DEPARTMENT OF DEFENCE

MINUTE PAPER

REFERENCE:

SUBJECT: VISIT BY CRAY PERSONNEL

ADS SM SMT (2) CHR ADC ADD CH

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Representatives from CRAY Research and their Australian agent Techway, will be visiting DSD for discussions on their current and future products on Tuesday 15 February 1983, from 0900 onwards. visitors will be:

- , Managing Director, Techway Pty Ltd
- , Marketing Manager, Cray Research, Minneapolis
 - , Manager, Cray Research, U.K.

Discussions will be held in the SM training room commencing at 0930. Some initial suggestions of topics for discussion are attached.

It is suggested that those who will be attending some or all of these discussions may like to add further topics or expand those I have set down. I would appreciate any such additions be returned to me by 1000, Monday 14 February 1983.

10 February 1983



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Some Initial Suggestions for Topics for Discussion With CRAY

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- General company view of the trends of their market and their development plans
 - rate of increase of performance demands for supercomputers;
 - technology trends of relevance;
 - trends in architectural techniques;
 - timescales
- Product plans for systems with the 1 series/X series architecture (specifically in time frame allowing order by mid 85, installation by mid 86)
 - a one processor X series machine?
- 3. CRAY 1M Performance Characteristics (presumably memory is main difference to 1S)
 - availability of 3 IOP configuration
- 4. Support Issues:

Hardware:

- on site, what size team?
- inclusion of support for other products; tapes, NSC adaptors, Raytheon PTS terminal sub-systems
- support of MG sets, condensors
- PM requirements
- availability expectations (note: most CRAY users presumably are in a research environment, ours is operational)
- what level of dependancy on U.S. for spares stocks or expertise would there be?

Software:

- use of non CRAY O/S
- availability of on site software support from supplier

Security

- inform CRAY of our requirements