DEPARTMENT OF DEFENCE

MINUTE PAPER

REFERENCE: 5-2-46

SUBJECT: MARSIK VDU'S

ADD

Through: ADS   3/11

As far as we are aware there are no compatible TEMPEST approved VDU's for MARSIK.

2.   The Raytheon VDU's connect to the computer as a high speed peripheral device, and so are dissimilar to most other VDU's on the market.

3.   to lower the emission profile of their terminals. Although quieter, the modified terminals still do not meet any TEMPEST specification, the cost was 3000 pounds per unit and is judged to be marginal in cost effectiveness.

4.   NSA is believed to be investigating the interface of the   to FOLKLORE systems. If they pursue this it offers the most attractive means of obtaining TEMPEST terminals for MARSIK. However it is not certain what timescale may be involved.

5.   It is suggested that for the moment, the following actions should be taken:

    (a) Continue with the plans to provide an expanded terminal
         room on the first floor and to make the CHD room suitable
         for terminals - The cost is relatively low and there are
         a number of other uses which justify a first floor
         terminal area other than MARSIK.

    (b)

    (c)

6.   I suggest that provided provision is made for a shielded terminal room, a decision on the selection of VDU's can be postponed at least 12 months. Even if a TEMPEST successor to the Raytheons is then obvious, it still may be necessary to install Raytheons in a shielded area as an interim measure.

2 Nov 83   SM