

DEFENCE SIGNALS DIRECTORATE

MINUTE PAPER

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AP

Through: ADA

MARSIK CHILLED WATER SUPPLYReference: APW Minute of 11 March 1986,
same topic.

Although it appears that the chilled water supply is adequate for the current configuration, upgrade capacity is required and thus it is necessary for the chilled water supply to be able to support the loads indicated in para 14 of CRI drawing UP4015.

2. I understand the original chilled water design criteria was for 310Kw dissipation, and the increased dissipation to water of the para 14 configuration is 274Kw. Therefore it is suggested that H&C be requested to bring the capacity up to the specified design requirement.

3. On a related matter, I understand that although the chilled water supply servicing MARSIK has an auxiliary pump, it has a much smaller capacity than the main pump, and thus is of limited value as a backup. Would it be possible to upgrade this backup pump to the same specification as the main pump?

SM
18 Mar 86