

~~SECRET~~

NEW COMPUTER

~~HANDLE VIA COMINT CHANNELS ONLY~~

5

Declassified by ASD - 7/02/2022  
Information removed for national  
security and/or personal sensitivities

~~SECRET HVCCO~~

Project Initiation Directive

ADD

~~SECRET~~

~~HANDLE VIA COMINT CHANNELS ONLY~~

~~SECRET~~

~~HANDLE VIA COMINT CHANNELS ONLY~~

5A  
Declassified by ASD - 7/02/2022  
Information removed for national  
security and/or personal sensitivities

Project: LOBSTER

AIM

To investigate the detailed requirements for expansion of DSD's crypt processing computer facilities.

BACKGROUND

Provision has been made in DSD's 82/87 FYDP for a new crypt computer. 5.00m at 81/82 prices has been included, for authorisation 84/85 and expenditure 85/86. For further background see attached excerpts from DSD 82/87 FYDP and supporting documentation.

REQUIREMENT

To conduct an investigation into DSD's requirements for computer support for crypt processing. The investigation should cover projected requirements to at least 1990.

As a starting point for the study, it has been established in preliminary investigations that existing crypt processing resources are inadequate to meet the needs of the next 5 years, and so a major upgrade is required within this timescale.

The end product of this investigation should be a detailed recommendation of the required characteristics for a new computer for crypt processing support. The investigation should include consideration of the following issues:

1. DSD's crypt processing responsibilities for the 1980s
2. requirement for increase in computer power
3. desirability/feasibility of compatibility with NSA/GCHQ, and alternate methods of achieving such compatibility
4. compatibility with/conversion from the CYBER 175
5. scope of requirement: ie what processing will the new computer be required to support, and what components of existing Cyber workload will shift to LIBRETTO

~~HANDLE VIA COMINT CHANNELS ONLY~~



~~SECRET~~~~HANDLE VIA COMINT CHANNELS ONLY~~

Declassified by ASD - 7/02/2022  
Information removed for national  
security and/or personal sensitivities

6. interconnection with other processing facilities
7. schedule for phase out of CYBER 175
8. survey of available computer systems to fulfil the requirement
9. site planning implications

PROJECT LEADER

SM

TARGET DATE

January 1983

DATE OF ISSUE

January 1982

~~SECRET~~

~~HANDLE VIA COMINT CHANNELS ONLY~~

5C  
Declassified by ASD - 7/02/2022  
Information removed for national  
security and/or personal sensitivities

DISTRIBUTION

ADS

ADD

ADC

ADA

DP

SM

SE

CH

CHR

CT

CO

SMT

SMT2

SP

SMP

SMR

~~SECRET~~

~~HANDLE VIA COMINT CHANNELS ONLY~~