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7/6

**OUT** MESSAGE

D.4784/7.51—C.3712

Precedence	<b>PRIORITY</b>	DSB File	Cy. Ser. No.
TO	GCO SINGAPORE	FROM DSB	Circuit

Classification ~~SECRET CHUTE~~

LIEVEN FROM RENDLE. YOUR 180604. TOUGH ASSIGNMENT AT THIS STAGE OF PROCEEDINGS, HEREWITH RANDOM JOTTINGS RATHER THAN SKELETON NOTES. HAPPY TO ANSWER ANY SPECIFIC QUESTIONS.

A. CAF7/CAF 61 DEFICIENCIES - CAUSES AND REMEDIES.

1. MAJOR CAUSES.

(a) THREE DIFFERENT AUTHORITIES CONTROL PARTS OF THE CIRCUIT -

[REDACTED] WHILE CO-OPERATION BETWEEN THESE AUTHORITIES GIVES NO CAUSE FOR COMPLAINT, IT IS OBVIOUS THAT ONE CONTROLLING AUTHORITY WOULD PRODUCE BETTER RESULTS.

REMEDY. FOR ONE AUTHORITY TO CONTROL THE CIRCUIT. THIS HAS BEEN PARTIALLY ACHIEVED BY THE APPOINTMENT OF ONE OFFICER IN FEAF TO LOOK AFTER SIGINT COMMUNICATIONS IN THE FAR EAST. IT IS SUGGESTED THAT THIS OFFICER BE GIVEN AUTHORITY TO CONTROL BOTH RAAF TERMINALS AND DSB TERMINAL FOR THIS PARTICULAR CIRCUIT.

(b) (i) THERE ARE TOO MANY RELAY POINTS IN THE CIRCUIT, NAMELY 7. THIS MAGNIFIED EQUIPMENT, MAINTENANCE AND OPERATING FAULTS SEVENFOLD.

(ii) DSB HAS EVIDENCE TO SHOW THAT THE MOST TROUBLESOME POINTS (IN ORDER) ARE: [REDACTED]

REMEDY. REDUCE THE NUMBER OF RELAY POINTS. THIS IS POSSIBLE IN

DIR	ML	MLD	MH	MHR	MS	MSC	MSO	MSS	MQ	MT	MZ	MZC	SUKO	FUS	SIG	SIG 1	SIG 2

DTG \_\_\_\_\_ Sig. Off. Typing (if any) \_\_\_\_\_ Registered by \_\_\_\_\_ System Indicator \_\_\_\_\_

Encrypted By \_\_\_\_\_ Checked By \_\_\_\_\_ Routed By \_\_\_\_\_ File \_\_\_\_\_



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TWO WAYS: (1) ESTABLISH A DIRECT CIRCUIT BETWEEN [REDACTED]  
 [REDACTED] THIS WOULD ELIMINATE THREE POINTS, TWO OF WHICH ARE LISTED AS THE MOST TROUBLESOME IN (b) (ii) ABOVE.

- (11) MOVE THE REPEATER AT SINGAPORE TO THE RECEIVER STATION.
- (iii) IMPROVE THE STANDARD OF SERVICING REPEATER AT SINGAPORE: PROVIDE AN ADDITIONAL SPARE REPEATER. (iv) IMPROVE STANDARD OF TRANSMITTERS AND RECEIVERS AT POINTS MENTIONED.

2. MINOR CAUSES.

(a) LACK OF COMMON AVAILABILITY ON [REDACTED]

REMEDY (i) USE DIRECT [REDACTED] CIRCUIT

(ii) ARRANGE MORE SUITABLE SKEDS.

(b) POOR RADIO CONDITIONS

REMEDY (i) USE HIGHER POWERED TRANSMITTERS

(ii) USE MORE SUITABLE FREQUENCIES

(iii) ARRANGE MORE SUITABLE AKEDS.

3. NOTE. IT IS SUGGESTED IN CONSIDERING THIS SUBJECT THAT THE REPORT OF THE INSPECTOR OF RADIO SERVICES BE READ IN CONJUNCTION WITH OTHER PAPERS.

B. TACTICAL SIGINT.

- 1. HONG KONG. CONSIDER YOU SHOULD STICK TO SINGAPORE CONFERENCE RECOMMENDATIONS UNLESS SOME STARTLING NEW FACT HAS EMERGED.

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2. MALAYA. YOU WILL DOUBTLESS START OFF BY STRESSING ESSENTIAL  
 NEED FOR INTERSERVICE SUBCENTRE GIVING CLOSE SUPPORT TO TACTICAL  
 UNITS. MY PERSONAL VIEWS ON NEEDS OF EACH SERVICE ARE AS FOLLOWS.

(A) NAVAL. FIRST POINT IS HF DF ORGANISATION. CONSIDER MOST  
 EMPHATICALLY (AND AM SUPPORTED BY [REDACTED]) THAT THIS SHOULD BE  
 INTEGRATED WITH SIGINT NETWORK AND CONTROLLED BY SUB-CENTRE WHICH  
 WOULD HAVE APPROPRIATE RN REPRESENTATION.

SECOND POINT: EXPLOITATION OF LOW GRADE TRAFFIC. IN VIEW OF SMALL  
 SCOPE OF PROBLEM, CONSIDER THIS SHOULD BE MADE TASK OF SUB-CENTRE AT  
 DEPENDENT INTERCEPT STATIONS. SEE NO GOOD REASON FOR SEPARATE  
 TACTICAL NAVAL EFFORT.

(B) MILITARY. MY OWN VIEW IS THAT TACTICAL PROBLEM SHOULD BE  
 CONFINED TO EXPLOITABLE COMMUNICATIONS PROBABLY FROM DIVISION  
 DOWNWARDS LEAVING SUB-CENTRE AND DEPENDENT STATIONS TO LOOK AFTER  
 MAIN CCM COMMUNICATIONS. ANSWER SEEMS TO ME TO BE A-TYPE PLUS  
 FORCE OF [REDACTED] LINGUISTS (?THIRTY TO FORTY) FOR LLVI DETACHMENTS  
 AND THREE TRANSPORTABLE DF's. (NOTE: IT SEEMS LIKELY THAT VOICE  
 MORSE IS ON WAY OUT).

(C) AIR. MUCH MORE TRICKY. PROBLEMS TO BE FACED ARE [REDACTED]

SUGGEST 12 W/T TEAMS PLUS

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8 VOICE TEAMS PLUS 2 HF/DF PLUS 2 SPTS PLUS 1 VHF/DF. [PART AT  
 LEAST OF VOICE PROBLEM SHOULD RPT MIGHT BE WITHIN SCOPE OF  
 LINGUIST OPERATORS]. SUBSTANTIAL ASSISTANCE ON THIS  
 PROBLEM COULD BE EXPECTED FROM "STRATEGIC" STATION AT  
 WHICH IN EARLY MONTHS WOULD IN ANY CASE PROBABLY BE MUCH BETTER  
 PLACED FOR THESE TASKS.

(D) CLANDESTINE. WOULD NEED INTERCEPT DETACHMENTS BUT SHOULD  
 REMAIN PROVINCE OF SUB-CENTRE.

3. ELSEWHERE. NO REQUIREMENT THAT I CAN SEE WHICH IS NOT  
 ALREADY COVERED BY "STRATEGIC" ORGANISATION.

4. UNLESS ESSENTIAL I WOULD SUGGEST LEAVING QUESTION OF WHICH  
 COUNTRY (AS AGAINST WHICH SERVICE) IS TO PROVIDE SERVICES TO LATER  
 DISCUSSION (THIS WILL NOT BE SUITABLE FOR DISCUSSION AT  
 SEPTEMBER CONFERENCE ALTHOUGH QUOTE THERE WILL BE OPPORTUNITY FOR  
 EXCHANGE OF QUOTE INFORMAL VIEWS UNQUOTE UNQUOTE )

DIR	ML	MLD	MH	MHR	MS	MSC	MSO	MSS	MQ	MT	MZ	MZC	SUKO	FUS	SIG	SIG 1	SIG 2
X																	

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