

DSD	FILE	FOLIO
31	9	118
		92

DISTR - ADC ADD QAR SUSLO FILE

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Information removed for national
security and/or personal sensitivities

FILE 30/3/25



*Kevin
Bang 7/2/67
Jock
John H.
DH. G. 2.5.8.*
→ *BAR 31/9/118*

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FM DSD
TO AUSLO(W)
INFO CLO
ZEM

~~SECRET COMINT CHANNELS~~

CLO FOR M18

ARDF AT AUM352 (MY 072320/2, PARA5)

OPERATIONAL TRIALS NOW COMPLETED AND, AS RESULT, IT HAS BEEN DECIDED
TO DISCONTINUE TESTS OF

. MAIN REASON FOR FAILURE

IS THAT SYSTEM REQUIRES ALMOST CONTINUOUS TARGET TRANSMISSIONS FOR
10 TO 15 MINUTES TO OBTAIN FIX AND TRANSMISSIONS OF THIS LENGTH
ARE RARE. OTHER FACTORS INCLUDE INSTABILITY OF VC TRANSMISSIONS AND
SOME EQUIPMENT PROBLEMS. ACCURACY ON TEST TRANSMITTER CONFIRMED AS
800-2000 METRES (PARA 3 OF MY REF. SIGNAL). ON TARGET TRANSMITTERS
ERROR CALCULATED TO BE 3000 METERS IN ALL CASES, WHICH IS MAXIMUM

92A
ERROR ACCEPTABLE TO TASK FORCE FOR BATTALION OR LARGER SIZED UNIT.

2. WE STILL INTEND TO CONDUCT FIELD TRIALS IN AUSTRALIA DURING MARCH ON COMBINED FIELD STRENGTH MEASUREMENT/FERRITE ROD SYSTEM DEVELOPED BY WRE. IF SUCCESSFUL THIS SYSTEM COULD OVERCOME MAJOR PROBLEM OF LENGTH OF TRANSMISSION.

3. ALTHOUGH FULL DETAILS NOT AVAILABLE UNDERSTAND FROM RICHARDS (AUM352) AND GORMAN (VISITING AUM 352) THAT

(C) THIS, TOGETHER WITH EXPERIMENTS IN RADIO STEERAGE, HAS RESULTED IN INCREASED NUMBERS OF FIXES ON WANTED TARGETS. UNDERSTAND ALSO WORKING ON SAME LINES.

4. WE WOULD BE INTERESTED TO HAVE SOME DETAILS OF

270

NNNN