971 Authorization : Director of Computer Centre

1. OPERATIONS

1.1 PDP-10 System

Normal sch	nedı		nance 0700-0930 aring 1000-1700 1000-2230
Friday	19	February	Maintenance to disk errors 1000-1445 Update of accounting files 1445-1630
Monday	22	February	Monitor halt 1145-1150 Maintenance to DECtape handlers 1205-1245 Maintenance to disk errors 1445-1745
Tuesday	23	Feb ruary	Logout errors 1045-1115
Wednesday	24	February	Internal accounting 1000-1045
Thursday	25	February	PDP-8 off line 1000-1445 DECtape maintenance 1700-1850

1.2 GE-225 System

Normal schedule: Maintenance 0700-0900 Operations 0900-2400

2. GE-225 FORTRAN IV

(a) There have been reported some examples of improper calculations and output conversions involving FORTRAN IV real quantities.

Investigation has shown that a problem exists, but that it occurs only intermittently. A hardware error was found to be part of the problem and this has now been remedied, but there appear to be other defects that have not yet been isolated.

So far, this problem has been seen only in the execution of FORTRAN programs and if you have any demonstrable examples of this nature, we would like to see them, so that we can attempt to locate the problem area.

(b) A statement of the form

IF (logical expression) WRITE (11,350)

while correct, is not accepted by the compiler and error message 17 is issued.

It is possible to program around this situation by using the inverse of the logical expression withing the logical IF, and a GO TO statement as in the following example.

IF (.NOT.logical expression) GO TO 21Ø WRITE (11,35Ø) 21Ø CONTINUE

3. LECTURE

150-000

A lecture on 'WISP and Dynamic Storage Allocation' will be given by Mr William M. Waite. At present, time, date, and venue are not known; these details will be publicized later.

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