1. OPERATIONS

1.1 PDP-10 System

Friday 26 November System maintenance, 0930-0938
System failure, off-line 1636-1616.

Monday 29 November Processing of monthly invoices, 2000-2330.

Tuesday 30 November Adjustment of accounting files, 0930-1030
System failure, off-line 1138-1300, 1515-1535
2015-2025.

Wednesday 1 December Adjustment of accounting files, 0930-1100.

Thursday 2 December End-of-day accounting job, which could not proceed
previous night due to error, 0930-1035
System failure, off-line 2245-2300.

Schedule for forthcoming week: Maintenance 0700-0900
Operations 0930-2330

1.2 GE-225 System

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

2. MATHPAC/200

The Computer Centre recently received, from Honeywell Information Systems,
the source decks and a single manual for MATHPAC/200, whose contents are
listed below. These routines are written in FORTRAN for the GE-200.
The routines are not incorporated into the FORTRAN IV library, but
source decks or listings could be made available. If sufficient interest
is shown, further copies of the manual will be ordered, but in the
meantime, the Centre will copy sections for interested users. For further
information please contact the Administrative Officer, Mr Jauncey, on
extension 8471.
The set of subprograms referred to as MATHPAC/200 consist of the following:

- Floating-Point Matrix Add Subroutine (MATA)
- Floating-Point Matrix Subtract Subroutine (MATE)
- Floating-Point Matrix Multiply Subroutine (MATP)
- Floating-Point Matrix Scalar Multiply Subroutine (MATS)
- Floating-Point Matrix Transpose Subroutine (MATT)
- Floating-Point Matrix Transpose Special Subroutine (MATTS)
- Floating-Point Matrix Invert Subroutine (MATI)
- Floating-Point Linear Simultaneous Equations Subroutine (SIMEQ)
- Eigenvalue/Eigenvector Subroutine (EIGENJ)
- Eigen Systems Subroutine (EIGENS)
- Floating-Point Polynomial Roots Subroutine (POLRTS)
- Lagrange Table Lookup and Interpolation Function Subprogram ALAGRF)
- Least Squares Curve Fit Subroutine (FIT)
- Differential Equations Numerical Integration Subroutine (DIPF3Q)

There is one section in the manual for each subprogram, with each section giving a brief description of the purpose of the subprogram, together with a description of the manner in which the subprogram may be called in a user's main program.

More detailed information on each subroutine may be obtained by referring to the GE-400 Series MATHPAC Application Handbook (CPB-1161).