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26/2/54

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Defence Signals Division,  
C/O Defence Registry,  
Victoria Barracks,  
St. Kilda Road.  
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8th May, 1970

D. of C. RAN,  
Department of Navy,  
Russell Buildings,  
Canberra. A.C.T.

INTERNAL BUILDING LAYOUT SHOAL BAY

The following comments on the proposed internal layout of the Shoal Bay station, drawing DWE 80071 refers, are forwarded for your consideration.

(a) MAIN SET ROOM (C13).

It is suggested that for a set room of this size two supervisors and consequently two supervisory positions, would be needed in order to provide adequate supervision. It is further suggested that the layout of the consoles, as shown, is not conducive to efficient supervision and that the Supervisors should have an unrestricted view of all positions i.e. that position of consoles should be linear in respect to the length of the room. It is suggested that the siting of the aerial exchanges between the Morse and Non-Morse areas will restrict enlargement of either area should this become necessary at a date subsequent to the station becoming operational.

(b) POSITIONS

By experience over a period of time it has been found operationally convenient and more efficient to locate [redacted] operating positions in an enclosed area separate from other forms of operating, this facilitates quicker readback and intercept conditions particularly where weak signals are encountered. However if this is not practicable then a separate readback [redacted] studio is mandatory.

(c) PIGEON HOLES FOR FILING

It is suggested that 12 x 12 x 12 would seem rather large dimensions for filing pigeon holes 6"H x 10"W x 12"D would appear preferable.



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(d)

It is suggested that provision for [redacted] control position should be made in the main set room with line access and communication to all positions.

(e)

PROCESSING AND CONFERENCE ROOMS

Suggest that ample provision be made in both areas for Wall Maps, Charts etc some of which, particularly in the processing area, would need secure screening.

(f)

CONFIDENTIAL WASTE

From the drawing it would appear that all confidential waste from the main set room will need to be conveyed to the incinerator area through either offices or workshops and it is thought that some form of direct access should be available from the set room.

(g)

Finally, it is thought that the whole of the Sigint operation should be a completely secure area (not just the processing section). It is noted however that certain areas will need additional limited access within the entire secure area.

[redacted]  
for Director, DSD

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