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NADS info

to/AP

Library MINUTES, GCHR
File   LOBTERM-1

CHR to SMT via CH   21 July 83

Project LOBSTER - Terminals in CH Area

1. Following our conversation yesterday, have contacted AG and
have been advised that he expects SMT to co-ordinate the
statement of user needs for LOBSTER terminals
Have now been asked by CH to summarize section needs.

KDTs (Keyboard Display Terminals

2. During phase-in of LOBSTER, CH programming and initial
operations will require access to approx six LOBSTER KDTs.
This need is expected to increase to approx 14 x KDTs with
full operational use of LOBSTER.

3. Fourteen KDTs would constitute a 1 for 1 replacement of the
DD7000s linked to BACKER (see note 1) and would provide for a
small increase in CH staff. If however CH staff numbers were
to rise significantly or if KDTs allocated to CH were to be
shared with other elements of DSD, such as CT or SMT2, then
additional KDTs would be required.

    With respect to overall numbers within CH, it is believed that
the KDT/staff ratio should be held at a level of about 1 to 2
and preferably below 1 to 3.

Other Terminals in CH

4. The minimum need for other LOBSTER terminals in CH is,
one medium-speed plot-capable printer and
one (preferably two) lower-speed printers (cf. Model 40).

Location and Access

5. When working on KDTs, CH staff use voluminous materials such
program listings, manuals, logs, worksheets and output from
earlier jobs and can need layoff area of up to twelve square   *12-2?*
feet, six sq.ft. each side of keyboard. For overall utility
the optimal arrangement would be for KDTs to be dispersed
throughout the CH area.

6-10

6. The grouping of KDTs in a small shielded zone within CH would
be a poor alternative as CH area would be continually disrupted
as staff moved their work materials and workplaces.
Also habitability would require transparent shielding and at
least one wave-guide protected entrance lobby.
Any suggestion that LOBSTER KDTs be located in some area remote
from the CH office would have to be even more strongly opposed.

agree
KDB
ADI

EXAMIN

7. If TEMPEST proofing of individual KDTs were not possible,
(print terminals could be located in shielded room 3.17)
then serious consideration should be given to shielding
all or at least a large part of the CH office-area.

Note 1. It is anticipated that there will be a residual need for
access to KDTs linked to BACKER until its rollout.
Within one year of LOBSTER entering operational use,
the need for BACKER KDTs terminals will reduce to
approx eight KDTs and one Model 40 TTY, and a further
year later to approx four KDTs and one TTY until rollout.

2. Approximate figures for KDTs during LOBSTER phase-in,

	Year-1	Year-2	Year-3	Later
BACKER	14	8	4	0
LOBSTER	6	10-12	14	14 plus ?