

0623Z

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PAGE 01

AF AGR/18.3.33&25.2.46./X SM SMT ADD ADS CH ADA

VZCZCSVD115LCA852

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DE #8694 1220541

ZNY MMNSH

R 010539Z MAY 84

FM DSD

TO AUSLO

ZEM

~~SECRET COMINT CHANNELS~~

CITE: SM-011-84

SUBJ: MARSIK

REF: AD-640-84 DTG 252252Z APR 84

CONSIDER INTERACTIVE ACCESS TO A CRAY SYSTEM AS A VALUABLE MEANS OF DEVELOPING SOME LOCAL EXPERTISE IN, AND UNDERSTANDING OF THE PERFORMANCE CHARACTERISTICS OF CRAY MACHINES. BY DEVELOPING UNCLASSIFIED CODE SEQUENCES WE DESIRE TO EXPLORE THE DIFFERENCES BETWEEN 1M MACHINES, XMP MACHINES AND THE YET TO BE RELEASED 1M WITH AN XMP PROCESSOR, ALL OF WHICH CRAY HAVE INDICATED THEY CAN MAKE AVAILABLE TO US IN THE NEXT FEW MONTHS.

2. WE PROPOSE TO ACCESS MENDOTA SYSTEMS FROM TECHWAY OFFICE

3. VIEW TO OUR SPECIFICATIONS AS MUCH LESS SATISFACTORY AS IT WOULD NOT CONTRIBUTE NEARLY AS MUCH TO OUR UNDERSTANDING AS HAVING LOCAL PROGRAMMERS GO THROUGH THE INTERACTIVE PROCESS OF DEVELOPING CODE AND CONDUCTING OUR OWN INVESTIGATIONS.

4. AN ALTERNATIVE WOULD OF COURSE BE INTERACTIVE ACCESS TO A CRAY FOLKLORE MACHINE. HOWEVER, BELIEVE THERE ARE TECHNICAL DIFFICULTIES AND ALSO THAT FOR SECURITY REASONS ACCESS IS NOT POSSIBLE.

5. FOR YOUR INFORMATION, MAIN VALUE OF CRAY VISIT 2-4 APRIL WAS

17A

0623Z 01-05-1984 PAGE 02

IN PURSUING SITE PLANNING, POWER AND AIRCONDITIONING ISSUES. OTHER
ISSUES, SUCH AS ACQUISITION STRATEGY AND KNOWLEDGE OF CRAY FUTURE
PRODUCT PLANS ARE IN MUCH THE SAME STATUS AS FOLLOWING CRAYS FEB 84
VISIT. HOWEVER AUST. GOVERNMENT COMPUTER PROCUREMENT TERMS AND
CONDITIONS, WHICH WERE PASSED TO CRAY DURING FEB VISIT WERE DISCUSSED
AND REFERENCE IN SIGNAL IS TO THE PARAS ON AUST. GOVERNMENT
OFFSET POLICY FOR MAJOR PROJECTS.

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