

RR

DE 59 0500632

R 192230Z

DSD	FILE	FOLIO
31	9	118
		166

FM ARMY CANBERRA

TO AUM 352

DSD

WEAPONS SALISBURY

INFO

ZEM

~~SECRET COMINT CHANNELS~~ M18/1007

FROM M18. SSL.

ONE. A CONFERENCE WAS HELD IN CANBERRA 13 FEB 69 BETWEEN

ARMY/WRE/DSD TO DISCUSS THE RESULTS SSL TRIALS BEING CONDUCTED

BY AUM 352. THE FOLLOWING OBSERVATIONS WERE MADE

ALFA. TRIAL RESULTS TO DATE INDICATE THAT THE SSL HAS SHOWN

DEFINITE BUT LIMITED PROSPECTS FOR USE AS AN OPERATIONAL

AID AT TF LEVEL

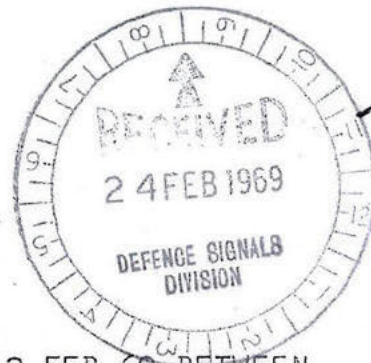
BRAVO. MORE DETAILED TRIALS ARE REQUIRED AGAINST KNOWN TRANS-

MITTERS IN ORDER TO GAIN A GREATER DEPTH OF TECHNICAL PERFORM-

ANCE DATA PRIOR TO ANY FURTHER TESTING AGAINST OPERATIONAL

TARGETS

CHARLIE. PRESENT INDICATIONS ARE THAT THE SYSTEM COULD HAVE



AN OPERATIONAL ROLE FOR PERIODS OF UP TO 2 HOURS POST SUN
RISE AND 2 HOURS PRE SUN SET

TWO. PRIOR TO ANY RECOMMENDATIONS BEING MADE ON THE POSSIBLE
INTRODUCTION OF THIS EQUIPMENT INTO OPERATIONAL SERVICE MORE
DETAILED INFORMATION WILL BE REQUIRED ON THE FOLLOWING ASPECTS

ALFA. DEFINITE TIMINGS ARE REQUIRED AS TO THE ACTUAL PERIODS
IT MAY BE EXPECTED THAT THE SSL COULD ACCEPT OPERATIONAL
TARGETS. CONFIRMATION OF THESE TIMINGS WILL NEED TO BE PROVEN

BY A DEPTH OF ACTUAL RESULTS AGAINST KNOWN TRANSMITTERS

BRAVO. PARTICULAR ATTENTION SHOULD BE PAID TO THE PERIODS

IMMEDIATELY POST SUN RISE CMM PRE SUN SET AND POST SUN SET

AS THESE TIMES WOULD BE OF OPERATIONAL IMPORTANCE IN THE EVENT
OF THIS EQUIPMENT BEING USED OPERATIONALLY

CHARLIE. IF CMM AS EXPECTED CMM THE SSL HAS VERY DEFINITE

LIMITATIONS AS TO THE HOURS IT MAY BE USED CMM POSITIVE

INFORMATION WILL BE REQUIRED ON WHAT PRODUCTIVITY MAY BE

EXPECTED DURING THE TIMES THE SYSTEM IS USABLE

DELTA. DETAILS OF THE BEARING AND RANGE ACCURACY THAT MAY BE

EXPECTED WILL BE REQUIRED FOR TARGETS BOTH BELOW AND ABOVE

KMS. THESE RESULTS TO BE BASED ON RESULTS AGAINST KNOWN

TRANSMITTERS

ECHO. IF RANGE ESTIMATE IS NOT POSSIBLE AT CERTAIN PERIODS

TESTS SHOULD BE CONDUCTED TO DETERMINE IF IT IS POSSIBLE TO
OBTAIN LINE BEARING ONLY RESULTS DURING THESE PERIODS
THREE. APART FROM ANY OPERATIONAL NEED THAT MAY ARISE TESTS
DURING THE FIRST MONTH OF THE NEW TRIAL PERIOD SHOULD BE
CONDUCTED ONLY AGAINST KNOWN TRANSMITTERS IN ORDER TO GAIN
MAXIMUM TECHNICAL INFORMATION

FOUR. IN ORDER TO GAIN THE ADDITIONAL INFORMATION REQUIRED
CMM DCGS HAS APPROVED SUBJECT TO AGREEMENT BY COMD AFV AND
COMD 1 ATF THAT AN ADDITIONAL TRIAL PERIOD OF 2 MONTHS WEF
14 MAR 69 WILL BE UNDERTAKEN

FIVE. RESPONSIBILITIES FOR ACTION IN THE NEW TRIAL PERIOD WILL
BE AS FOLLOWS

ALFA. WRE.

(1) DETAILED INSTRUCTIONS TO AUM 352 ON THE METHOD THE TRIALS
WILL FOLLOW IN ORDER TO GAIN THE ADDITIONAL INFORMATION LISTED
ABOVE

(2) PROVISION OF TWO TO AUM 352 FOR USE ON
TEST TRANSMITTERS

(3) DAY TO DAY ANALYSIS OF RESULTS OBTAINED

(4) PROVISION OF TRIAL REPORT WITHIN 14 DAYS OF THE CONCLUSION
OF THE TRIAL

BRAVO. M18.

PROVISION OF THREE OPERATORS FROM 121 SIG SQN FOR ATTACHMENT TO
AUM 352 FOR THE PERIOD OF THE NEW TRIALS

CHARLIE. DSD.

TO AGREE THE TEMPORARY WITHDRAWAL OF THREE OPERATORS FROM
FOR THE DURATION OF THE TRIAL

DELTA. AUM 352.

- (1) PROVISION OF ANY ADDITIONAL MANPOWER REQUIRED FOR THE TRIAL
- (2) CONDUCT OF THE TRIALS ALONG THE LINES LAID DOWN BY WRE
- (3) DAILY SIGNALLING OF THE RESULTS OF THE TRIALS TO WRE
- (4) PROVISION OF AUTOMATIC KEYERS AND LIAISON WITH CSO HQ AFV TO
ENSURE THAT TRANSMITTERS ARE KEYED AT THE REQUIRED TIMES

480 480