

~~CONFIDENTIAL~~
DEFENSE SIGNALS DIRECTORATE

MINUTE PAPER

Declassified by ASD - 03/02/2022
Information removed for national
security and/or personal sensitivities

REFERENCE:

SM

NSC ADAPTOR INSTALLATION AND NETEX

1. I would like to install the NSC adaptor for the IBM - A222 and the CYBER - A110 as soon as possible so that network software can be developed and tested. Early installation will, of course, mean an earlier requirement for maintenance money.
2. Techway has received permission from NSC to release IBM and CYBER versions of NETEX and BFX to us for evaluation but the evaluation cannot begin unless the adaptors are installed.
3. CRAY NETEX is not available from NSC yet. Three versions of CRAY NETEX have been found. The pre-release version in PASCAL obtained from NSC last year has problems. The 'C' version has not been sighted but the third version written in CAL and in use at GRUMMANS on Rhode Island is currently talking at a reported 1.5 Megabit rate.
4. The CAL version is supposedly available from CRAY, I will pursue this with Techway.
5. Once we get the code I will need a stable NETEX system to interface it to. Its redevelopment under FOLKLORE should not be difficult given the experience gained with the PASCAL version.
6. Planning for alternatives for the crypt data processing are dependant on a stable and flexible network. TRANSF is not a serious solution to the problem of inter-machine access. TRANSF is required on the short term for MARSIK installation. At the moment NETEX is the only other option.
7. The in-house development of NOS/BE TRANSF cannot be completed until the CYBER adaptor is installed. The NOS/BE TRANSF is critical to MARSIK installation timing as it is the only way of getting data to the CRAY.

A/SMC
3 Feb 86

~~CONFIDENTIAL~~