# UNIVERSITY OF QUEENSLAND
## Computer Centre
### WEEKLY NEWSLETTER

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<tr>
<th>Date</th>
<th>Authorization</th>
<th>Week ended 9 September 1971</th>
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<tr>
<td><strong>Date</strong></td>
<td><strong>Authorization</strong></td>
<td>Director of the Computer Centre</td>
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<td><strong>1. OPERATIONS</strong></td>
<td><strong>1.1 PDP-10 System</strong></td>
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<tr>
<td>Friday 3 September</td>
<td>System failure, offline 1240-1300</td>
<td>Testing of new batch 1315-1743</td>
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<td>Monday 6 September</td>
<td>System failure, offline 1304-1319</td>
<td>Testing of new batch 1330-1750</td>
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<td>Tuesday 7 September</td>
<td>Lister problem, offline 1245-1300</td>
<td>Testing of new batch 1300-1750</td>
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<td>Wednesday 8 September</td>
<td>End-of-day accounting procedures 1030-1103</td>
<td>Card reader maintenance 1130-1145</td>
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<td>Thursday 9 September</td>
<td>System failure, offline 1109-1126, 1333-1510, 1630-1636</td>
<td>Card reader maintenance, 1510-1844.</td>
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**Schedule for forthcoming week:**
- Maintenance 0700-0900, 2300-2400
- Operations 1000-2215

**1.2 GE-225 System**

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<tr>
<th>Date</th>
<th>Maintenance</th>
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<td>Monday 6 September</td>
<td>Line printer maintenance 0950-1050</td>
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**Schedule for forthcoming week:**
- Maintenance 0700-0900, 2000-2130
- Operations 0900-2000, 2130-2400

**2. COMPUTER CLUB MEETING**

The Computer Club will hold a meeting on Friday 18 September in Room B18 of the Engineering Building. The meeting will commence at 1.05 p.m.

**3. PDP-10 FORTRAN**

(a) When using free field input users should be careful not to use a mixture of delimiter characters between adjacent fields. Blanks or any non-standard character can be used as field delimiters, but combinations of these will result in input variables being set to zero as the input routines treat a change in delimiter character as a null field.
example:

The following program:

```fortran
2 WRITE (6,1)
1 FORMAT (' 2 REAL & 2 INTS')
READ (5,5) A,B,J,K
5 FORMAT (2F,2I)
WRITE (6,10) A,B,J,K
10 FORMAT (' ',2F,2I)
GO TO 2
END
```

provides the following results:

```
2 REAL + 2 INTS
1.5A2.6A4A78 2.6000000 4 78
1.5000000
2 REAL + 2 INTS
23.5A6A7<tab>80 5.6000000 7 80
23.0000000
2 REAL + 2 INTS
12.5A4A59A3,2 0.0000000 4 59
12.5000000
2 REAL + 2 INTS
+C
```

(b) Users should beware of specifying constants as the arguments of a call to a routine when that routine involves the exchange of the values of its arguments.

example:

Main program -

```
...
...
X = SOM (2.0,3.0,2)
...
...
```

Function -

```fortran
FUNCTION SOM (A,B,N)
IMPLICIT -- --
IF (A.LE.B) GO TO 10
```


The result of the call to SOM from the main program will exchange the actual values of the constants 2.0 and 3.0. And thereafter 2.0 will have a 'value' of 3 and 3.0 will have a 'value' of 2.