

DEFENCE SIGNALS DIRECTORATE

MINUTE PAPER

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MARSIK INSTALLATION

The MARSIK equipment complement is expected to arrive at Melbourne at 11.00 a.m. on 27 February. Current planning is that installation will commence at 8.00 a.m. on Saturday 1 March.

2. The CRAY personnel involved will be as follows:

Installation Team

(SECRET Clearance)
(TS, Indoctrinated)
(" ")
(" ")

Support Engineers

(TS, Indoctrinated)
(TS, To be indoctrinated)
(TS, Indoctrinated)
(Uncleared)
(")

3. The initial phases of installation activity will require supervision, and possibly some assistance by DSD staff. It is proposed that from 8.00 a.m. Saturday the following staff will be present:

(Co-ordinator) (SM)
(AFS)
(AP)

A security attendant

On Sunday, DSD staff present will be:

(Co-ordinator)

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5. It is expected that on both days, involvement of DSD staff will be able to cease by late afternoon. However, as there are many points of potential difficulty, particularly in the movement of the equipment into the building and through to the computer room, a precise schedule cannot be specified.

6. All cleared and indoctrinated CRAY staff will have 24 hour access, and will not require escorting or sign in, apart from the after hours book. CRAY will be responsible for escort and supervision of their own uncleared staff, but sign in by a DSD officer will need to be arranged as required.

7. On Saturday a number of uncleared representatives of the delivery firm (FLIWAY) will be present, and the DSD staff present may assist with escorting as required.

8. The expected sequence of activity for the first 5 days of the installation process is as follows:

SATURDAY - 1 MARCH

- Delivery by FLIWAY
- Movement to computer room
- Placement and assembly by CRAY, including refrigeration connection (Freon charging of RCU's will have been done prior to Saturday)
- Commencement of power cable connections at PDU by BO staff (BO power cabling responsibilities estimated at 60 man hours)
- Removal of packing material by FLIWAY
- Commencement of I/O path rewiring by CRAY (Wiring Gurls)
- Midnight finish.

SUNDAY - 2 MARCH

- 8 - 9 a.m. start
- Continuation of assembly and power connection
- Continuation of I/O path rewiring
- Midnight finish

MONDAY - 3 MARCH

- Continuation of assembly and wiring

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TUESDAY - 4 MARCH TO MONDAY 10 MARCH

- Power on
- Checkout of power/refrigeration over next 3-4 days
- Engineering diagnostics for 7 days.

It is expected that from this point CRAY will be working 24 hours a day.

9. The development of a detailed schedule for the period beyond 10 March will be dependant on the successful achievement of the above objectives. Provided no major hardware problems are experienced, the subsequent activities will be mainly software related. The next major milestones will be the achievement of a 5 day performance and functional test by 4 April 1986, the installation of FOLKLORE by 7 April 1986 and the completion of the 30 day user acceptance trials by 12 May 1986.

SM
26 Feb 86

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