

**Series: AWM95**  
**Australian Army commanders' diaries**  
**[Vietnam]**

**Signals units**

**Item number: 6/5/2**

**Item: 709 Signal Troop**

**Narrative**

**Annexes**

**[1-31 Jul 1965]**



PART 1

COVERING LETTER

Reference No. *117/3/2(6)*

To: OIC, Military History Section, AHQ.

*R.R. 9/3/66*  
*at*

1. I enclose Commanders Diary (AF C2118) (Adapted)  
as indicated at Part 2.

2. Please return receipt below.

(Signature) ..... *R. J. ... Capt.* .....

Appointment . *OC. 709.* Sig. Tp. ....  
(OC Unit or senior officer)



SECRET

ORIGINAL ) Strike out where  
 DUPLICATE) not applicable

## COMMANDERS DIARY

of

Unit or Formation ... 709 SIG TROOP .....

From ... 1 July 1965 ..... To .... 31 July 1965 .....

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Narrative (AF C2118)

Enclosure Numbers

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± NIL  
 ± Retained  
 ± Despatched to

on .....

\* Only to be included during operations.  
 ± Cross whichever is not applicable out.



WAR DIARY or INTELLIGENCE SUMMARY  
(Erase heading not required)

Unit.....709. Sig. Troop.....Date and Time.--From...1. July. 1965.....To. 31. July. 1965.....

Place	Date	Hour	Summary of Events and Information	Remarks and References to appendices, diaries, &c.
SAIGON	1 Jul 65	-	OC Tp discussed <del>summary</del> space requirement in new building (HQ AAFV)	
SAIGON	2 Jul 65	-	Maintenance problem with Crypto equipments	
SAIGON	3 Jul 65	-	Nothing to report	
SAIGON	4 Jul 65	-	Maj BODGER arrived on det - discussed Sig problems with Staff	
SAIGON	5 Jul 65	-	Maj BODGER visit all sites - discussed space allocation to Sigs. Tp to work 12 hr shifts to give reserve	
SAIGON	6 Jul 65	-	Nothing to report	
SAIGON	7 Jul 65	-	Defence works Tx Site complete. Policy on AUSTEMBA Tfc rec.	
SAIGON	8 Jul 65	-	All Crypto equipments failed.	
SAIGON	9 Jul 65	-	Mast erected HQ AAFV Building - Tx failure - New Crypto centre opened	
SAIGON	10 Jul 65	-	Nothing to report	
SAIGON	11 Jul 65	-	Nothing to report	
SAIGON	12 Jul 65	-	Nothing to report	
SAIGON	13 Jul 65	-	Nothing to report E513 failure estimate 20 hrs to repair	



WAR DIARY or INTELLIGENCE SUMMARY  
(Erase heading not required)

Unit..709. Sig. Troop.....Date and Time.--From...1. July. 1965.....To..31. July. 1965.....

Place	Date	Hour	Summary of Events and Information	Remarks and References to appendices, diaries, &c.
SAIGON	14 Jul 65	-	Nothing to report	
SAIGON	15 Jul 65	-	Local On Line sipher test satisfactory	
SAIGON	16 Jul 65	-	SINGLET equipment received	
SAIGON	17 Jul 65	-	OLC Instl in operation- Liaison visit to AUSTEMBA on provision of cct.	
SAIGON	18 Jul 65	-	Nothing to report	
SAIGON	19 Jul 65	-	Trial OLC conference cct to AHQ	
SAIGON	20 Jul 65	-	Nothing to report	
SAIGON	21 Jul 65	-	E513 Failure	
SAIGON	22 Jul 65	-	TRC 75 failure during tests	
SAIGON	23 Jul 65	-	Nothing to report	
SAIGON	24 Jul 65	-	Nothing to report	
SAIGON	25 Jul 65	-	TRC 75 tests complete. Worked RTT to MELBOURNE. Nil success CW test to 2 Sig Regt	
SAIGON	26 Jul 65	-	Nothing to report	
SAIGON	27 Jul 65	-	Nothing to report	



## WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required)

Unit...709 Sig Troop.....Date and Time.--From 1 July 1965.....To 31 July 1965.....

[illegible]



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5 Jul 65

Jul. £ 1  
Original.

R 050820Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

CONFIDENTIAL SIGS052. ARRIVED THEATRE 042220Z. SPENT DAY  
INSPECTION HQ AREA CMM DISCUSSION SIGS ASPECTS STAFF AND COMD. SERVICE  
SPACE PROBLEMS EXIST CMM WILL REPOT THESE AND EQPT PROBLEMS AFTER  
INSPECTION TX AND RX SITES 5 JUL. TODAY INDEPENDENCE DAY CMM  
5 JUL PUBLIC HOLIDAY HERE NO OPPORTUNITY US LIAISON UNTIL 6 JUL  
BT



E 2

05JUL65

FROM AUSTCAN VIETNAM

TO ARMY CANBERRA

SECRET SIGS 057. SITREP 050800Z. ONE. LOCS. ALPHA. SIGCEN EQPT  
EXCL CRYPTO FACILITIES STILL LOC IN VEH. SPACE IN EXISTING HQ A  
PREMIUM. NEW LOC OF HQ PLANNED ADJACENT BLDG. CURRENTLY NEGOTIATING  
SIGCEN AREA. OCCUPATION MAY RPT MAY COMMENCE THIS WEEK. IN THIS EVENT  
INTEND TRANSFER TG AND TONE EQPT SUFFICIENT ONE CFS CHANNEL , AND  
SUBSEQUENTLY INSTAL REMAINDER TG AND TONE EQPTS,. BRAVO. TX SITE.  
NO SPACE PROBLEM. CHARLIE. RX SITE. LIMITED ANTENNA SITES. STARCOM  
ANTENNA POINT APPROX DIRECTUON. WILL ATTEMPT NEGOTIATE US STAFF  
USE ALTERNATE ANTENNA. THIS MAY NECESSITATE PROVISION 6 CCT ISOLATORS  
SPS SOURCES ENABLE FREEDOM ANTENNA ACCESS. WILL ADVISE. DELTA.  
SECURITY ASPECTS AFFECTING COMMS DISCUSSED NEXT SITREP. TWO. EQPT.  
ALPHA. SIGCEN EQPT BEHAVING SATISFACTORILY. BRAVO. CONSIDERABLE MAINT  
PROBLEM KL7 EQPT. REQUEST ISSUE QTY 3 SINGLET EQPTS FOR INSTL NEW  
AREA. CHARLIE. TX AND RX EQPTS OK EXCEPT EF1 EXCITER SUSPECT. INTEND  
EMP TONE KEYING INSTEAD PRESENT DC SYSTEM FOR FS MODE. SUSPECTED EF1  
FAULT MAY BE ONLY DUE LINE CONDITIONS. DELTA. INTEND TEST KW7 EQPT  
LOCALLY 7JUL. WILL LIASE MELBOURNE DIRECTLY FOR INTRODUCTION ON CCT .  
ECHO. NO HANDBOOKS OTHER THAN THOSE CONCERNING PSU'S RECEIVED WITH  
LINE AMPS EX 133 SIG SQN. REQUEST URGENTLY INFO CONCERNING BOTH POWER  
AND INPUT/OUTPUT CONNECTIONS. ESSENTIAL EMP THESE AMPS UNTIL CONDITIONS  
IMPROVE. ECHO. DISCUSSED WITH COMD AAFV ROOFTOP MOUNTING ANTENNA  
HQ AREA. IF TECHNICALLY FEASIBLE INTEND REDEPLOY AN/TRC 75 NEAR SIGCEN  
FOR EMERGENCY REAR LINK OPS. CONSIDER BOTH SSB AND CW FACILITIES  
ACHIEVABLE. TRREE. LINES. TWO DEFECTIVE RX/TX , ONE DEFECTIVE  
SIGCEN/RX , WILL ATTEMPT CLARIFY SIT THROUGH STAFF CHANNELS 6JUL 65  
AND WILL ADVISE. FOUR. STAFFING . INTEND OP 12 HOUR SHIFTS. CONSIDER  
THIS WILL ASSIST IN PROVIDING RES FOR INSTL AT NEW SIGCEN. FIVE. REQUEST  
PERMISSSION PLACE COMCAN MELBOURNE AS INFO ADDRESSEE FUTURE SITREPS  
AVOID REPETITION RELEVANT ENGR INFO. IF ACCEPTABLE PLEASE FWD COPY  
THIS SITREP. SIX. ADVISE JUST RECEIVED QTY 8 VALVES CV2245 AND 50  
BAUD GEARS DEL INTO STORE. ACK



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/ / /

MMM :

6 JUL 65  
FROM ARMY CANBERA  
TO AUSTCAN VIETMEN  
SECRET

SIGS 15770

YOUR SITREPS 050800Z AND 060800Z. ACK. DETAILED REPLIES FOLLOWING  
. ALSO YOUR INFO SITREP 030000/ 050800 ARRIVED AHQ 10 (061241Z)  
+13/133/ AND SITREP VY 060800Z ARRIVED 062021/ 062021Z /



7 Jul 65 E  
4

PRIORITY 070107Z  
FM ARMY CANBERRA  
TO AUSTCAN VIETNAM  
INFO COMCAN MELBORNE

BT

SECRET SIGS 15797 YOUR SITREPS 050800Z AND 060800Z. ONE. INFO MUCH APPRECIATED KEEP UP THE GOOD WORK. TWO. FOLLOWING DETAILS RELATE TO POINTS RAISED BY YOU. ALFA. QTY TWO SIX CCT ISOLATORS BEING PACKED FOR SHIPMENT PENDING YOUR FURTHER ADVICE. BRAVO. QTY 3 SINGLET EQPTS BEING WITHDRAWN FROM EXISTING INSTALLATIONS AND WILL BE FORWARDED ASP. NOTE THAT NO MAINTENANCE SPARES HELD FOR THESE EQPTS BUT CERTAIN ITEMS BEING AIR FREIGHTED FROM UK IN NEAR FUTURE. SUGGEST YOU RETAIN KL7 EQPS PENDING PROVISION OF SPARES FOR SINGLET. CHARLIE. ECHO F1 EXCITER BEING PACKED FOR SHIPMENT IN CASE YOU ESTABLISH FAULT CONDITION WITH PRESENT EQPT. REQUEST YOU ADVISE IN DUE COURSE WHETHER REPLACEMENT NECESSARY. DELTA. SEPARATE SIGNAL CONTAINING INFO ON LINE AMPS BEING FORWARDED IN ADDITION TO SUPPLY OF HANDBOOKS BY FASTEST MEANS. ECHO. COPY OF FIRST SITREP SENT TO COMCAN MELBOURNE. AGREE TO PROPOSAL THAT THEY BE INCL AS INFO ADDRESS IN ALL FUTURE SITREPS. FOXTROT. MOST CONCERNED ABOUT SECURITY PROBLEMS AT TX AND RX SITES AND RESULTANT IMPRACTICABILITY OF NIGHT OPERATION. IN VIEW PREVIOUS US/AUST AGREEMENTS REQUEST YOU PURSUE THIS MATTER THROUGH APPROPRIATE CHANNELS

BT

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8 Jul 65

E 5

PRIORITY

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

INFO COMCAN MELBOURNE

BT

S E C R E T SIGS 058 SITREP 060800Z. ONE. SECURITY. DUE DEF PROBLEMS DUTY PERS AT TX SITE VACATE VEH AT NI TO USAF COMPOUND. DUTY PERS AT RX SITE VACATE TO PREPARED DEF POSN WITHING STARCOM RX COMPOUND. IMPLICATIONS ARE. ALFA. FAULT CONDITIONS COULD CAUSE CONSIDERABLE DAMAGE BEFORE DETECTION. BRAVO. CONTINUOUS WATCH RECEIVE PROPAGATION CONDITIONS AT RX IMPRACTICABLE. ESSENTIAL THEREFORE MAX INFO FED OVER ENGR CCT TO KEEP SCO VMG INFORMED CCT CONDITIONS. TWO. EQPT DEPL. ALFA. MAST BASE DEECO ANTENNA FOR AN/TRC-75 CW CCT BEING FITTED ROOF NEW HQ AAFV. INSTL OF 30 FT MAST ESTIMATED COMPLETE 9 JUL. WILL STRIP TRC 75 FROM VEH AND INSTL PERMANENTLY NEW HQ. INSTL ESTIMATED COMPLETE 7 JUL CMM BUT LOW ANGLE ANTENNA NOT PRACTICABLE UNTIL 9 JUL WHEN MAST ERECTED. ANTICIPATE COMMS IMPROVEMENT DUE IMMEDIATE INCREASED HEIGHT OF WHIP ANTENNA TO 60 FT ABOVE GROUND. BRAVO. INSTL OF LINE AMPS NOT COMPLETE DUE LACK INFO REQUESTED PARA TWO ECHO MAY SIGS 057 OF 050935Z. CHARLIE. INSTL SIGCEN FACILITIES COMMENCE AFTER STAFF AGREEMENT SIGNALS AREA. DELTA. ATTEMPTING ASCERTAIN LOCAL AVAL OF AN/TRC -24 VHF EQPTS FOR BACK UP CHANNELS. IF AVAL AND SUITABLE CMM MAY REQUIRE ACT 5006/U. WILL ADVISE FEASIBILITY. NO IMPROVEMENT LINE CONDITIONS AT THIS TIME. THREE. EQPT REPAIR. ANTICIPATE QTY ONE BUCKNELL GEN SET BY 7 JUL MAKING QTY FOUR SERVICEABLE. TWO GEN SETS DEPL BIEN HOA CMM REMAINDER WIL L BE DEPL HQ AAFV AREA. ESTIMATED DATE OF REPAIR REMAINING GEN SET AND AN/TRC-75 NOT KNOWN. WILL ADVISE. FOUR. MAINT SPARES. YOUR SIGS 15674 OF 060200Z. ALFA. NO CRITICALITY YET REGARDING 10 AND 27 POINT 5 KVA GEN SET SPARES. WILL ADVISE RECEIPT 50 PER CENT SCALING. BRAVO. E515 SPARES ADEQUATE AT MOMENT. FURTHER VALVES CV 2245 NOT REQUIRED. FIVE. TEST EQPT. TDMS NO 2 DEFECTIVE. WILL ADVISE WHETHER. ALFA. LOCAL REPAIR POSSIBLE OR BRAVO. REPLACEMENT IN LIEU ITEM AVAL US SOURCES OR CHARLIE. REPLACEMENT FROM MAINLAND NEC. CURRENTLY IMPOSSIBLE ACCURATELY CHECK DISTORTION. SIX. LIAISON. EXPECT INTERVIEW USMACV TOMORROW ESTB LIAISON CONTACTS. WILL ADVISE RESULT. SEVEN. IN ABSENCE AGREEMENT HAVE INCL COMCAN MELBOURNE AS INFO ADDRESSEE THIS SITREP. MY HANDS ARE OTHERWISE TIED SINCE CONSIDERABLE PERCENTAGE ENGR MATERIAL CAN NOT BE DISCUSSED DIRECTLY. UNTIL KW7 INSTL. ACK

BT

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7 Jul 65 E  
6

ROUTINE 070015Z

FM ARMY CANBERRA

TO AUSTCAN VIETNAM

INFO 6 SIG RETGT

BT

CONFIDENTIAL SIGS 15773 FOR BODGER FROM D SIGS. MOST GRATEFUL YOUR  
SITEREPS OF 5 AND 6 JUL. ANSWERS BEING FWD BY SEPARATE SIGNALS. WE ARE  
PRESENTLY ENGAGED IN NEGOTIATIONS WITH EXTERNAL AFFAIRS ABOUT CLEARING  
THEIR TRAFFIC TO AND FROM THE EMBASSY IN SAIGON. WILL BE SENDING  
FORMAL LETTER TO AAFV BUT SUGGEST YOU NEGOTIATE NOW IN ADVANCE. PLAN  
WE HAVE SUGGESTED IS FOR EMBASSY TO HIRE A LINE CIRCUIT CMM FOR EXTERNAL  
AFFAIRS TO PROVIDE TAPE PUNCHING AND PAGE PRINTING KLEINSCHMIDT MACHINES  
AT EMBASSY AND FOR US TO PROVIDE MACHINES AT OUR SICCEN TO HANDLE TRAFFIC  
ASSUME THAT ALL CLASSIFIED TRAFFIC WILL ALREADY BE ENCRYPTED IN EXTERNAL  
AFFAIRS CIPHERS SO WE WILL HAVE NO RESPONSIBILITY FOR ENCRYPTION OR  
DECRYPTION. IN ADVANCE OF FORMAL REPLY THROUGH HQ AAFV WOULD YOU PLEASE  
ADVISE ANY IMPLICATIONS THAT SUCH A SCHEME WOULD HAVE ON THE  
ACCOMODATION MACHINE MAINTENANCE AND PERSONAL PROBLEMS OF 709 SIG TP.  
POLICY SHOULD BE THAT WE HANDLE THE TRAAFFIC EVEN THOUGH IT MAY INVOLVE  
EXTRA EQUIPMENT AND MEN

BT

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7 Jul 65  
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PRIORITY 070445Z

FM ARMY CANBERRA

TO AUSTCAN VIETNAM

BT

SECRET SIGS 1561 YOUR SIGS 057 OF 050800Z PARA ECHO. LINE AMPLIFIERS. ONE. NO HAND BOOKS PROCURED AND HANDBOOK HELD BY DELTA SIGS IS FOR WRONG MODEL. ARRANGING LOAN OF HANDBOOKS FROM PMG AND WILL FORWARD ASP. TWO. DETAILS OF LINE AMPS MODEL TC2017B PROVIDED BY MANUFACTURER FOLLOW. THREE. MOUNTING PANEL SOCKET AND AMPLIFIER PLUG TSA CONNECTIONS ARE. ALFA. INFUT ONE AND FOUR WITH TERMINALS TWO AND THREE STRAPPED VIA DC BLOCKING CAPACITOR IF REQUIRED. BRAVO. OUTPUT FIVE AND EIGHT WITH TERMINALS 6 AND 7 STRAPPED ALSO VIA CAPACTIOR IF REQUIRED. CHARLIE. POWER SUPPLY NINE AND TEN AT 24 OR 48 VOLTS. NINE IS NEGATIVE AND TEN EARTH AND BATTERY POSITIVE. FOR 24 VOLT OPERATION STRAP 10 AND 11 . FOR 48 VOLT OPERATION 21 FT STRAP 10 AND 11. DELTA. EQUALIZATION. STRAP TEWELVE TO THIRTEEN FOR 15 DB BOOST AT 3000 CPS RELATIVE TO 400 CPS. STRAP 12 TO 14 FOR 10 DB BOOST AND STRAP 12 TO 15 FOR 5 DB BOOST. RESPONSE WITHIN PLUS OR MINUS ONE DB FROM THREE ZERO ZERO TO 3400 CPS WITHOUT STRAPS. ECHO. ALL STRAPS MADE ON MOUNTING PANEL NOT ON AMPLIFIERS TO ENSURE ALL AMPLIFIERS INTER CHANGEABLE. FOUR. INPUT 600 OHM 1200 OHM. ALFA. FOR 600 OHM STRAP BRAVO AND CHARLIE OF TSC LOC BETWEEN PRINTED CIRCUIT AND TRANSFPRERS. BRAVO. FOR 1200 OHM STRAP BRAVO AND ALFA OF TSC. FIVE. OUPTPUT 600 OHM OR 1200 OHM. ALFA. FOR 600 OHM STRAP DELTA AND ECHO OF TSC. BRAVO. FOR 1200 OHM STRAP FOXTROT AND ECHO OF TSC. SIX. MONITORING. TAG STRIP SSB ON FRONT PANELS OF AMPLIFIERS. ONE AND TWO INPUT MONITOR THREE AND FOUR OUTPUT MONITOR BOTH PARRALLELLED

BT

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E8

ROUTINE 070445Z

FM ARMY CANBERRA

TO AUSTCAN VIETNAM

BT

SECRET. SIGS 1561 ACROSS INPUT AND OUTPUT. FIVE. VOLTAGE MONITOR.  
VOLTAGE TO CHASSIS APPROX 10 TO 12 VOLTS WITH 24 VOLT SUPPLY.  
SEVEN. AMPLIFIER GAIN 24 DB ADJUSTABLE OVER 20 DB RANGE. POWER  
CONSUMPTION TWELVE 12 MILLIAMPERES. EIGHT. OVERLOAD POINT PLUS 14 DBM  
AND MAX TEMP OF OPERATION PLUS 55 CENTIGRADE. NINE. INPUT AND OUTPUT  
TRANSFORMERS MAY BE ARRANGED IN HYBRID CONFIGURATION FOR 2/4 WIRE  
OPERATION USING A PAIR OF AMPLIFIERS IF REQUIRED

BT

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7 Jul 65

9

E

PRIORITY 071040Z  
FM AUSTCAN VIETNAM  
TO ARMY CANBERRA  
INFO COMCAN MELBOURNE

BT

SECRET SIGS 061 SITREP 071000Z. ONE. SECURITY. ESTIMATE DEF WORKS TX SITE (SANDBAGGING) COMPLETE 11 JUL 65. EXPECT SHORTLY ADDITION PERS ASSIST SENTRY DUTY. THIS WILL REDUCE MANNING PROBLEMS DWSCRIBED MY SITREP 060800Z. TWO. POWER PROBLEMS. FAILURE TODAY DUE GEN SETS OF US ORIGIN AT RX SITE. ONE FAILED DUE FAULTY ~~OUT~~ AUTOMATIC CHOKE CMM THE OTHER DUE FAULTY STARTER SOLENOID. REPAIR NOT POSSIBLE BEFORE DAWN SINCE LIGHT NOT PERMITTED AT NI IN RX LOCS DUE POSSIBILITY INFILTRATION. ARRANGEMENTS IN HAND WITH ~~4~~ US TO ALFA. USE LOCAL POWER AT RX SITE OR BRAVO. TAP OFF STRATCOM RX POWER. IN EITHER EVENT OUR GEN SETS WOULD BE STANDBY ONLY THIS SITE. THREE. AN/TRC-75 INSTL HQ AFFV. INSTL COMPLETE. WILL NOT ACTIVATE CW CIRCUIT UNTIL 08 JUL 65. FOUR. BUCKNELL GEN SET REPAIRED AS ESTIMATED MY SITREP 060800Z. FIVE. HAVE ESTB LIAISON COMUSMACV (J6) AND CONFIDENTLY EXPECT AGREEMENT ON FOL. ALFA. PROVISION OF ADDITIONAL ANTENNAE FACILITIES RX SITE. NO ISOLATORS SHOULD BE NC SINCE US EQPT ALREADY IN SITE. BRAVO. EARLY REPAIR DEFECTIVE LINES. CHARLIE. VHF SPEECH CHANNEL (AN/TRC-24) SAIGON - BIEN HOA. DELTA. FULL MAINT SP OF AN/TRC 75 AND ALL CRYPTO EQPT INCL REPAIR. ACK

BT

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8 JUL 65

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10

PRIORITY 080645Z

FM ARMY CANBERRA

TO AUSTCAN VIETNAM

BT

RESTRICTED SIGS 16015 FOR MAJ BODGER FROM D SIGS. LAST SITREP

RECEIVED 060800Z. IF FURTHER SITREPS FORWARDED NOT RECEIVED AHQ. EXPEDITE

BT

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8 Jul 65 <sup>E</sup> 11

PRIORITY 080915Z  
FM AUSTCAN VIETNAM  
TO ARMY CANBERRA  
INFO COMCAN MELBOURNE  
BT

SECRET SIGS 063 SITREP 080800Z. ONE. EQPT AFAULTS. OVER PAST 24 HOURS SERIES OF FAULTS HAVE OCCURRED. THESE ARE. ALFA. QTY SIX PAGE PRINTERS VARIOUS MECHANICAL MALADJUSTMENTS. THESE FAULTS PREVENTABLE BY RE ALLOC STAFF. WILL ADVISE STEPS TO PREVENT RECURRENCE. BRAVO. BUCKNELL GEN SET FAILED DUE FAULTY OIL SEAL. I OBS THIS FAULT AND CONVINCED THAT NO MALPRACTICE CONTRIBUTED. ESSENTIAL THAT INVESTIGATION IN AUST CONDUCTED UNDER CONDITIONS HIGH HUMIDITY AND AMBIENT TEMPERATURE. OBTAINING ADVICE FROM USAF REGARDING ANY SIMILAR PROBLEM. CHARLIE. ALL KL7 EQPTS FAILED TODAY. I ESTIMATE AMBIENT TEMPERATURE IN PRESENT CRYPTO LOC AT 110 DEGREES F. AM RELOC EQPTS NEW HQ BLDG PRIOR OCCUPANCY IN ENDEAVOUR REDUCE FAULT INCIDENCE. MEANTIME ENDEAVOURING OBTAIN LOAN EQPTS US SOURCES. TWO. CW CIRCUIT AN/TRC-75 ALFA. G STAFF REQUIRE CW CIRCUIT BIEN HOA- SAIGON ON CALL FIVE MINUTES NOTICE. STILL AWAITING REPAIR DEFECTIVE AN/TRC-75. IN VIEW REQUIREMENT OF PRIMARILY NATIONAL REAR LINK SAIGON - MELBOURNE CMM AM OBTAINING A510 EX ALSO ON F1A LOAN MEET REQUIREMENT. IF SP BY D SIGS ON PERMANENT BASIS WILL HAVE RVE RAISED. PLEASE ADVISE. THREE. US LIAISON. FRUSTRATED AGAIN BY MOVE OF CONTACT NORTH UNTIL NEXT WEEK. WILL RE-COMMENCE LIAISON TOMORROW. FOUR. STAFFING . WILL ADVISE STAFF SIT IN SEPARATE SIGNAL. CONSIDER GENERALLY THAT OVERALL ~~TECHNICAL~~ TECHNICAL CAPABILITY OF TP LIMITED. WILL DISCUSS WITH COMD ASP. FIVE. COMMS OUTAGES. POOR RESULTS LAST 24 HOURS DUE LARGELY INABILITY ADVISE BY CW (NOT OPERATIVE DUE REINSTL PROGRAM VIETNAM) OF CIRCUIT CONDITIONS. LOGS PASSED BY MELBOURNE VIA US SYSTEM ARRIVED 12 HOURS LATER. WILL OP TRC 75 CIRCUIT ASP FOR PURPOSE ADVISING CCT CONDITIONS. HOWEVER GEN SET PROBLEMS MAY REDUCE EFFECTIVENESS. UNLESS EXTREME CIRCUIT CONDITIONS WARRANT FOR THAT VOLUME OF TFC PASSABLE AT NI CW LIMITED AND THAT CIRCUIT SHOULD EXCHANGE CONDITION REPORTS EACH 15 MINUTES IN ORDER LEAP OPEN AS ENGR CHANNEL. DO YOU CONCUR. WILL IMPLEMENT THIS PROCEDURE ASP PENDING ANY ADVICE. SIX. DUE CONSIDERABLE CORRUPTION AND DELAY ALL TRAFFIC PASSED US MEANS UNSATISFACTORY SIT PREVAILS. MUCH WASTAGE OF EFFORT IN OBTAINING REFUNS CMM AND OUR CCT MUCH SUPERIOR WHEN OPERATIVE. CONSIDERABLE VOL OF PR TFC RECEIVED US CHANNELS. ACK YOUR ADVICE REGARDING ACCEPTANCE BUT CONSIDER SIMPLER ROUTE VIA DIRECT CCT. SEVEN. KW7 INSTL. DIFFICULT AT PRESENT LOC THIS EQPT DUE NECESSITY SPLIT SIGCEN FOR INSTL TO ENABLE EMPL NON CLEARED PERS ON UNCLAS TFC ONLY. ALL OTHER TFC WIL BE SENT VIA KW7. IN EFFECT THIS IMPLIES TWO SEPARATE SIGCEN AREAS. ARRANGEMENTS FOR THIS IN HAND. SEVEN. NO ACK ANY SITREP YET RECEIVED. ANTICIPATE MORE SUBJECT MATTER SHORTLY AND ESSENTIAL I KNOW SIGNALS RECEIVED. ACK  
BT

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9 Jul 65  
E 12

PRIORITY 090032Z  
FM ARMY CANBERRA  
TO AUSTCAN VIETNAM  
INFO COMCAN MELBOURNE

BT

SECRET SIGS 16055 YOUR SIGS 061 OF 071040Z. ACK. WAS RECEIVED IN  
CANBERRA 080330Z BUT NOT DELIVERED UNTIL LATER THAT NIGHT. FOLLOWING  
QUERIES ARE RAISED. ALFA. WHAT IS STATE OF SECURITY AT RX SITE. BRAVO.  
ARE TX AND RX VEHICLES BEING MANNED AT NIGHT OR ARE ALL PERS TAKEN  
BACK INTO COMPOUNDS. CHARLIE. ONLY GEN SETS OF US ORIGIN RECOGNISED THIS  
END WERE FOR TRC 75 EQPTS. ARE THESE THE ONES REFERRED TO IN  
YOUR PARA TWO AS HAVING FAILED. REQUEST YOU CLARIFY SITUATION AT RX  
SITE. DELTA. HAPPY YOU HAVE ESTABLISHED LIAISON WITH J6 CMM WOULD HAVE  
ASSUMED THIS WOULD HAVE HAPPENED WEEKS AGO. ECHO. WILL TAKE NO FURTHER  
ACTION THIS END TO DESPATCH AERIAL ISOLATORS IN  
VIEW OF AVAILABILITY FOR US SOURCES. FOXTROT. HAVE YOU YET REACHED THE  
POSITION WHEREBY YOU CAN FORWARD DETAILS OF ANY DETAILS OF POWER  
TRANSFORMERS REQUIRED TO WORK OUR EQUIPMENT FROM US POWER SOURCES.  
GOLF. APPRECIATE FLOW OF INFO TO DATE BUT DESIRE MORE BACKGROUND TO  
PROBLEMS AND FUTURE PLANS INCLUDING DIAGRAMS IF APPLICABLE BY SAFE HAND  
BAG IF NECESSARY

BT

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9 Jul 65 E  
13

PRIORITY 090550Z  
FM ARMY CANBERRA  
TO AUSTCAN VIETNAM  
INFO COMCAN MELBOURNE  
BT

RESTRICTED SIGS 16135 YOUR SITREP SIGS 063 OF 080915Z PARAS ONE TO FIVE RECEIVED 090530Z. WILL AWAIT FURTHER ADVICE ON PRINTER MALADY STATEMENTS. HAVE PASSED INFORMATION ABOUT BUCKNELL GEN SET TO MELBOURNE. AS PREVIOUSLY NOTIFIED CMM AM DESPATCHING THREE SINGLETS VIA EXTERNAL AFFAIRS COURIER AND SUGGEST YOU LOOK FOR THEM AT EMBASSY AS FROM NEXT THURSDAY 15 JUL. HAVE YOU CONSIDERED USING THE AIR CONDITIONING UNIT OUT OF SIG CENTRE VEHICLE AS A MEANS OF REDUCING TEMPERATURE IN CRYPTO OFFICE OR OF OBTAINING A UNIT FROM OTHER SOURCES. HAVE NO OBJECTION TO RAISE RVE FOR A510 RADIOS FOR USE ON BIEN HOA LINK PROVIDED YOU ASSURE YOURSELF THAT SIGNAL IS SUFFICIENTLY CLEAR IN THE HIGH NOISE AREA OF YOUR HQ. WILL AWAIT YOUR FURTHER ADVICE ON STAFF SITUATION. ASSUMING YOU WILL ARRANGE TRC 75 TEST FROM YOUR NEW LOCATION AT A CONVENIENT TIME

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9 Jul 65

14  
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PRIORITY

091248Z

FM ARMY CANBERRA

TO AUSTCAN VIETNAM

INFO COMCAN MELBOURNE

BT

SECRET SIGS 16150 YOUR SITREP 080800Z AND FURTHER MY SIGS 16135 OF  
090550Z. ONE. PAGE TWO YOUR SITREP RECEIVED 091219Z. TWO. CONCUR WITH  
PROPOSAL FOR EXCHANGE OF CONDITION REPORTS EACH 15 MINUTES AT NIGHT  
ON CW. IF CONDITIONS PERMIT CLEAR WHATEVER TRAFFIC ON HAND BY THIS  
MEANS. TWO. ALL YOUR SITREPS RECEIVED TO DATE CMM ACKS ADD  
REPLIES IN EACH CASE HAVE BEEN FORWARDED PROMPTLY. UNABLE TO PROVIDE  
REFERENCES AT THIS TIME BUT WILL DO SO ASA

BT

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9 Jul 65 15  
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PRIORITY 091820Z

FM AUSTCAN VIETNAM

O ARMY CANBERRA

BT

SECRET SIGS 066 YOUR SIGS 16055 OF 090032Z. ANSWERS TO YOUR QUERIES ARE . ALFA. SECURITY OF RX SITE FAIR. VEH ABUTS STATCOM RX BUILDING. BOTH VEH AND BUILDING WITHIN GRENADE RANGE PERIMETER FE CE. ARVN BN DEPLOYED FWD BUT INFILTRATION AND/OR COVERT LOCAL ACTIVITY POSSIBLE. AREA FWD PATROLLED AT NI. BRAVO. AT THIS TIME PERS RESPONSIBLE OP TX AND RX MOUNT SENTRY AT NI. AT TX SITE ONE OPERATOR MANS TX ONE REMAINS ON SENTRY. AT RX SITE OPERATORS ARE IN DEF SANDBAGGED POSN IN CONTACT SIGCEN BY TELE. IF SATATE OF ALERT DECLARED BOTH OPS AT TX SITE ENTER USAF COMPOUND IF TIME PERMITS. TX DEFS BEING IMPROVED ENABLE OPS TO BE ON TELE CALL FROM LOCAL AREA. AT PRESENT TELE REMOVED TO USAF COMPOUND APPROX 100 YARDS DISTANT. EMPHASISE BOTH TX AND RX LOCS MANNING DEPENDS UPON OBS ACTIVITY. AT MANY TIMES POSSIBLE MAN BOTH LOCS BUT IN THIS AREA MUST PLACE HIGHEST PRIORITY EQPT SECURITY. EXPECT ASSISTANCE IN SENTRY DUTIES 11 JUL WHEN BN PERS AVAL. WILL ADVISE CHARLIE. GEN SETS AT RX OF US ORIGIN. EQPTS OBTAINED DUE NECESSITY OPERATE ONE FUNCTIONAL ONE SPARE EQPT EACH LOC. GEN SETS SUPPLY 115 VOLTS AND ALL RX EQPT CONVERTED. MAINT SPARES NOT AVAL BUT US SP DAY-LIGHT HOURS EXDELLENT. FAULTS REPORTED MY SITREP 071040Z NOT EXPECTED RECUR. DELTA. ONE. GOOD. TWO. YES BUT US MACHINERY DIFFICULT ENTER CORRECT LEVEL BELOW GRADE TWO STAFF OFFR. EXCELLENT LIAISON HAD BEEN ESTB MAINT FACILITIES BUT DEGREE OF PREVIOUSLY AGREED US COMMITMENT REGARDING SITES AND LOGISTIC SP LARGELY NULLIFIED DUE. ONE. ATTITUDE OF VN LOCAL AUTHORITY. TWO. CHANGES IN US STAFF. RAILS NOW GREASED AND ANTICIPATE CO-OP. ECHO. AGREED. FOXTROT. ONE. ONLY POWER AVAL SIGCEN LOCAL UNRELIABLE. MUST CONTINUE USE OF GEN SETS. TWO. US POWER AT TX SITE MAY BE AVAL USAF BUT NO CONTACT YET ESTB. THREE. POWER AVAL AT RX ALREADY DISCUSSED MY SITREP 071000Z. WILL ADVISE ANY DEVELOPMENTS ALL SITES. GOLF. DUE EQPT PROBLEMS HAVE NOT BEEN ABLE TO STAND SUFFICIENTLY FAR FROM CURRENT EMERGENCIES TO FWD FUTURE PLANS. ANTICIPATE IMPROVEMENT FACILITIES COMING WEEK. WILL FWD DETAILS PROPOSED PERMANENT SIGCEN AND CRYPTO FACILITIES SHORTLY. FOR LT COL MOORE. SUGGESTED EM-ERGENCY LIAVE ON RETURN NO JOKE VIEWED THIS END. HOWEVER CURRENTLY CONSIDER ONE MONTH MINIMUM TIME NECESSARY STABILISE POSITION. PROGRESS FAIR BUT MUCH REMAINS TO BE DONE

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9 Jul 65

OP IMMEDIATE 092015Z

FM AUSTARM VIETNAM

TO ARMY CANBERRA

INFO COMCAN MELBOURNE

BT

SECRET SIGS 068 SITREP 091900Z. ONE. TEST EQPT TDMS NO 2 REQUIRES. ALFA. MAINS TRANSFORMER. BRAVO. CODER. BOTH ITEMS U/S PRIOR LEAVING AUSTRALIA. UNDERSTAND INDENTS ALREADY RAISED. ENDEAVOURING OBTAIN EQPT ON LOAN US SOURCES. APPRECIATE. ONE. FOLLOW UP ACTION 2 SIG REGT INDENTS TWO. IF DIFFICULTY OBTAINING SPARES ISSUE OF TDMS 5A AND 6A. TWO. EQPT FAULTS. ALFA. MINOR HT TRANSFORMER E515 TRANSMITTER FAILED TODAY AND REPLACED. ITEM IS 325 IN HANDBOOK. REQUEST REPLACEMENT SINCE THIS IS ONLY SPARE HELD. SUSPECT FAULT DEVELOPING SOME CONSIDERABLE TIME DUE REPORTED ERRATIC MINOR HT BEHAVIOUR. BRAVO. AN/TRC 75 FOR OP MELBOURNE CW CIRCUIT WILL NOT TUNE BAND 7 POINT 7 TO 15 POINT 7 MCS. INSPECTION REVEALED EVIDENCE OF PREVIOUS ARCING AND POSSIBLE ERROR DISCRIMINATOR FAULT. REPAIR DURING WEEK END ANTICIPATED. CONCERNED DEEPLY FAILURE DUE CURRENT ACTIVITY NORTH OF BIEN HOA AND NECESSITY MAINTAIN REARWARD COMMS. AM GIVING JUST PRIORITY RE-HABILITATION ALL AN/TRC-75 EQPTS. FOR SIGS 7. HANDBOOK AND STUDY CIRCUIT DIAGRAM SHOWS ADE (STUBBS) PREDICTION OF EXTREMELY WIDE RANGE ANTENNAE IMPEDANCES PRACTICABLE. CAN NOT UNDERSTAND WHY ARCING OCCURRED UNLESS ANTENNAE PREVIOUSLY SHORT OR OPEN CIRCUITED. APPRECIATE ADVICE. CHARLIE. BUCKNELL GEN SETS. RAEME TEAM ALSO INSPECTED TODAY. THEY ADVISE MOST LIKELY CAUSE OF FAULT LACK OF ADEQUATE SUMP SUPPOTRT. STATED THAT LOCAL MODIFICATION POSSIBLE WITHIN ALSC RESOURCES. PREPARED AT THIS STAGE ATTEMPT ANY SOLUTION. DO YOU AGREE. URGENTLY REQUIRE ADVICE. DELTA EXCITER EF1. ANTICIPATE REPAIR COMPLETE AND OPERATIONAL 10 JUL. THREE. EQPT RE ALLOC. ALFA. 30 FT MAST ERECTED TOP OF NEW HQ AAFV BUILDING. ANTENNAE INSTL WILL BE COMPLETE 10 JUL. BRAVO. NEW CRYPTO CENTRE OPERED. KL 7 MAINT PROCEEDING WITH US SP. HOWEVER EVEN WITH NEW (SALVAGED) SUB ASSEMBLIES SUPPLIED BY US FORCES EXPERIENCING PROBLEMS. MUCH MORE SATISFACTORY OFF LINE ENCRYPTION BEING OBTAINED AND PROBLEM EASING. AIR CONDITIONING WILL BE PROVIDED NEW LOC BY CONTRACTOR. IN MEANTIME COOLING AREA BY LOACAL FAN. REF YOUR SIGS 16135 OF 090550Z JUST RECEIVED. AIR CONDITIONER FROM SIGCEN VEH CAN NOT BE USED DUE TO MALFUNCTION. REPAIR IN PROGRESS. HAVE NOT YET PROCEEDED NEW SIGCEN INSTL DUE KL7 AND AN/TRC-75 PROBLEMS. CHARLIE. INFO REF LINE AMPS RECEIVED. INSTL COMMENCED TOMORROW. FOUR. ATTENDED RECEPTION MINISTER OF ARMY AND SECRETARY OF ARMY AT COMDS HOUSE TONIGHT. SECRETARY CONCERNED AND ASKED POINTED QUESTIONS REGARDING COMMS EX VIETNAM. ASSURED HIM SI T IN HAND. ANTICIPATE HE WILL VISIT SIGCEN 10 JUL AND AM TAKING ALL POSSIBLE STEPS ENSURE COMMS SATISFACTORY AT THAT TIME. ACK

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10 Jul 65

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PRIORITY 101000Z  
FM ARMY CANBERRA  
TO AUSTCAN VIETNAM  
INFO COMCAN MELBORNE  
BT

SECRET SIGS 16155 YOUR SITREPS SIGS 068 OF 092015Z RECEIVED 100915Z.  
ANSWERS AND ACTION AS FOLLOWS. YOUR SUBPARAS REFER. 1A AND B. WILL  
FOLLOW UP ON INDENT PROCEDURE ON MONDAY 12 JUL AND IF SPARES  
OPPOSITION NOT GOOD CMM WILL ATTEMPT TO GET NEW TDMS AWAY WITH EXTERNAL  
AFFAIRS COURIER ON WEDNESDAY 14 JUL. YOUR PARA 2. WILL ARRANGE FOR AIR  
DESPATCH OF SPARE ITEMS FOR E515. PARA 2B. WOULD APPRECIATE FULLER  
INFORMATION ON TRC 75 FAULTS FOR FOLLOW UP ACTION HERE WHEN YOU GET  
TIME. WILL SEEK FURTHER ADVICE ON QUERY YOU RAISED. PARA 2C. AGREE TO  
ANY LOCAL ACTION THAT CAN BE TAKEN TO MODIFY BUCKNELL GEN SETS TO  
IMPROVE SERVICABILITY BUT WILL REQUIRE FULLEST DETAILS OF MODIFICATIONS  
TO ALLOW FURTHER ACTION HERE ON REMAINDER OF GEN SETS. PARA 2D. ADVISE  
IF YOU REQUIRE ANY ACTION ON EF1 FROM THIS END. THANK YOU FOR INFO  
YOUR PARA 3. PLEASE ADVISE IF YOU WANT US TO PROVIDE AIR CONDITIONER  
PARTS. YOUR PARA 4. SECRETARY NOT ONLY ONE CONCERNED AS WE ARE TOO BUT  
GREATLY APPRECIATE YOUR EFFORTS. KEEP INFO COMING  
BT

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12 Jul 65 18

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PRIORITY 120100Z  
FM ARMY CANBERRA  
TO AUSTCAN VIETNAM  
BT

RESTRICTED SIGS 16189 FOR MAJ BODGER FROM D SIGS. TRAFFIC STATE.

FOLLOWING RECEIVED AND SENT SINCE 5 JUL 65. ONE. RECEIVED. SIGS 052

050820Z 057 050935Z SITREP 058 060850Z SITREP 059 060855Z COMSTAT

062 090200Z COMSTAT 063 080800Z 064 090510Z COMSTAT 065 090520Z

066 081820Z 067 100525Z 068 092015Z SITREP 069 092025Z 070 100315Z

COMSTAT 071 101600Z SITREP 072 110530Z COMSTAT 73 110915Z SITREP.

TWO. SENT SIGS 15682 060258Z 15755 060644Z 15770 062337Z 15773 062345Z

15797 070107Z 15893 072305Z 15921 080035Z 16015 080645Z 16043 090030Z

16055 090032Z 16115 090500Z 16136 091248Z 16155 101000Z

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12 Jul 65 19  
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PRIORITY 120145Z

FM ARMY CANBERRA

TO AUSTCAN VIETNAM

BT

SECRET SIGS 16195 YOUR SIGS 066 OF 081820Z. ONE. APPRECIATE INFO  
REGARDING MANNING AND PROTECTION OF SITES. AGREE HIGHEST PRIORITY  
TO BE GIVEN TO EQPT SECURITY. TWO. YOUR COMMENTS ON VARIATIONS TO  
US/AUST AGREEMENTS REFERRED TO D MAINT FOR ACTION ON STAFF LEVEL

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12 Jul 65 E

PRIORITY 120100Z

FM ARMY CANBERRA

TO AUSTCAN VIETNAM

INFO COMCAN MELBOURNE

BT

SEDRET SIGS 16196. YOUR SITREP 110800Z. (1) ACTION IN HAND TO ARRANGE SHORT VISIT ASP OF HIGHLY QUALIFIED SIGCEN SUPVR TO ASSIST IN TRAINING LOCAL STAFF. WILL ADVISE FURTHER WHEN DETAILS KNOWN.

(2) ARRANGEMENTS MADE FOR PROVISION OF RECEIVE ONLY

REPERFS AND AUTO TAPE WINDERS. NOTE THAT TAPE WINDERS WILL BE EX MODEL 14/15 TELETYPE CONSOLE EQPT AND WILL REQUIRE MINOR MODS FOR USE WITH KL 1 TAPE REELS. CONSIDER YOU ARE ABLE TO DO THIS LOCALLY.

SEPARATE SIGNAL GIVING MOD REQUIREMENTS WILL BE FORWARDED. QTY OF SPARE KL 1 TAPE REELS WILL ALSO BE DESPATCHED. (3) AGREE YOUR RETENTION CRYPTO KEYS. (4) SUGGEST YOU ESTABLISH US MAINT CAPABILITY FOR KW7 IN ADVANCE OF EQPT OP

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13 JUL 65

ROUTINE

FROM ARMY CANBERRA

T O AUSTCAN VIETMEN

INFO COMCAN MELBOURNE

SECRET

SIGS 16298

YOUR SITREPP SIGS 0680 . 092015Z. PARA 2B DEALING WITH AN/TRC 75  
FAULTS .

UNDERSTAND YOU HAVE TAKEN ACTION TO REPAIR SET WHICH WOULD NT TUNE  
BAND 7.2 TO 15.7 MCS. ADE (STUBBS) HAS CONFIRMED SET SHOULD LOAD  
INTO WIDE RANGE OF ANTENNA IMPEDANCE AND SUGGEST YOU TRY WIRE AND WHIP  
POSITIONS.

ALSO CONFIRMED THAT ACRING WILL OCCUR IF ANTENNA OPEN CIRCUITED.  
DO YOU REQUIRE FURTHER ADVICE ON THIS MATTER. IF SO PLEASE STATE  
SPECIFIC PROBLEM WITH ALL RELEVANT DETAILS AND WE WILL ATTEMPT TO  
DUPLICATE FAULTS HERE. PLEASE NOTE THAT ALL FAULTY COMPONENTS FOR AN/T

CONTD

AN/TRC 75 AND BUCKNELL GEN SETS TO BE RETURNED TO AUST FOR  
EXAMINATION



14 JUL 65 <sup>22</sup>E

PRIORITY 140250Z  
FM ARMY CANBERRA  
TO AUSTCAN VIETNAM  
INFO COMCAN MELBOURNE  
BT

SECRET SIGS 16446. YOUR SITREP SIGS 075 OF 121600Z RECEIVED 131745Z  
HAVE RELAYED YOUR INFORMATION ON AN/TRC 75 EQPTS TO AHQ MELBOURNE FOR  
THEIR FURTHER ATTENTION. RADIO COMMS BIEN HOA - SAIGON. CANNOT QUITE  
UNDERSTAND CONTINUING REQUIREMENT FOR THIS RADIO CIRCUIT FULL TIME IN  
VIEW OF AVAILABILITY OF LINE/RADIO RELAY CHANNELS BUT ACCEPTING THE NED  
BASED ON YOUR ADVICE. WOULD APPRECIATE YOU ADVISE WHY REQUIREMENT EXISTS  
AFTER DISCUSSIONS WITH THE STAFF. SUGGEST IF BUCKNELL GEN SET NOISE IS  
UNACCEPTABLE AT NIGHT CMM CIRCUIT COULD CLOSE DOWN ANY BN RELY ON LINE  
CIRCUITS WITH TRC/75 ACTIVATED ONLY IN EVENT OF BREAKDOWN OF LINES.  
IF BN HQ MOVES OUT FROM BIEN HOA CMM COMMS BACK TO BIEN HOA WOULD  
NORMALLY BE RESPONSIBILITY IF THE BATTALION. HOWEVER ASSUME DISTANCE  
INVOLVED WOULD BE BEYOND RANGE OF BN SETS IN WHICH CASE HIGH POWERED  
SETS NEEDED. IF WE HAD TO PROVIDE THESE CMM WE WOULD NEED NMORE DETACH-  
MENTS AND JUSTIFICATION FOR THESE WOULD HAVE TO BE MADE BY HQ AAFV  
TO AHQ. AS FAR AS EQUIPMENT FOR SAIGON-BIEN HAOA AND BIEN HOA FORWARD  
TO BATTALION IS CONCERNED WOULD NOT BE HAPPY WITH C11 SETS BECAUSE THEY  
WOULD BE AN ORPHAN SET IN THEATRE AND WOULD HAVE TO SUPPLY MAINT BACKING  
AND ADDITIONAL TECHS. THEY ALSO ARE NOT SUITED TO DISMOUNTED OPS.  
PRC/47 SETS APPEAR MORE ATTRACTIVE SOLUTION PROVIDED THEY ARE ALREADY  
IN USE IN THEATRE. PLEASE ADVISE IF PRC47 SETS USED IN THEATRE CMM  
WHETHER THERE IS ANY EXPERIENCE ASSESSED ON USE OF SILVER ZINC BATTERIES  
BY US IN VIETNAM CMM IF MAINT SUPPORT FOR PRC47 AND ASSOCIATED DEMS  
READILY AVAILABLE. IF THEY ARE USED THEN PRC47 AMAY BE A SOLUTION.  
IF THEY ARE NOT USED SUGGEST WE INVESTIGATE OBTAINING A SUITABLE US  
EQUIPMENT USED IN THEATRE FOR THIS ROLE. WHATEVER IS FINALLY PROPOSED  
WILL NEED TO BE RAISED THROUGH HQ AAFV AS 709 SIG TP CANNOT PROVIDE  
FROM PRESENT RESOURCES. KW7 EQUIPMENTS. SEE COMCAN MELBOURNE SIGNAL OF  
14 JUL. LATEST ADVICE WE HAVE IS THAT MACHINES CHECKED OUT OK FINALLY  
AT HARMAN LATE AFTERNOON 13 JUL

BT

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15 Jul 65 E33

PRIORITY 150610Z  
FM ARMY CANBERRA  
TO 2 SIG REGT  
AUSTCAN VIETNAM  
INFO 6 SIG REGT  
MILCOMMAND MELBOURNE  
BT

CONFIDENTIAL SIGS 16631 FOR MAJOR BODGER AUSTCAN VIETNAM. TEST  
TRANSMISSIONS AN/TRC 75 WATSONIA TO VIETNAM. REF 2 SIG REGT SIGS 278  
OF 130030Z. FOLLOWING FREQUENCIES MAY BE USED FOR TRANSMISSION FROM  
WATSONIA FOR TEST PURPOSES ONLY. 6500 KCS 6875 KCS 7685 KCS 7740 KCS  
7940 KCS 8135 KCS 9865 KCS 10315 KCS 10880 KCS 10935 KCS 12085 KCS  
1470 KCS 14835 KCS 14960 KCS 16170 KCS 19920 KCS 21800 KCS. REQUEST  
AUSTCAN VIETNAM OBTAIN CLEARANCE FOR DIFFERENT FREQUENCIES FOR  
TRANSMISSION FROM VIETNAM FOR TEST PURPOSES ONLY. ALTERNATIVELY AUST-  
CAN VIETNAM MAY USE THOSE FREQUENCIES ALREADY ASSIGNED FOR REAR LINK  
CIRCUIT WHICH ARE NOT BEING USED. CALL SIGNS FOR TEST PURPOSES ARE  
AS FOLLOWS. 2 SIG REGT V K U. 709 SIG TP V M G 6 REQUEST 2 SIG REGT  
ASSUME RESPONSIBILITY FOR COORDINATION AND CONDUCT ON TESTS AND ADVISE  
THIS HQ OF COMPLETION AND RESULTS  
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15 Jul 65

PRIORITY 150855Z  
FM AUSTARM VIETNAM  
TO ARMY CANBERRA  
INFO COMCAN MELBOURNE  
BT

SECRET SIGS 081 SITREP 150800Z. ONE. REGRET NO SITREPS PAST TWO DAYS. THIS DUE. ALFA. ATTACK OF SAIGON STOMACH. BRAVO. NECESSITY WORK WITH MAINT TEAM SUPERVISE CATASTROPHIC E515 FAILURE. TIME OF REPAIR APPROX 20 HRS. TWO. YOUR SIGS 16446 OF 140250Z. ALFA. INVESTIGATING PRC47 AVAL. WILL ADVISE. BRAVO. CIRCUIT SAIGON - BIEN HOA REQUIRED DUE EXTREMELY LOW GRADE RELIABILITY OF TELE CCT. ALL IN COUNTRY US COMMS ARE SUFFERING FROM LACK OF REAL ESTATE IN WHICH TO OP TROOPS AND UHF RESULTING IN LOW GRADE RADIO CIRCUITS. LOCAL LINES IN BIEN HOA LAID ON GROUND OVER ROADS AND IN WATER. SAW 400 YSDS OF MULTI ROUTE FD CABLE LAID THIS MATNNER ROUTED UP BY BOGGED US VEH. ON ROUTED CALL EX THIS HQ UP TO 6 HRS SOMETIMES NEC TO REACH SUBSCRIBER. WITH CONTINUING BUILD UP GEN OPINION IS THAT MATTER CAN ONLY DETERIORATE. FEEL THAT RADIO CCT MUST BE MAINT ESPECIALLY FOR NOTICAS/MEDICAS/CASEVAC SINCE PRESS IN FWD AREA AND DANGER THAT NEXT OF KIN WILL READ OF CAS FIRST IN NEWSPAPER. CHARLIE. ASPECTS COVERED YOUR SIG DISCUSSED STAFF TODAY. DEFERRING DECISION UNTIL AVAL OF EQPT FIRM. THREE. EQPT STATE. E515 OPERATIONAL BUT SUSPECT FAULTY BRASSING SYSTEM STILL EXISTS. WORKING ON THIS. AWAITING RAEME ADVICE BUCKNELL GEN SETS. APPEARS MOD NOT YET SUCCESSFUL. WILL ADVISE. AN/TRC 75 QTY ONE STILL  
OP BIEN HOA CMM ADDITIONAL EQPT SAIGON RETURNED SERVICEABLE BUT NO GEN SET YET AVAL. IF NO RESULTS BY WEEK END WILL RETURN BIEN HOA EQPT TO SAIGON. RECEIVING EXCELLENT US ASSISTANCE IN MATTER OF GEN SETS FOR HP TERMINAL. ONE CV 157 ONE R391 BEING RE ALIGNED. LINE AMPS AT TX NOW INST CMM HOWEVER INCORRECTLY WIRED MOUNTING PANELS SUP THIS EQPT AND TOOK SOME TIME RECTIFY. ONE KW7 FAULTY ON TEST AND BEING REPAIRED BY US FORCES. FOUR. INSTL. NEW KW 7 INSTL TO BE COMPLETED TONIGHT. HAVE ARRANGED FIRST TESTS MELBOURNE TOMORROW. LOCAL TESTS OK AND HOPE FOR FEW PROBLEMS THIS END N VIEW US SUP. FIVE. LINES TO TX AND RX SITES ALL NOW TESTED OK BUT STILL HIGH NOISE LEVEL. THIS COMMON IN THEATRE. A ATTEMPTING TO RECTIFY. HOWEVER FEEL STRONGLY NEED TO USE VHF EQPTS BETWEEN LOCS AS LONG TERM PLAN FOR KEYING. AM NOT HAPPY LINE SIT SINCE MAINT ENTIRELY OUT OF AUST HANDS. PRI OF US TASKS COULD SERIOUSLY AFFECT PRI GIVEN OUR CIRCUITS. APPRECIATE YOUR COMMENTS ON POLICY. SIX. MAJOR E515 FAULT OVER PAST TWO DAYS DUE TO MAIN BLOWN MOTOR. MADE MORE SERIOUS SINCE REPLACEMENT MOTOR HAD DIFFERENT LENGTH SHAFT. COMPLICATED BY LOOSE CONNECTION AT A DISH TERMINAL CAUSING BURN OUT OF LARGE TERMINAL BLOCK AND SOME WIRING. NO REPACEMENT HELD AND REPLACEMENT SATISFACTORILY IMPROVISED. SEVEN. FROM COM-  
STATS REPORTS ORIGINATED OC 709 SIG TP PICTURE MUST LOOK BLACK. HOWEVER AMNY IMPROVEMENTS HAPPENING SIMULTANEOUSLY. AM CERTAIN OF RESULTS AND OF SP AND CONFIDENCE OF LOCAL STAFF. ACK  
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16 Jul 65

PRIORITY 160006Z

FM ARMY CANBERRA

TO AUSTCAN VIETNAM

INFO COMCAN MELBOURNE

BT

SECRET SIGS 16669 ACK YOUR SITREP 150855Z. YOUR SIGS 081. REFERS.  
RECEIVED 152216Z ON OPENING OF SMC. A. REGRET TO HEAR ABOUT WOG.  
B. THANK YOU FOR INFO ON BIEN HOA/SAIGON TELE CIRCUIT. YOU UNDERSTAND  
WHY RADIO CIRCUIT REQUIRED. C. FIRST THOUGHTS ON UHF LINKUP OF LOCAL  
LINES ARE THAT MRC69 EQPTS WOULD BE THE ONLY ONES AVAILABLE IMMEDIATELY TO  
DO THE JOB. COMMERCIAL EQPTS WOULD TAKE TOO LONG TO OBTAIN AND  
RAISE MANY MAINTENANCE AND INSTALLATION PROBLEMS. AT PRESENT  
WE DO NOT HAVE A MEDIUM RADIO RELAY TO RAISE SO WE COULD NOT MAN MRC69  
EQPTS. CONSIDER THEREFORE FOR THE TIME BEING AT ANY RATE CMM THAT  
WE WOULD NOT BE IN ANY POSITION TO PROVIDE VHF LINKS AS SUGGESTED.  
HAVE TO RELY ON CURRENT LINES FOR THE PRESENT. D. STAFF HERE HAVE  
RECEIVED REQUEST FOR CIVILIAN OP SWBD FOR HQ AAFV. THEY ARE NOT  
HAPPY WITH A CIVILIAN AND WILL BE RECOMMENDING A SOLDIER BE PROVIDED  
FROM AUST. DOUBT HOWEVER THAT ONE MAN ENOUGH FOR THE TASK.  
SUGGEST YOU INFORMALLY DISCUSS THIS WITH HQ AAFV IN ADVANCE OF AHQ  
REPLY

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17 Jul 65

PRIORITY 170120Z  
FM AUSTARM VIETNAM  
TO ARMY CANBERRA  
INFO COMCAN MELBOURNE

BT

SECRET SIGS 084 SITREP 162300Z. ONE. KW7 INSTL. COMPLETED AND IN TRAFFIC. THIS IS NOT LOC IN PERMANENT CRYPTO CENTRE SINCE WORKS NEC NOT YET COMMENCED. HOWEVER SYSTEM COMPLETELY WORKABLE AND SHOULD PROVE SATISFACTOR6. REPAIRED EQPT TO BE DEL TODAY AND FULL COMPLEMENT THEN SERVICEABLE. TWO. AN/TRC 75. JET GENERATOR OBTAINED US SOURCES. MOST RELIABLE BUT REQUIRES QTY 7 GALS FUEL/HOUR. WILL EMP AT HQ AAFV PENDING SUCCESS OF RAEME INVESTIGATION BUCKNELL GEN SET. EQPT FAULT IN TRANSMITTER PERSISTS DESPITE EXTENSIVE TESTING PROGRAMME BY USAF. CAN ONLY SUSPECT THAT THEIR TEST EQPT MISSES SOME IMPORTANT TUNING FUNCTION. STILL TRYING. THREE. TOOK RECEIPT SINGLET EQPTS. WAS CONCERNED LACK HANDBOOKS BUT THESE NOW ARRIVED SEPARATELY. COMCAN MELBOURNE PLEASE NOTE. FOUR. COMD MOST ANXIOUS WHEN FACILITY CAN BE PROVIDED TO INSTL AND EMP A TELECONFERENCE CIRCUIT. HAVE POINTED OUT IMPLICATIONS REGARDING OLC PROTECTION. HOWEVER STAFF WILLING ACCEPT CIRCUIT UNCLAS UNTIL PROTECTION CAN BE PROVIDED. MY LIMITED EXPERIENCE INDICATES KW7 WOULD BE MOST SUITABLE THIS ROLE. PLEASE ADVISE POLICY. FIVE. AM GOING TO TAKE E515 TX OFF CIRCUIT 18 JUL OFOR CHECK OF BRASSING CIRCUIT. WILL ADVISE TIMINGD DIRECTLY COMCAN MELBOURNE. SIX. YOUR SIGS 16669 OF 160006Z. APPRECIATE YOUR COMMENTS REGARDING LINES. IMPLICATIONS ARE . ALFA. ON VF OP OF TX COMCAN MELBOURNE ARE AT TIMES MONITORING TELE CONVERSATIONS IN CLEAR. BRAVO. STANDING TONE ON LINES AT TIMES WILL ADVERSELY AFFECT CHANNEL INTELLIGENCE. CHARLIE. CONSIDR PROBABLE THAT CIRCUIT WILL BE INFERIOR TO THAT A ACHIEVABLE WHILST VF TONES ARE EMP. DELTA. IF DC KEYING EMP 1851 D EQPT WOULD REQUIRE R E-INSTL AT TX AND RX SITES. THIS WOULD NECESSITATE OBTAINING TWO ADDITIONAL LINES EACH SITE. ALSO SHOULD BE NOTED THAT INSTL WITHIN TX VEH NOT POSSIBLE AND IN RX VEH INSTL ONLY POSSIBLE BY CUTTING UP BENCH SPACE. AT TX SITE EQPT WOULD REUQUIRE INSTL IN TENTAGE AND DIFFICULTY EXPECTED DURING MONSOON SEASON. CROSSTALK FACTORS UNDER DC KEYING MAY ALSO AFFECT OP. ECHO. IN SUMMARY NEITHER SYSTEM ATTRACTIVE BUT WILL ADOPT ONE MOST LIKELY SUCCEED UNDER LOCAL CONDITIONS. SEVEN. SAIGON EMBASSY CIRCUIT. DISCUSSIONS SHOW ANTICIPATED ~~P~~LOADING 30 THOUSAND GROUPS PER MONTH. CAN HANDLE THIS WITHIN LOCAL RESOURCES BUT MANPOWER REQUIREMENTS AND EQPT NEEDS CURRENTLY BEING EXAMINED FOR THIS AND ALL REQUIREMENTS. SEPARATE TABLE WILL BE FWD. WILL LIAISE CLOSELY WITH EMBASSY STAFF IN MATTER OF PROCEDURES. TENTATIVE ARRANGEMENTS ARE THAT EMBASSY RESPONSIBLE THEIR EQPT AND PROVISION OF LINE CIRCUIT AND ENCRYPTION ALL TRAFFIC. WILL ADVISE FURTHER . EIGHT. SWBD OPS FOR HQ AAFV. HAVE DISCUSSED INFORMALLY WITH STAFF AS YOU REQUESTED. AGREE THAT REAL REQUIREMENT IS CONTINOOUS OP. OBVIOUS MANPOWER BILL FOUR NOT ONE SWBD OP. THIS WILL BE FORMALISED AT STAFF LEVEL. NINE. YOUR SIGS 16785 OF 160630Z FOR BODGER FROM MOORE. CLOSEST COOPERATION WITH DAQMG THIS STAFF. ANTICIPATE NO DIFFICULTY OBTAIN STAFF APPROVAL MOV ITEM BY AIR WHERE NEC. ACK

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19 Jul 65 37 E

PRIORITY 190215Z  
FM ARM Y CANBERRA  
TO AUSTCAN VIETNAM  
INFO COMCAN MELBOURNE  
BT

SECRET SIGS 16840 YOUR SITREP 162300Z. ACK. RECEIVED AT 170621Z. ONE. WHAT SPACE WILL BE AVAILABLE IN PERMANENT CRYPTO CENTRE FOR INSTALLATION ADDITIONAL CRYPTO EQPT. FOR EXAMPLE SAY QTY TWO OR MORE KW26 IN LIEU KW7 ON SAIGON MELBOURNE CIRCUIT WITH POSSIBLE USE OF KW7 ON SAIGON BIEN HOA CIRCUIT (SHOULD YOUR FUTURE PLANS INCLUDE CRYPTO ON THIS CIRCUIT). APPRECIATE YOUR COMMENTS. TWO. AN/TRC-75 AND GEN SET PROBLEMS NOTED. THREE. TELECONFERENCE CIRCUIT. THIS FACILITY UNDER CONSIDERATION BUT IN OUR OPINION SHOULD NOT BE UNDERTAKEN ON EXISTING TRAFFIC CHANNEL UNTIL CRYPTO COVER CAN BE PROVIDED AND SECOND CHANNEL IS AVAILABLE. HOWEVER IN INTERIM PERIOD POSSIBLE TO OPERATE TELECONFERENCE FACILITY IF LIMITED TO SAY 30 MINUTES PER CONFERENCE PROVIDED CLN. ALFAM . PRIOR ENGINEERING TRIALS OF KW7 CHANNEL PATCHED AT MELBOURNE TO ALVIS/KW 26 CHANNEL MELBOURNE CANBERRA WERE SUCCESSFUL. BRAVO. INTERRUPTION TO NORMAL TRAFFIC FLOW ACCEPTABLE. FOUR. ENGINEERING TRIALS OF PATCHED CRYPTO SYSTEMS FOR TELECONFERENCE BODGERED SIGS STAFF SHOULD BE CONDUCTED AT TIME SUITABLE TO YOU AND COMCAN MELBOURNE. ADVISE WHEN READY. FIVE. UNDERSTAND YOU ARE ABLE TO OPERATE ONE TRAFFIC CHANNEL ONLY AT THIS TIME DUE TO DISPOSITION OF EQPT AND PERSONNEL. ADVISE WHEN SIMULTANEOUS OPERATION OF BOTH CLASSIFIED AND UNCLASSIFIED CHANNELS WILL BE POSSIBLE. SIX. CONCERNED ABOUT RE RADIATION OF TELEPHONE CONVERSATIONS IN CLEAR. RECOMMEND YOU ADVISE LOCAL USERS AND TAKE STEPS TO ELIMINATE ASP. YOUR SIX ECHO. ADVISE SYSTEM ULTIMATELY ADOPTED. SEVEN. EMBASSY TRAFFIC. YOUR COMMENTS NOTED. ALL TRAFFIC ACCEPTED SHOULD CONFORM TO ACP 127 IN REGARD TO SOM AND EOM PROCEDURE. EIGHT. PROPOSAL FOR SWITCHBOARD OPERATORS SHOULD INCLUDE ONE NCO. NINE. PRESS TRAFFIC. UNDER INCREASING PRESSURE FROM DPR TO ACCEPT MORE PRESS TRAFFIC. ADVISE WHEN YOU CAN ACCEPT THIS

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19 Jul 65 E 24

PRIORITY 190705Z

FM ARMY CANBERRA

TO AUSTCAN VIETNAM

INFO COMCAN MELBOURNE

BT

CONFIDENTIAL SIGS 16921 REF YOUR TELECONFERENCE MEMO 026.

AGREE NO NEED FOR SITREP. THANK YOU FOR COPERATION DURING CONFERENCE

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29 E  
PRIORITY

WZ

21 JUL 65

FROM AUSTCAN VIETNAM

TO ARMY CANBERRA

INFO COMCAN MELBOURNE

SECRET SIGS 092

SITREP 20 1600Z. ONE. UNABLE TRAVEL BIEN HOA DUE ALERT CONDITION SAIGON . HENCE AT THIS TIME UNABLE FWD ACCURATE INFO STATE BUCKNELL MODS. TWO. QTY ONE AN/TRC 75 NOW OPERATIVE AT SAIGON. FAULT EVENTUALLY TRACED TO TWO DEFECTIVE RECEIVERS FORMING PART OF FREQUENCY DETERMINING CIRCUIT IN TRANCEIVER. THIS IN SPITE OF EXHAUSTIVE TESTS IN USAF WKSPS. NOW HAVE FACILITY OPERATE EITHER CW, AM WITH REDUCED CARRIER AND USB, OR SSB, FROM HQ AREA. INTEND CONDUCT TESTS MELBOURNE 21 JUL. THREE. E515 FAULT. MT2 COUPLING CAPACITOR FAIDLED TONIGHT AND DAMAGED CONSIDERABLE PORTION HT CIRCUIT AND 3.1 MCZ INPUT CISCUIT TO ISB MONITOR. REPAIRED AND FUNCTIONAL. STABILIT Y OF TX EQTP FAULTS NOW APPREOACHING. BIAS SUPPLY NOT YET SATISFACTORY BUT ANTICIPATE FINAL REPAIR TONIGHT. SPENT CONSIDERABLE PORTION OF TODAY IN SETTING UP SINGLET EQPT AND ININST OPS IN FUNCTINS. QTY ONE EQPT UNSERVICEABLE ON ARRIVAL. SUSPECT OPEN CIRCUITED CHECK PROINTOUT COIL. WILL ADVISE. ONE EQPT REFUSED TO OP ON ARRIVAL DUE TO FAULTY LOCATOR CROSS OVER UNIT. OK NOW ANFD TWO EQPTS SERVICEABLE. INTEND EMP KL7 AS TEMPOARARY MEASURE BY ~~APR~~ BIEN HOA AFTERM THROUGH MAINT. CONSIDER CRYPTO SIT STABLE. FIVE. AFTER TWO DAYS STILL AWAIT ARRIVAL

US DTS. NOW EXPECTED TODAY. IN MEANTIME ALL MACHINES ADJUSTED AT US WKB SPS. SIX. NOISE FACTOR OF GEN SETS AT HQ AAFV WORRYING COMD. 8.3 8 SINCE THIS IS A JIONT OCCUPANCY WITH MACV STAFF. IN LONG TERM HAVE B LL PLAN UTILISE GARAGE AREA AS GENERATOR SHED. HOWEVER 400 CYCLE MACHINE EMP WITH ~~QTY~~ AN/ TRC 75 VERY NIOSY. WILL ATTEMPT ARRIVE INTERIN SOLUTION. SEVEN. A510. REQUEST CRYSTALS FOR FOL FREQS ASP FOR BACK UP BIEN HOA CCT. ALL FREQUENCIES KCS. ALFOA. 3519. BRAVO 3780.

~~17A123~~ CHARLIE. ~~0007~~ 7715. DELTA. ~~1212~~ 8164. 0) PLEASE ADFISE IF PRIORITY ALLOCATION THIS SMAALL PACKAGE WILL BE NEC AND WILL OBTAIN B LOCAL STAFF APPROVAL. EIGHT. INXSTL. CRYPTO CENTRE NOW LOC IN FUTURE TP ORDERLY ROOM TO ALLOW WORKS IN PERMEANEMT LOC. PERMANENT SIGCERN AREA CLEAR FOR WORKS. ALL THEAT IS NEED IS WORKMEN AND HAVE HAD PRIORITY ALLOC.

ACK



70  
E  
22JUL65

FROM AUSTCAN VIETNAM  
TO ARMY CANBERRA  
INFO COMCAN MELBOURNE

SECRET SIGS 095. SITREP 220800Z. ONE. YOUR SIGS 17197 OF 220128Z  
. REGRET NO QTY CRYSTALS NOTIFIED PREVIOUS SITREP. CONCUR THREE CRYSTALS  
EACH FREQUENCY. ACTION IN HAND CLEAR SUGGESTED FREQUENCIES. WILL ADVISE  
TWO. AN/TRC 75 TESTS. FAILURE LAST NIGHT DUE TO INGRES OF MOISTURE AT  
ANTENNA OUTLET, NO DAMAGE TO TX BUT SHUT DOWN DUE DIFFICULTY IN REPAIR  
OF DAMAGED CABLE AT NIGHT. TEST CONTINUE BUT NO PROBLEMS FORESEEN. MELBOURNE  
RECEIVING GOOD SIGNAL DURING DAYLIGHT HOURS. ANTENNA  
ERECTED OPS MORE EFFICIENTLY 14-20 MCS.  
ANTENNA FOR 8-14MCS TO BE ERECTED 23JUL. ANTICIPATE ERECTION IN TIME  
FOR CW TESTS TO WATSONIA. WILL ADVISE  
THREE. ARRANGEMENTS IN HAND PROCURE FROM US QTY THREE KWM2  
EQPTS 100WATTS CW/VOICE OP BIEN HOA - SAIGON. ON APPROVAL WILL ADVISE  
HQ AAFV STAFF. FOUR. PRC47 EXPERIENCE IN THEATRE THESE EQPTS INDICATE

PAGE TWO SECRET SIGS 095

DOUBTFUL RELIABILITY. INVESTIGATING FURTHER. IN DISCUSSIONS WITH 1 RAR  
STAFF CONCLUDE THAT ADEQUATE TERMINAL FACILITIES ESTB BIEN HOA A510  
CARRIED FWD WITH TPS SHOULD PROVIDE ADEQUATE REAR COVERAGE. AWARE  
OF THE SP PROBLEMS BUT CONSIDER THAT OF ALL EQPTS TP EXPERIENCED  
MAINLY IN MAINT OF C11/R210. AGREE THIS WOULD BE ORPHAN EQPT IN  
THEATRE BUT FORESEE LITTLE PROBLEM PROVIDED ADEQUATE SPARES  
BACKING AVAILABLE. C11/R210 OP TO A510 FWD MAY WELL PROVIDE AN  
IMMEDIATE SOLUTION. LOGISTIC SP OF CURRENT US EQPT LEAVES MUCH TO BE DES  
DESIRED COMMAND WE ARE USING REPAIR AND MAINT FACILITIES OF US FORCE  
TO CONSIDERABLE DEGREE ALREADY. CONSIDER DESIRABLE UTILISE OWN EQPTS  
WHERE POSSIBLE. COULD YOU RECONSIDER. FOUR. PERSONNEL. CONSIDER FORM  
OF EXISTING TP SHOULD BE REPLACED. DISCUSSING WITH COMD TOMORROW  
AND WILL ADVISE DETAILS BY OTP. FIVE. INFORMAL DISCUSSIONS WITH STAFF  
INDICATE SO2 SIGS APPT ON STAFF DESIRABLE. HOWEVER I FEEL THAT WHEN  
STABILITY REACHED VOLUME OF STAFF WORK REQUIRED WILL DECREASE  
CONSIDERABLY. TP COMMITMENT THIS THEATRE MUST RISE WITH ANTICIPATED  
USERS OVER CHANNELS. SUGGEST MAJOR APPT IN DUAL CAPACITY OF STAFF  
OFFR AND OC SIF DET. WILL NOT DISCUSS FURTHER UNLESS YOU INDICATE  
OUR POLICY ON THIS MATTER AND THEN ONLY BY YOUR DIRECTION. THIS ADVISE  
FWD FOR INFO ONLY. SIX. DISCOVERED TODAY FAULT IN 1851D EQPT. CONSIDER  
THIS FAULT HAS CONTRIBUTED TO CIRCUIT MALFUNCTION SOME TIME. FAULT  
REPAIRED AND ANTICIPATE NO FURTHER TROUBLE. SEVEN. ONLY ONE DEFECTIVE  
TR

PAGE THREE SECRET SIGS 095

TRC 75 REMAINS AND THIS IN PROCESS OF REPAIR. BUCKNELL GENERATORS REMAIN  
A PROBLEM. ALL AVENUES BEING INVESTIGATED AND CERTAIN A  
SOLUTION WILL BE REACHED. EIGHT. REQUIRE QTY 8 UP TO DATE CCT DIAGS  
SHOWING AUSTCAN NETWORK DIAGRAM WITH ROUTING INDICATORS. NINE. PLEASE  
ADVISE ANY FURTHER ACTION ON ATT OF SIFCEN SUPERVISOR. REQUIRE  
KNOWLEDGE FOR FUTURE PLANNING. TEN. NO WISH TO UNDULY PROLONG STAY  
BUT FEEL THAT SHOULD SEE FINAL FINAL SIG CEN AND CRYPTO CENTRE  
WELL UNDER WAY AND PREFERABLY COMPLETE BEFORE LEAVING. ELEVEN.  
CERTAIN WE ARE GAINING STAFF CONFIDENCE HERE IN OUR SYSTEMS WOULD  
BE A BOOST TO MORALE TO KNOW HOW REACTION AT AHQ

TWELVE. ALL EFFORTS OBTAIN DTS US SOURCES UNSUCCESSFUL. QTY THREE ONLY  
HELD IN SAIGON AREA AND QTY TWO OF THESE ARE U/S. HAVE DISCUSSED  
WITH STAFF IN TENS MAINT INSTR 3/65 AND OBTAINED AGREEMENT TPT  
URGENTLY BY AIR QTY ONE TDMS 6A. REQUEST YOU APPROVE RELEASE. STAFF SIGNS  
FOLLOWS. ACK

NNNNN  
3



22 JUL 65 ~~E~~  
31

PRIORITY 220110Z  
FM ARMY CANBERRA  
TO AUSTCAN VIETNAM  
INFO COMCAN MELBOURNE  
BT

SECRET SIGS 17197 YOUR SITREP 201600Z. ACK. RECEIVED 210610Z.  
ONE. EQPT SIT NOTED. TWO. REQUEST YOU PROVIDE COMPREHENSIVE REPORT  
ON TRIALS WITH AN/TRC-75. THREE. IN ABSENCE OF STATEMENT OF QTY  
REQUIREMENT FOR CRYSTALS FOR A 510 HAVE ARRANGED URGENT PROCUREMENT  
ACTION FOR QTY THREE EACH AS NIL STOCKS NOMINATED FREQUENCIES. NOTE  
THAT PROCUREMENT PROCESS WILL INVOLVE AT LEAST TWO TO THREE WEKS. CR-  
YSTALS FOR FOLLOWING FREQUENCIES IN KCS HELD IN STOCK AND IF ANY  
ACCEPTABLE YOUR AREA CAN PROVIDE ON NEXT AIRCRAFT CLN 3508 3513 3527  
3528 3716 3808 3816 3830 7655 7665 7750 7850 8125 8145 8165 8200.  
ADVISE SUITABILITY OF ALTERNATES ASP. APPROVAL FOR AIR MOV ARRANGED  
THIS END

BT

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32

25 JUL 65

TO ARMT CANBEEA

INFO COMCAN MELBOURNE

SECRET

SIGS 100

SITREP 250400Z . ONE. REGRET USE OF TERM PROCURE MY SITREP 220800Z  
RELATED KWM2 DQPTS . PURCHASE NOT INTENDED. ATTEMPTED OBTAIN LOAN  
EQPTS OP BIEN HOA - SAIGON. ADVICE REQUIRED HQ AFFV ALL LOAN EQPTS

TWO . ~~AN~~/ TRC TESTS TO MELBOURNE COMPLETED . APPEARS LIMITED RTT FACILITIES ACHIEVEABLE . NO SUCCESS ON CW TEST 2 SIG REGT . NOTHING HEARD 2 HOURS . WILL RETEST LATER THIS WEEK . REQUEST THAT FOR FULL REPORT ON SIGNAL ON TRC 75 TO ~~4~~ 6 SIG REGT DETAILS OBTAINED COMCAN MELBOURNE . DID NOT OP RECEIVE CCT OVER TRC 75, BUT EMP R391 AS NORMAL . THREE RECEIVE EQPT NOW OP IN DIVERSITY. FOUR. E515 VEH INSTL. ALFA . BIAS ~~YXXB/YDA+ZBB/Y4/H3A3A/BZ//~~ FAULT LOCATED IN REVERSED TRANSFORMER WIRING. THIS FAULT UNDOUBTEDLY PRESENT CONSIDERABLE TIME PERHAPS EVEN IN MEANUFACTURE. MY OPINION THIS CAUSED ALL PREVIOUSLY REPORTED PA PROBLEMS. BRAVO. SERIOUS MISALIGNMENT MT2 - AND TUNING CAPACITOR FAULT DISCOVERED. REPAIRED. CHARLIE. CONSIDER INITIAL INSTL OF THIS VEH BY ADE HIGHLY UNSATISFACTORY. NOTE THAT INTERMODULATION MEASUREMENTS AT RF IMPOSSIBLE SINCE WITH TX RADIATING DIRECT PICKUP

OF OUTPUT BY UNSCREENED LEADS BOTH WITHIN AND WITHOUT ISB MONITOR  
CAUSES FULL SCALE DEFLECTION OF DB METER IN ABSENCE OF ANY SIDEBAND  
INPUT. MY OPINION THAT EXTENSIVE WIRING ALTERATION BOTH TO EQPT AND TP  
VER INTSL WOULD BE NEC OVERCOME PROBLEM. FAULT AGGRAVATED BY APPARENT  
INCREASE REINSERTED CARRIER LEVEL WHEN MODULATION APPLIED. DEU SAME

CAUSE . PRESEMNT SIT IS THAT REINSERTED CARRIER WILL ONLY BE ADJUSTED  
OUT OF SCHEDULE WITH TX HT OFF. FUTURE INSTL ODF ISB DRIVE AND MONITOR  
EOPTS IN SCREENED CONEX SHELTER OBTAINABLE US FORCES DESIRABLE BUT LOW  
PRIORITY SINCE SYSTEM CAN BE OP SATISF~~E~~ACTORILY WITH CARE . AFOR POWER  
AND ANTENNAUOTLETS EXPECTED FROM STRATCOM RX SOURCE THIS WEEK . A CON-  
STANT LIASON J 6 REQUIRED TO PRODUCE THIS RESULT . FIVE. A519 0  
CRYSTALS . REQUEST QUANTITY THREE EACH OF THE FOLLOWING

(KCS) CRYSTALS . 3513 3816 8125 . YOU RSIGS 17197 OF 220110Z REFERS  
 SIX . MAIN / REAR BN COMMS 1 RAR. <sup>1726</sup> ~~WHERE~~ NOT IN  
 CHARTER OF 709 SIG TP . SIGNAL REQUIREMENTS TO BE REVIEWED FOR  
 OVERALL STAFF SUBMISSION ON STAFFING TO ANQ . WILL ENSURE YOU ADVISED  
 LOCAL THINKING WHENEVER INFO AVAL . SEVEN. FURTHER DISCUSSIONS 502  
 SIGS SQN COMD PROPOSAL TO BE HELD THIS WEEK . WILL ADVISE. EIGHT.  
 WILL ATTEMPT TODAY TO FIND FINAL ANSWER MAINT SP KW26 EPQPTS THIS  
 THEATRE. IF NO KW 26 OP BY US. 0127/1/1242/1/1 PLEASE ADVISE FOR FUTURE  
 PLANNING WHETHER WE STILL TO EMP THESE EQPTS. NOTE THAT ARI CON-  
 DITIONING FOR NEW CRYPTOCEN WILL CATER FOR KW26 OP , AND THAT SPACE  
 WHILST LIMITED COULD BE MADE AVAL FOR INSTL. NINE. HAVE SENT NO SITREP  
 OVER WEEKEND WHEN MY TIME OCCUPIED WHOLLY AT TX INSTL . IS CURRENT  
 FREQUENCY OF REPORTING SUFFICIENT. CONSIDER THAT DRAWINGS IN ROUGH  
 WITH MY EXPLANATORY LETTER WILL WHEN RECEIVED TIE UP LOOSE ENDS.

ACK



E  
37

26JUL65

FROM ARMY CANBERRA

TO AUSTCAN VIETNAM

INFO COMCAN MELBOURNE

SECRET SIGS 17533. YOUR SITREP 250040Z RECEIVED 260345M

ONE. LOAN AND NOT PROCUREMENT KWM2 NOTED.

TWO. WILL OBTAIN REPORT TRC 75 TRIALS FROM FROM COMCAN MELBOURNE.

THREE. IN VIEW FAULTS IN TX VEHICLE INSTALLATION REQUEST YOU PROVIDE WRITTEN REPORT (WHEN TIME PERMITS) IN SUPPORT OF SUBMISSION TO ADE.

FOUR. A510 CRYSTALS BEING FORWARDED . ALTHOUGH APPROVAL GIVEN THIS END FOR AIR MOVEMENT IN THIS CASE ALL FUTURE REQUIREMENTS IRRESPECTIVE OF SIZE OR WEIGHT MUST BE PROCESSED THROUGH AAFV STAFF FOR AIR MOV. THEREFORE REQUEST YOU ARRANGE STAFF CLEARANCE FOR QTY

PAGE TWO RAYDKA 144

12 A510 CRYSTALS BEING PURCHASED AGAINST YOUR ORIGINAL REQUEST.

FIVE. KW26 . UNLESS THIS EQPT EMPLOYED IN THEATRE BY US AND LOCAL MAINT SUPPORT AVAL KW26 WILL NOT BE ISSUED. THIS CONFORMS WITH AHQ POLICY REGARDING REDUCTION AUST LOGISTIC SUPPORT.

SIX. CURRENT BASIS OF REPORTING SATISFACTORY.

SEVEN. SERIOUS CONSIDERATION BEING GIVEN TO YOUR RETURN TO AUST. TARGET DATE IS 7/8 AUG. ADVISE WHETHER BUILDING AND INSTALLATION CAN BE EXPECTED TO MEET THIS TARGET

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34 E

28JUL65

FROM AUSTCAN VIETNAM

TO ARMY CANBERRA

INFO COMCAN MELBOURNE

SECRET SIGS 104. SITREP 280145Z. ONE. MY RETURN TO AUSTRALIA. ANTICIPATE NEC WORKS IN NEW BLDG COMMENCE 30JUL. HOLD UP DUE DELAY IN FUNDING OF MONEY. IMPOSSIBLE COMPLETE INSTL BY TARGET DATE 7/8AUG HOWEVER BASIC PLANNING DONE AND SHOULD BE WITHIN TP CAPACITY. IF THIS ACCEPTABLE WILL COMMENCE ARRANGEMENTS AIR MOV. WOULD HAVE LIKED TO SEE SIT STABILISED BUT REALISE CONFLICTING FACTORS. TWO. CW CIRCUIT SAIGON MELBOURNE. FEEL HAVE REACHED NEXT PHASE AND CW CIRCUIT SHOULD NOW BE A REVERSION RATHER THAN AN ALTERNATE. DO YOU CONCUR. THREE. AN/TRC 75. DO NOT REGARD VISIT BY COLLINS AUST REP NEC AT THIS TIME. QTY TWO EQPTS ARE OPERATIONAL AND ANTICIPATE OTHER CAN BE REPAIRED TP RESOURCES. SIGNIFICANT THAT NO FAULTS HAVE DEVELOPED SINCE REPAIR AND ANTENNA ERECTION. FOUR. EQPT GEN. HAVE FORMALISED STAFF REQUEST FOR MAINT SUP FOR EQPT COMPATIBLE WITH US ITEMS IN THEATRE. MUCH SP PREVIOUSLY OBTAINED ON AD HOC BASIS. WILL ADVISE RESULTING POLICY BUT ANTICIPATE US COOPERATION. FIVE. AN/TRC 75 NOW OP SAIGON - BIEN HOA CW/VOICE. BUCKNELL GENERATOR AT BIEN HOA MODIFIED TO INCL BREATHER IN FILLER CAP FOR SUMP. AWAITING RESULTS OF MODIFICATION IN TERMS OF HOURS ON CIRCUIT SIX. CIRCUIT CONDITIONS. REAR LINK CIRCUIT MELBOURNE MUCH BETTER. HOWEVER CONSIDERABLE CCT TIME BEING LOST DUE PARTICULARLY RECEIVER TUNING SAIGON. THIS HAS INTENSIFIED SINCE DIVERSITY OP INTRODUCED. MATTERS WILL IMPROVE AND EQPT FUNCTIONAL. SEVEN. ARRANGEMENTS MADE TO COLLECT QTY 10 MILES SPIRAL FOUR CABLE TOMORROW. ANTICIPATE OUR OWN LINES TO TX AND RX SITES WILL BE OPERATIONAL BEFORE 3AUG. THIS SHOULD REMOVE LAST OF KEYING PROBLEMS AND WILL STILL PROVIDE BACKUP OF PRESENT LINES WHICH WILL BE RETAINED. EIGHT. DEEPLY APPRECIATE CLOSE SP GIVEN ME BY D SIGS PAST WEEKS. FEEL CONFIDENT RESULTS WILL JUSTIFY. NINE. DO YOU WISH ME TO CONGRATULATE BRIG JACKSON ON PROMOTION ON YOUR BEHALF. FORMAL CONGRATULATORY PARTY 30 JUL. ACK



30 Jul 65

31E

PRIORITY

FROM AUSTCAN VIETNAM

TO ARMY CANBERRA

INFO COMCAN MELBOURNE

SECRET

SIGS 109

SITREP 300045Z . ONE. CONSIDER ADDITIONAL WORK WOULD EFFECT NO SIGNIF-  
ICANT CHANGE IN SIT HERE AND ARRANGEMENTS IN HAND TO DEPART VIETNAM  
7-8 AUG . PLEASE ADVISE FAMILY . TWO. ~~AN~~ CW CIRCUIT WATSONIA SAIGON  
~~FIRMLY/ESTABLISHED/~~ SATISFACTORY ON TEST . THREE. CW CIRCUIT  
BIEN HOA SAIGON FIRMLY ESTB AN/ ~~TRC~~ TRC 75 ~~TRC~~ . ARRANGING RTT OF THIS  
THIS CCT , WITH COMD VOICE FACILITY IF DESIRED. FOUR. TELEPHONE CCT  
BIEN HOA SAIGON NOW SATISFACTORY DUE PRESSURE FROM J6 RESULTING OUR  
REPRESENTATION! ANTICIPATE SECOND CCT CARRYING SPEECH PLUS TG ~~WILL~~  
BE OP NEXT WEEK . FIVE ~~TRC~~ . FRUSTRATED/IN INTENTIONS TO  
LAY SPIRAL FOUR CABLE TO TX AND RX SITE ~~DUE~~ DUE TO LACK OF CABLE ~~IN~~  
US DUMP. HOWEVER FD CABLE ON EXISTING POLE ROUTES BEING LAID  
CONSIDER THIS EXPEDIENT WILL PROVE SUPERIOR TO EXISTING SYSTEM A  
SINCE EQUASLISATION ANP AMPLOFICATION POSSIBLE. SIX. GEN SIT  
STABLE. SIGCEN SUPVR ARIVED. NEXT SITREP 2 AUG. ACK



30E

39

30 JUL 65  
FROM ARMY CANBERRA  
TO AUSTCAN VIETMAN  
INFO COMCAN MELBOURNE

SECRET SIGS 18081 YOU SITREP 300045Z RECEIVED ~~2~~ 300252Z.  
ONE. FAMILY ADVISED. PROVIDE FURTHER DETAILS WHEN KNOWN .  
TWO. GENERAL SIT AND ARRIVAL SIGCEN SUPER NOTED



H  
37

5 JUL 65

P

P 050225Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

BT

RESTRICTED SIGS054. D SIGS FOR SIGS 6. ONE. QTY 12

AMPLIFIERS AND QTY 3 POWER SUPPLIES RECEIVED. TWO. QTY 8

CV2245 (EJ/160E) VOLVES NOT RECEIVED AND URGENTLY REQUIRED.

REQUEST INFO ETA VALVES

BT



5 JUL 65

W  
H

R 050245Z

FM AUSTCAN VIET AM

TO ARMY CANBERRA

BT

RETRICTED SIGS 055. NO MAINT SPARES 10 KVA OR 27 POINT 5 KVA  
GEN SETS HELD. SO FAR OPS RELIABLE BUT SIT COULD RAPIDLY  
DETERIORATE. RQUEST ADVICE REGARDING PROVISIONS

NNNN



709 SIG TP  
SAIGON  
27 JUL 65

39

H

6/1/1(1)

HQ AAFV

LOCATION HIGH POWER TERMINAL - TRANSMITTER

1. THE ORIGINAL BRIEFING PRIOR TO DEPARTURE FROM AUSTRALIA OF THE SIG TP INDICATED THAT THE TRANSMITTER VEHICLE OF THE HIGH POWER TERMINAL WAS TO BE CO-LOCATED WITH US STRATCOM FACILITIES AT PHO LAM.

2. ON ARRIVAL IN THEATRE THE SITE AT PHU LAM WAS NOT AVAILABLE DUE TO ;-

(A) PHYSICAL LACK OF SPACE TO LOCATE AND SURVEY IN THE ANTENNA REQUIRED.

(B) LACK OF PHYSICALL SECURITY OF THE TRANSMITTER VAM.

3. THE ALTERNATIVE SITE OFFERED BY COMUSMACV (J6) WAS THE AREA 800 YARDS FROM 39 US SIG BN AREA ALONG THE MAIN ROAD FROM TAN SON NHUT AIRFIELD. AN APPLICATION FOR THE USE OF THE SITE WAS FORWARDED BY J6 TO VNAF ON 3 JUN 65. THIS APPLICATION WAS NOT APPROVED.

4. THE PRESENT LOCATION OF THE TRANSMITTER IS ADJACENT TO THE US RECEIVER SITE ON THE TAN SON NHUT AIRFIELD. THIS HOWEVER IS A LOCAL ARRANGEMENT WITH THE COMD OF 1964 ( USAF( C COMM GP AND UNDER THE TERMS OF THE CONTRACT MAY BE WITHDRAWN AT ANY TIME WITH SIX MONTHS GRACE FOR THE REMOVAL OF THE TRANSMITTER INSTL.

...R.TWISS....CAPT  
OC 709 SIG TP



6 Jul 65 <sup>40</sup>  
I

O 060200Z

FM ARMY CANBERRA

TO AUSTCAN VIETNAM

BT

CONFIDENTIAL SIGS15674. FOR MAJ BODGER (BODGER) FROM SIGS SISX.  
YOUR SIGS 054. VALVES CHARLIE VICTOR 2245 QTY 8 DESPATCHED IN TWO  
CASES QANTAS FLT QF 733/170 TUES 29 JUN WAYBILL NO 081/1018611 ADD-  
RESSED CARE OF CONSUL SAIGON. REFERENCE 10 AND 2795 KVA GENERATOR SPARES  
50 PERCENT OF ASPARES SCALING READY TO MOVE BY COURIER PLANE THIS WEK  
BALANCE BEING OBTAINED AND WILL BE FORWARDED AS THE BECOMD AVAILABLE.  
IF CRITICAL ITEMS NOT (NOT) AVAIL REQUEST YOU ADVISE AND ORD WILL  
RPOCURE SEPARATELY. REF E515 SPARES. 75 PERCENT OF SPARES SCALING CAR-  
RIEDWITH 709 SIG TP BALANCE ON ORDER AND WILL BE FORWARDED AS THEY BECOM<sup>me</sup>  
AVAILABLE. ISSUE ORDERS ARE RAISED PENDING DELIVERY OF SPARES INTO ORD  
SISSUE ORDERS ARE RAISED PENDING DELIVERY OF SPRES INTO ORD EPOT.  
QM 2 SIG REQGT ADVISED DPD THAT ADQUATE SPARES HOLDINGS WERE  
TAKEN WITH TROOP. IF CRITICAL ITEMS REQUED PLEASE ADVISE

BT



12 Jul 65  
4  
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PRIORITY 120055Z  
FM ARMY CANBERRA  
TO AUSTCAN VIETNAM  
INFO COMCAN MELBOURNE

BT

SECRET SIGS 16193 YOUR SIGS 068 OF 092015Z AND FURTHER MY SIGS 16155  
OF 101000Z. FOLLOW UP ACTION TAKEN ON SPARES FOR TDMS AND E515. WILL  
ADVISE MOV DETAILS WHEN KNOWN. QUERY ON TRC75 ANTENNA REFERRED TO  
D EQPT/ADE FOR INVESTIGATION AND OUTCOME WILL BE ADVISED ASP

BT

NNNN



9 Jul 65

42  
I

PRIORITY 090205Z

FM ARMY CANBERRA

TO AUSTCAN VIETNAM

BT

SECRET SIGS 16115 FOR MAJ BODGER FROM RYAN. YOUR SIGS 057. 050935Z  
PARA 2B. QUANTITY 3 SINGLET EQPTS WILL BE DESPATCHED EX SYDNEY VIA  
EXTERNAL 14 JUL 65. EQPTS SHOULD ARRIVE SAIGON VIA SPECIAL  
DIPLOMATIC COURIER FROM BANGKOK ON 15 JUL 65. CHECK WITH EMBASSY

BT

NNNN



9 Jul 65

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43

ROUTINE 090535Z

FM ARMY CANBERRA

TO AUSTCAN VIETNAM

BT

UNCLAS SIGS 16122 V~~V~~oice FREQUENCY AMPLIFIERS TC 2017B. ONE COPY OF  
DRAFT HANDBOOK OBTAINED FROM MANUFACTURER AND FORWARDED PER REGISTERED  
AIR MAIL TO 709 SIG TP C/- HQ AAFV SAIGON VIETNAM. NO OTHER COPY  
AVAILABLE

BT

NNNN



192/4/1

P290330Z

FM ARMY CANBERRA

TO AUSTCAN VIETNAM

BT

S E C R E T SIGS17902. FROM D SIGS. ONE. FOLLOWING IS EXTRACT  
OF INTERIM REPORT ON BUCKNELL GEN SETS UNDERGOING SIMULATED TROPICAL  
TRIALS AT ADE. QUOTE THREE OUT OF FOUR GENERATORS HAVE SUFFERED FROM  
QUITE HEAVY OIL LEAKS AROUND THE MOUNTING PLATE WHICH CARRIES  
THE OIL FILTER CMM OIL PRESSURE SWITCH AND OIL PRESSURE GUAGE. THIS  
DEFECT COULD BE CONFUSED WITH A LEAKING SUMP GASKET. DEFECT IS  
CONSIDERED TO BE CAUSED BY OVERTIGHTENING AND RESULTANT STRECHING OF  
THE MILD STEEL HOLDING BOTS DURING PRODUCTION. REMEDY IS TO REPLACE  
THE THREE EXISTING MILD STEEL BOLTS EITH HIGH TENSILE UNC (UNIFIED  
STANDARD COARSE) FIVE SIXTEENTH BY TWO INCH BOLTS AND TIGHTEN TO  
THIRTY FOOT FOUNDS UNQUOTE. TWO. RECOMMEND YOU CARRY OUT REMEDIAL  
ACTION AND REPORT RESULTS

BT

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LM 45

R M 030325Z

M AUSTARM VIETNAM

TO ARMY CANBERRA

INFO AUSTARM VIETNAM

BT

R E S T R I C T E D. SIGS 046. COMSTAT. ALFA. 1 JUL 65. PART ONE .

TRC75 CW LINK ON STANDBY FOR ENGINEERING LOGS

PART TWO. BRAVO. 2-9 HRS. ECHO. 0001-0030Z F7B 0050-1000Z F13B. 1000Z

-2400Z F4B. FOXTROT. 0030-0050Z. GOLF. G1. 0715-0805Z CARRIER LEVEL DOWN

1210-2400Z TX FAULT BIAS TO RA TUBE LOW. REPAIRED.

PART THREE. HOTEL. TOTAL 17. Y1. 01. P14. R1

JULIETT. TOTAL 3. Y1. 01. R1

KILO. IN TOTAL 21. 05. P15. R1

OUT TOTAL 19. Y2. 07. P8. R2

BT

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W45

R M NDTG

FM AUSTCAN VIETNAM  
TO ARMY CANBERRA

INFO AUSTARM VIETNAM

BT

R E S T R I C T E D. SIGS 047. COMSTAT. ALPHA. 2 JUL 65. PART ONE .

CW LINK ON STAND BY

PART TWO. BRAVO. 5 0 HRS. ECHO. 0001-0026Z F7B 0026-0615 Z F13B. 0615-  
2400Z F4B. GOLF. TX FAULT TRANSFORMER REPLACED. 1340-1950Z.

PART THREE. HOTEL. TOTAL 35. Y2. 013. P4. R16

JULIETT. TOTAL 26. 0 3. P 12. R11

KILO. IN TOTAL 11. Y2. 0 4. P 4. R1

OUT TOTAL 2. Y 1. P1

BT

NNNN



47  
M  
R M 040655Z

FM AUSTCAN VIETNAM  
TO ARMY CANBERRA  
INFO AUSTARM VIETNAM

BT

R E S T R I C T E D. SIGS 048. COMSTAT. ALPHA 3 JUL 65. PART ONE.

TRC-75 LINK ON STAND BY. PART TWO. BRAVO. 9-6 HRS IN OPS.

ECHO. 0001-0145ZF4B. 0145-1100Z F13B. 1100-2328Z F4B . 2328-2400Z

F13B. FOXTROT. 0410-0435Z. GOLF. G2. VMG RX FAULT 0900-1000Z. HOTEL.

TOTAL 16. O 11. P 3. R 2. JULIETT. TOTAL 44. O 4. P 20. R 20. KILO.

IN TOTAL 27. O 6. P 10. R 8. M 3. OUT TOTAL NIL

BT

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M  
UX

NNNNAAR 050758Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

BT

R E S T R I C T E D . SIGS056 . COMSTAT . ALPHA . 4 JUL 65 . PART ONE .  
TRC75 LINK ON STANDBY . PART TWO . BRAVO 1007 HRS . ECHO . 0001 - 1025Z

F13B . 1025-2150Z F4A . 2150-2400Z F13B . GOLF . PART THREE . HOTEL .

TOTAL 29 . Y 1 . 07 . P6 .

R 1<sup>4</sup> . M 1 . JULIETT . TOTAL 19 . 09 . P7 . R3 .

KILO . TOTAL IN 8 . Y1 . 03 . R3 . M1 TOTAL OUT NIL

BT

NNNNAA



ROUTINE 060855Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

INFO AUSTARM VIETNAM

BT

R E S T R I C T E D. SIGS059. COMSTAT. ALPHA. 5 JUL65. PART ONE. TRC  
75 LINK ON STANDBY. SITE TO BE RELOCATED 6 JUL65. PART TWO. BRAVO.  
12.1 HRS. ECHO. 0001-1100Z F13B. 1100Z-2400Z F4B. GOLF. G2. DIFFICULTY  
IN TUNING VMG RX TO INCOMING CARRIER. PERIOD 1150-1225Z. VMG CARRIER  
LEVEL SOW. G3. POWER FAILURE SIGCEN 1730-1825Z.  
PART THREE. HOTEL . TOTAL36. 011. P10. R15.  
JULIETT. TOTAL24. Y1. 04. P9 . R10  
KILO. IN TOTAL3. P2. R1.  
OUT TOTAL NIL

BT

69  
M



504

ROUTINE 070235Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

INFO AUSTARM VIETNAM

BT

R E S T R I C T E D. SIGS COMSTAT. ALPHA 6 JUL65. PART ONE. TRC 75  
DISMOUNTED FROM VEH AND REINSTALLED IN HQ AAFV. PART TWOM BRAVO  
10.8 HRS. ECHO.0001-0211Z F4B. 0211-1040Z F13B. 1040Z-2320Z F4B.  
2320-2400ZF7B. FOXTROT. VMA ZGN1220-1330Z. GOLF. G3. GENERATOR FAULT  
VMG RX 1720-2400Z. PART THREE. HOTEL. TOTAL 59. Y2. 013. P19 .R22.  
M2.

JULIETT. TOTAL27. Y1. 06 . P11. R9

KILO. TOTALIN 7. Y2. 03. P2. TOTAL OUT1. Y1

BT  
55



MAH

ROUTINE 090200Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

INFO AUSTARM VEITNAM

BT

R E S T R E C T E D. SIGS062. COMSTAT. ALPHA 7 JUL 65. PART ONE . TRC  
75 ON STANDBY AS FROM 0900Z. PART TWO. BRAVO. 6.9 HRS. ECHO. 0001-  
0440Z F7 B. 0440-1030Z F13B. 1030-1150Z F7B. 1150-1830Z F7B. 1830-  
2200Z F19B. 2200-2400Z. GOLF. G1 TX GATE CCT FAULT 0400-0440Z. G3. RX  
GENERATOR FAULT 0001-0047Z. 0058-0150Z. G12. VMG KEYING OUT ON F7B AS  
PER ENG LOG DE VMA 1150-1815Z. VMA RECEIVERS CHECKED ONLY F19B B.  
PART THREE. HOTEL. TOTAL 32. Y1. P12. R8 M1. Z3. 07. JULIET. TOTAL 17  
.Z1. Y1. 03. P8.R4 KILO. TOTAL IN 7. Z1. 01. P5. TOTAL OUT NIL

BT



52  
M

ROUTINE 100315Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

INFO AUSTARM VIETNAM

BT

R E S T R I C T E D SIGS070. COMSTAT. ALPHA. 9 JUL 65. PART ONE.

BOTH TRC 75 THIS LOC US. PART TWO. BRAVO 9 PT 7 HRS. ECHO. 0001-0400Z

F7B. 0910-2127Z F4B. 2127-2400Z F6B. GOLF. G1. TX OVERLOAD AND

REPLACEMENT OF MINOR HT TRANSFORMER 0400-0910Z. HOTEL. TOTAL 27. 08.

Y1. P11. R7. JULIET TOTAL 37 Y1. 04. P21. R11. KILO. TOTAL IN. Z1.

Y4. 02. P6. R1. TOTAL OUT. NIL

BT



11  
531

ROUTINE 110730Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

INFO AUSTARM VIETNAM

BT

R E S T R I C T E D SIGS072. COMSTAT. ALPHA. 10 JUL65. PART ONE. AN/  
TRC 75 EQPT STILL FAULTY NO CIRCUIT CONDITION REPORT AVAILABLE. PART  
TWO. HIGH POWER TERMINAL. BRAVO. 13.3 HRS. CHARLIE. SSB RECUCED  
CHANNEL. ECHO. 0001-1300 F6B. 1300-2005ZF4B. 2005-2499Z F6B. GOLF.  
G12. REVERSED PATCHING AT SIGCEN 0025-0045Z. G13. MACHINE FAULTS SIGCEN  
0140-0150Z. 0200-0200Z. PART THREE. HOTEL. IN TOTAL 27. 05. P12.  
R 9. M1. JULIETT. OUT TOTAL 26. 07. P13. R YM KILO. OUT TOTAL. NIL .  
IN TOTAL 9. Z2. 02. P5. PART FOUR. COMSTAT V WLL BE COMPILED FOR  
BOTH AN/TRC 75 AND HIGH POWER TERMINAL CCTS

BT



56  
M

ROUTINE 120310Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

INFO AUSTARM VIETNAM

BT

R E S T R I C T E D SIGS074. COMSTAT. ALPHA 11 JUL65. PART ONE. TRC/UT

STILL UNSERVICEABLE. PART TWO. BRAVO. 18 PT 4 HRS. ECHO. 0001-2330Z

F6B 2330-2400Z. GOLF. G3. POWER CHANGEOVER TO 240V AT RECEIVERS AS

EMERGENCY MEASURE 1430-1550Z. WILL RECONVERT TO 110V WHEN US GENERATORS

BOTH OPERATIONAL. PART THREE. TRAFFIC. HOTEL. TOTAL OUT 26. 02. P19.

R5. JULIET. TOTAL IN 26. 02. P13. R11. KILO. NIL

BT



14  
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ROUTINE

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

INFO AUSTARM VIETNAM

BT

R E S T R I C T E D SIGS077. COMSTAT. ALPHA 12 JUL 65. PART ONE. AN  
TRC 75. LINK. ONLY ONE GEN SET OPERABLE.

LOC BIEN HAO. TRC 75 STILL FAULTY TUNING ON C BAND. CIRCUIT NOT  
AVAILABLE. PART TWO. BRAVO. 9.0 HRS . ECHO. 0001-0400Z F13B. 0900-2400Z  
F6B. GOLF. G1. TX POWER SUPPLY FAULT 0920-1020Z. TX OFF AIR FOR EFI.

PART 2. TEST AND REPAIR.

1304-1630Z. G3. RX POWER FAIL 0430-0435Z. SIGCEN POWER FAIL 1040-1109Z

BT



1451

ROUTINE 170100Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

BT

R E S T R I C T E D SIG086. COMSTAT. ALPHA. 15 JUL65. PART ONE. AN/  
TRC75 STILL FAULTY. USAF TURBO GENERATOR IN USE FOR ON SITE TESTING.  
PART TWO. 11.1 HRS. ECHO. 0001-0125Z F13B. 0125-1145Z F13B. 1145-2045Z  
F6B. 2045-2140Z F19B. 2140-2200Z F7B. NOT USABLE ON VMG TX DUE FAULTY  
TUNING MECCINISM. 2200-2330Z F6B. 2330-2400Z F13B. FOXTROT. VMA ZGN  
1035-1650Z. GOLF. G1. 0425-0500Z FAULTY AIR PRESSURE CONTACTOR IN  
RF CABINET VMG. PART THREE. TRAFFIC. HOTEL. TOTAL IN 62. 09. P25. R  
2RM M4. JULIET. TOTAL OUT27. Z1. 02. P17. R7. KILO. OUTNIL. IN  
NIL

BT



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57

ROUTINE 170130Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

BT

R E S T R I C T E D SIGS085. COMSTAT. ALPHA16 JUL65. PART ONE. TRC 75  
EQPTS STILL FAULTY. PART TWO. BRAVO. 17.4 HRS TFC. 4.0 HRS TFC AVAILAB-  
ILITY ON ENGINEERING CHANNEL WHILE OLC CCT ENGINEERED. 13.4 HRS NORMAL  
TFC AVAILABILITY. ECHO. 0001-0900ZF13B. 0900-1116 !6B. 1116-1523Z  
F4B. 1523-2220Z F1B. 2220-2400Z F13B. GOLF. G12. 1215-1720Z OLC WIRING  
FAULTY. 1940-2000Z OLC TG MACHINE FAULT . PART THREE. TRAFFIC. HOTEL.  
TOTAL IN 43. 03. P18. R21. M1. TOTAL OUT. 25. 07. P13. R5. KILO. TOTAL  
IN 4. P3. M1. TOTAL OUT NIL.

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58  
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R 190820Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

BT

R E S T R I C T E D. SIGS090. COMSTAT. PART ONE. TRC75. CCT IN USE  
TO BIEN HOA. EQPT WILL NOT TUNE ABOVE 7 MCS. PART TWO. BRAVO. 7.0  
HRS. ECHO. 0001 - 0930Z F13B. 03 0930 - 1310Z F6B. 1310 - 2105 Z F4B.  
2105 - 2145Z F1B. 2145 - 2400Z F13B.

FOXTROT . 11100 - 1220Z . 1430 A 2340 Z VMA ZGN.

GOLF. G1. VMG TX OFF CCT TO ALLOW MAINT AND RECTIFY LOW  
BIAS VOLTS READING.

PART THREE. TRAFFIC . HOTEL. TOTAL ~~Z~~ IN 14.

ZI . R13. JULIET. ~~TOA~~ TOTAL OUT 6. P5. R1. KILO~~4~~. TOTAL OUT 4. Z1.

Y1. 01. P1

BT



59

R 200415Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

BT

RESTRICTED SIGS091. COMSTAT. ALPHA. 19 JUL 65.

PART ONE. AN/TRC 75 IN COMMS WITH BIEN HOA BOTH WAYS.

EQUIPMENT TUNES ONLY ON LOW BAND.

PART TWO. BRAVO. EIGHTEEN HOURS.

ECHO. F 13B FM 0016Z TO 0900Z.

F5B FM 0900Z TO 1420Z.

F1B FM 1420" TO 2125Z.

F6B FM 2125Z TO 2245Z.

F13B FM 2245Z TO 0001"Z

FOXTROT. VMA ZGN FM 2100Z TO 2230Z.

PART THREE. TRAFFIC. HOTEL. TOTAL 24. OP IMMED 2. PRIORITY 7. ROUTINE  
15.

NJULIETT. TOTAL 24. OP IMMED 1. PRIORITY 8. ROUTINE 15.

KILO. TOTAL OUT 1. FLASH 1. TOTAL IN NIL

BT



60

14

R 210325Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

BT

RESTRICTED SIGS093. COMSTAT. ALPHA. 20 JUL 65.

PART ONE. AN/TRC75 IN COMMS WITH VMA.

PART TWO. BRAVO. OPS 13.7 HRS

ECO. F13B FROM 0001Z TO 1055Z.

F6B FROM 1055Z TO 231Z.

F13B FROM 231Z TO 0001Z.

GOLF. G 1 VMG X TX OFF THE AIR FROM 0740Z TO 1530Z.

TROUBLE WITH MT2 RECITIFIERS.

HOTEL. TOTAL 37. O 1. P 9. R 23. M 4.

JULIETT. TOTAL 17. O 1. P 7. R 8. M 1.

KILO. TOTAL OUT 8. Z 2. O 1. P 5

BT



61  
4

R 220820Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

BT

RESTRICTED SIGS094. COMSAAT. SLPHA. 21 JUL 65. PART ONE TRC 75 CCT.  
TEST CONDUCTED TO MELBOURNE USING 1851D CHANNELLING EQPT. TWO CHANNEL  
OPERATION. CH1 AND CH 3. TWO TRANSMITTERS ON AIR SIMULTANEOUSLY FROM  
0300Z. BRAVO 8.0 HSS. CHARLIE LONG WIRE. DELTA. 2 CHANNEL SSB.

ECHO. 0300-08300Z F14B. 0800-0810Z F4B. 0810-1330Z .

GOLF. G 3. ARCING ON LONG WIRE ANTENNA TRC 75 CCT CLOSED TILL SET  
CHECKED. AVAILABLE 0100Z 22 JUL 65.

PART TWO. BRAVO 11.9 HRS. ECHO. 0001-0800Z F13B. 0800-1115Z F9B.

1115-2230Z F5B. 2230-2400Z F13B. GOLF. G 1. 0002-0045Z RECTIFIERS  
REPLACED IN MT2. 1803-1838Z FAULTY GATE SWITCH VMG. 2307-2315Z PATCHING  
FAULT VMG. G 2 CV157 FAULT VMG 1645-1720Z.

PART THREE. HOTEL TOTAL IN 43. O 2. P 10. R 30. M 1. JULIET. TOTAL OUT.  
27. Z 1. 00 2. P 13. R 11

BT



M 62

R 230720Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

BT

RESTRICTED SIGS097. COMSTAT.

ALPHA. 22 JUL 65. PART ONE. TRC 75 CCT.

BRAVO. 14.1 HRS. ECHO. 0045-0234Z F16B . 0234-0245Z F15B.

0245-2359Z F17B. PART TWO. BRAVO. 7.8 HRS . ECHO. 0001-1010Z

F13B. 1010-1413Z F5B. 1413-2000Z P 4B.

2000-2245Z F2B. 2245-2400Z F13B. GOLF. G 1. 0340-0400Z RETUNE

ISB DRIVE. G 12. FAULT IN 1851D SEND CONTROL MODULE.

SPARE UNIT FALLTY. 0815-0915Z. PART THREE. HOTEL. TOTAL IN 12. P 2. R 10

JULIETT. TOTAL OUT. 20. P 10. R 10. KILO. TOTAL IN 1. R 1. TOTAL OUT

1. 0 1

BT



146

R 240705Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

BT

RESTRICTED SIGS098. COMSTAT. ALPHA. 23 JUL 65. 0-45 9,3. TRC 75 CCT.

BRAVO. 1 HOUR. ECHO. 0001-0100Z F17B.

PART TWO. BRAVO. 18 HOURS. ECHO. 0001-1010Z F13B.

1010-2135Z F5B. 2135-2359Z F6B.

PART THREE. HOTEL. TOTAL IN. 29. M 1. P 12. 4 16.

JULIET. TOTAL OUT. 16. P 11. R 5.

KILO. TOTAL IN. 1. 0 1.

TOTAL OUT. 1. 0Y 1

BT



66

M

R 250115Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

BT

R E S T R I C T E D. SIGS99. COMSTAT. ALPHA. 24 JUL65. PART ONE. TRC  
75 CCT. USED WHILE HP TX BEING OVERHAULED. BRAVO. 0745 HOURS. ECHO.  
~~XXXXXX~~ 0045 - 0130Z F14B. 0130-0830Z F16B.

A PART TWO. BRAVO. 6.85 HOURS. ECHO. 0001 - 0300Z F13B.

0800 - 1420Z F6B. 1420 - 1510 Z F 5B. 1510-1630Z F19B.

1630 - 2315Z F2B. 2315-2359 F13B. GOLF. G1. 03300-0800Z TX OVERHAULED  
. G2. URR 391 FAULT VMG 0355- 0530Z.

PART THREE. HOTEL. TOTAL IN NIL. JULIET. TOTAL OUT.

10. Z1.Y1. P4. R4. KILO. TOTAL OUT. 1 . Z1.



M 65

R 260530Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

BT

R E <sup>S</sup> T R I C T E D. SGIGS101. COMSTAT. ALFA. 26 JUL 65. PART ONE. TRC  
75 CCT. EQT USED FOR PERIOD 0153-0610Z TO COVER MAINT OF HP TERMINAL.  
BRAVO. 1.5 HRS. ECHO. 0155-0500Z F16B. 0500A0610Z F6B.  
PART TWO. BRAVO. 10.5 HRS. . DELTA. RECEIVERS NOW OPEATING IN DIVERSITY.  
ECHO. 0001-0330Z F13B. 0330-0610Z LOCAL TESTS ON 6B. 0610-1310Z F6V.  
1310-1320Z F4B . 1320-1545Z F6B. 1545-1750Z F2B. 1750-2030Z F4B.  
2030A2250Z F5B. S2250-2359Z F10B. FOXTROT. VMA ZGN 1.6 HRS. GOLF. G3.  
POWER FAILURE TX SITE 0.5 HRS. G1. TX WITHDRAWN FROM USE FOR MAINT 0330-  
0610Z . PART THREE. HOTEL. TOTAL IN 11. P1. R10. JULIET. TOTAL OUT 2.  
P1. R1. KILO. TOTAL OUT 1. Z1. TOTAL IN . NIL

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M 65

R 270530Z

RFM AUSTCAN VIETNAM

TO ARM CANBERRA

BT

RESTRICTED SIGS102. COMSTAT. LLPHA. 26 JUL 65.

PART ONE. AN/TRC75 ON STANDBY. PART TWO. BRAVO. 9.2 HRS.

ECHO. 0001-1028Z F10B. 1028-2005Z F6B. 2005-2340Z F4B.

2340-2400Z F13B. FOXTROT. VMA ZGN 1005-1166Z . 0.8 HRS. ANTENNA FEEDER

FAULT. GOLF. G 3. POWER FAILURE VMG RX 1140-1326Z . 1.8 HRS.. PART T

THREE. HOTEL. TOTAL IN. 17. P 4. R 13. JULIET. TOTAL OUT.

36. P 17. R 19. KILO. TOTALS IN AND OUT. NIL

BT



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R 300210Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

BT

R E S T R I C T E D. SIGS110. COMSTAT. ALFA. 29. JUL 65.

PART ONE. AN/TRC 75 IN COMMS WITH BIEN HOA ON ONE HOUR MASKEDS.

PART TWO. BRAVO. 14 HRS 22 MINS. ECHO. F13B FROM 0001Z TO 0655Z

F6 B FROM 0655Z TO 1058Z F1B FROM 1058Z TO 2140Z F13B FROM 2140Z TO 0001Z

FOXTROT. 2200Z VMA ZGN UNTIL 2235Z P

PART THREE. TRAFFIC. HOTEL. TOTAL 22. P8M. R14.

JULIETT. TOTAL 18. 03. P4. R11. KILO. NIL

BT

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4 68

R 310420Z

FM AUSTCAN VIETNAM

TO COMCAN MELBOURNE

BT

R E S T R I C T E D. SIG 113. COMSTAT. ALPHA. 30 JUL 65.

PART ONE. BRAVO. 24 HRS ON THE HOUR EVERY HOUR TO BIEN HOA.

CHARLIE. WHIP

ECHO. F2

HOTEL. 4 TO 5

PART TWO. BRAVO. 16 HRS

DELTA. MODE ONE 0001Z TO 1500Z

MODE TWO 1500Z TO 2200Z

MODE ONE 2200Z TO 0001 Z

ECHO. F13B 0001Z TO 0915Z

F7 B 0915Z TO 1115Z

F6B 1115Z TO 1410Z

F4B 1410Z TO 1447Z

F1B 1447Z TO 2200Z

F7B 2200Z TO 0001Z

PART THREE. TFC STATE. HOTEL. TOTAL 63. 02. P14. R17. M3. SVC27 KILO.

TOTAL 40. 02. P9. R4. SVC 25

BT

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69

R M 010630Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

BT

R E S T R I C T E D. SIGS114. COMSTAT. ALPHA. 31 JUL 65 PART ONE. BRAVO.  
24 HRS ON THE HOUR EVERY HOUR TO BIEN HOA. CHARLIE. WHIP . ECHO. F2.  
HOTEL 4 TO 5.

PART TWO. BRAVO. 4 HRS 20 MINS

DELTA. MODE 1 0001-0135.

MODE 2 0135 -0405

FSK 0405-2359

ECHO. F7B 0001-0020

F13B 0020-1215

F4B 1215-1313

F6B 1312-2055

F1B 2055 -2245

F13B 2245-2359

OLF. G3. 2255-2359 POWER FAILURE RX. G12. 0715-1215 LINE FAULT VMG

TX. G13. 0135-0250 MACHINE FAULT.

PART THREE. TFC STATE. HOTEL. TOTAL 20. 01. P2. R4. M1. S/W 12. JULIETT.

TOTAL 30. 04. P9. R5. S/W 12.

BT

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N 70

M 020515Z

FM ARMY CANBERRA

TO AUSTCAN PERTH

AUSTCAN DARWIN

INFO WIREG CABARLAH

AUSTCAN VIETNAM

BT

R E S T R I C T E D SIGS 15489. ROUTING FOR AUST ARMY FORCE VIETNAM.

EFFECTIVE FORTHWITH ALL TRAFFIC FOR AUST ARMY UNITS IN VIETNAM

SHOULD BE ROUTED TO TAYAH

BT



271  
P 060258Z

FM ARMY CANBERRA  
TO AUSTCAN VIETNAM  
COMCAN MELBOURNE

BT

C O N F I D E N T I A L SIGS15682. FROM D SIGS. CLEARANCE OF  
PUBLIC RELATIONS TRAFFIC. REPORTS RECEIVED HERE THAT AUSTCAN  
VIETNAM IS NOT ACCEPTING PUBLIC RELATIONS TRAFFIC FOR CLEARANCE TO  
AUSTRALIA. YOU SHOULD BE AWARE THAT TRAFFIC ORIGINATED BY PUBLIC  
RELATIONS IS FORMAL TRAFFIC AS DISTINCT FROM TRAFFIC ORIGINATED BY  
PRESS REPRESENTATIVES. YOU SHOULD ACCEPT THAT TRAFFIC CMM CLEARING IT  
BY ALTERNATE MEANS IF THE AMF CIRCUIT CANNOT BE USED

BT



~~11~~ 72

R 080130Z

FM ARMY CANBERRA

TO AUSTARM VIETNAM

COMCAN MELBOURNE

BT

C O N F I D E N T I A L SIGS 15893. MELBOURNE VIETNAM CIRCUIT. CLEARANCE  
HAS BEEN GIVEN FOR SINGLE SIDEBAND TRANSMISSION ON ALL FREQUENCIES  
ASSIGNED TO MELBOURNE TERMINAL. REQUEST ACTION TO BE TAKEN TO  
OBTAIN SIMILAR CLEARANCE FOR ALL FREQUENCIES ASSIGNED TO VIETNAM TERMINA  
AL AND ADVISE WHEN AUTHORISED

BT



11  
13

P 090630Z

FM COMCAN MELBOURNE

TO AUSTCAN VIETNAM

BT

R E S T R I C T E D CER1595 FOR PRONTO (PRONTO) FRM CDSO. PLEASE  
SEE RAYAH 009 OF 081340Z OPERATIONAL IMMEDIATE. CRYPTO INDICATORS  
68484 KNEERS 081330Z RECEIVED THIS STATION ROUTED TO RAYCCR RAYDCR  
AND RAYPCR. UNDERSTAND CENTRAL ARMY RECEORDS ALSO AN ADDRESSEE  
ALTHOUGH MESSAGE NOT ROUTED TO THEM WITH CONSEQUENT  
NON DELIVERY. PLEASE ADVISE

BT



1174

O 090030Z

FM ARMY CANBERRA  
TO AUSTCAN VIETNAM

BT

C O N F I D E N T I A L SIGS 16043. FOR MAJ BODGER FROM D SIGS.

CRYPTTO TRAFFIC. OPERATIONAL IMMEDIATE MESSAGE 48404 CTBTW 060800Z  
HELD UNCRACKABLE DESPITE OP IMMEDIATE SERVICE 015 070700Z AND  
EMERGENCY SERVICE 008 080230Z ALSO HOLD OP IMMEDIATE 22864 ACLBR  
P 071200. SERVICED UNDER OP IMMEDIATE SERVICE 013 080855Z  
ENSURE SERVICE MESSAGES HANDLED PRIOR TO OTHER MESSAGES OF SAME  
PRECEDENCE AND REENCRYPTIONS CONTAIN REFERENCE TO THE SVC NUMBER  
CONCERNED. NUMBERS OF CRYPTS RECEIVED DO NOT CONFORM TO ACP 127  
IS THAT ONLY FILING TIME SHOWN AND TIME OF ORIGIN NOT INCLUDED  
BT



~~7~~  
75

P 102200Z

FM ARMY CANBERRA  
TO AUSTCAN VIETNAM  
BT

C O N F I D E N T I A L SIGS 16156.

YOUR SIGS 067 OF 100525Z OUR SIGS 16043 OF 090030ZM  
FOLLOWING CRYPTS DO NOT F CONFORM WITH ACP 127. YOUR  
PARA 4 OF ABOVE SIGNAL REFERS.

RAYAH 012 071305Z 46684 TCMPR

RAYAH 048 080905Z 04404 AVRBO

RAYAH 020 100815Z 24204 ~~04404~~ *encel*

RAYAH 080 092230Z 82024 RITAH

RAYAH 007 092015Z 66644 MDQEY

RAYAH 001 091820Z 26484 CVTIQ

BT



0 132357Z

0 132357Z

FM COMCAN MELBOURNE

TUTO AUSTCAN VIETNAM

BT

SECRET SIG2029. FURTHER MY SIGS 2027 130525Z

CORRECTION PARA TWO CHANNEL ALLOCATION TO BE

A. ENGINEERING

B. NOT ALLOTTED AND NOT EMITTED

C. PROTECTED

D. UNPROTECTED.

EMIT CHANNEL B ONLY WHEN FREQUENCY DIVERSITY IN ~~SMK~~ USE

BT

76



15 JUL 65

77

PRIORITY 152300Z

FM 2 SIG REGT

TO AUSTCAN VIETNAM

INFO ARMY CANBERRA MILCOMMAND MELBOURNE

BT

CONFIDENTIAL SIGS 287 FOR MAJ BODGER AUSTCAN VIETNAM. FOR INFO D SIGS  
AND CSO S COMD. REF AHQ SIGS 16631 OF 150610Z. SUITABLE TIME BRACKET  
FOR TEST 21 - 23 JUL 65. REQUEST YOU ALLOCATE SPECIFIC FREQ AND  
TIMES FOR TEST

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OP IMMEDIATE 180600Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

COMCAN MELBOURNE

BT

R E S T R I C T E D SIGS125. REF YOUR SIGS13957 OF160430Z. KILO.

31 MAY- Y JUN NIL. 7 JUN IN NIL OUT 15. 8 JUN IN 2 OUT NIL. 9 JUN

IN 8. OUT13. 10 JUN IN 16 OUT 12. 11 JUN IN 5 OUT3. 12 JUN IN 14

OUT2. 13 JUN IN 13 OUT 1. 14 JUN IN 2 OUT 4. 15 JUN IN 3 OUT9. 16 JUN

IN 5 OUT 7. 17 JUN IN 13 OUT 8

BT



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79

LINE COMMUNICATIONS SAIGON BIEN HOA

REF TELECON MAJ BODGER CAPT PUGH 23 JUL 65

1. AT PRESENT ONE LINE/AN/TRC 24 CIRCUIT HAS BEEN ALLOCATED TO HQ AAFV TO PROVIDE A HOT LINE BETWEEN COMMANDER AAFV AND 1 RAR AT BIEN HOA.
2. OVER A PERIOD OF SIX WEEKS THE CIRCUIT HAS PROVED UNRELIABLE. IT WOULD BE APPRECIATED IF THIS CONDITION COULD BE INVESTIGATED AND THE CIRCUIT BROUGHT UP TO THE STANDARD OF OTHER EXISTING TRC24 CIRCUITS INTO BIEN HOA.
3. A SECOND CIRCUIT HAS BEEN REQUESTED FOR THE PROVISION OF A SPEECH PLUS CIRCUIT TO ALLOW FOR NORMAL ADMIN TRAFFIC BETWEEN HQ AAFV 1 RAR AND ELEMENTS OF 1 ALSC BASED IN BIEN HOA.



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go

P M 280525Z

FM ARMY CANBERRA

TO AUSTCAN VIETNAM

6 SIG REGT

INFO MILCOMMAND MELBOURNE

2 SIG REGT

BT

C O N F I D E N T I A L

SIGS 17782 MILCOMMAND MELBOURNE FOR CSO. MELBOURNE- SAIGON

CW CIRCUIT. 6 SIG REGT SIGS 1379 OF 270500Z (NOT TO VIETNAM)

REVRS. AGREE TO REVERSION OF MELBOURNE-SAIGON CW CIRCUIT TO <sup>AN</sup>STANDBY

BASIS. PRIMARY MEANS WILL NOW BE RTT USING HP MOBOLE

TERMINAL AND STANDBY CW LINK USING AN/TRC75 WILL ONLY

BE USED WHEN EQUIPMENT FAILURES RULE OUT RTT EITHER IN THE SSB OR

CFS MODE. TWO HOURS NOTICE TO ACTIVATE CW CIRCUIT ACCEPTABLE AND

AGREE STAFFING PROPOSALS TO ROCKBANK. WILL REVIEW SITUATION LATER

WHEN FURTHER EXPERIENCE GAINED

BT



N  
87

R 300830Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

BT

R E S T R I C T E D SIGS 112. FOR RYAN FROM BODGER. YOUR SIGS  
18114 OF 300633Z. ALFA. DISCREPANCIES TFC STATES DUE PRACTICE  
HERE OF COMPILATION FROM MSGE REGISTERS CMM HENCE SVC AND LIST  
TEST MSGES NOT INCL. THIS WILL BE RECTIFIED WEF 31 JUL 65. BRAVO. WILL  
INCL DETAILS REQUIRED YOUR PARA TWO. CHARLIE. UNAWARE OF EXACT  
BRIEF WO IRVINE BUT UNDERSTAND HIS FUNCTION TO TRAIN PERS  
AND ASSIST TP COMD. SUGGEST THAT ~~BY~~ BOTH IN INTEREST OF SIGS ADM  
AND NORMAL DISCIPLINE FUTURE D SIGS REQUIREMENTS AFFECTING  
PROCEDURES BE ADDRESSED AUSTCAN VIETNAM AND NOT FOR WO IRVINE. CONSIDER  
709 SIG TP FUNCTIONAL AND CAPABLE HANDLING ROUTINE MATTERS THIS  
NATURE. REGARDS

BT



U  
r2

P 300440Z

FM AUSTCAN VIETNAM

TO ARMY CANBERRA

BT

C O N F I D E N T I A L SIGS 111. PLEASE ADVISE ADDRESS GROUPS FOR  
1 RAR. ALSC 709 SIG TP

BT



11  
87  
L

R 300530Z

FM ARMY CANBERRA

TO AUSTCAN VIETNAM

BT

R E S T R I C T E D SIGS 18114 FOR WO IRVINE FROM RYAN. TRAFFIC  
INFO. ONE. CONSIDERABLE DISCREPANCIES BETWEEN TRAFFIC  
FIGURES FROM VIETNAM AND MELBOURNE. FOR EXAMPLE ON 27 JUL  
MELBOURNE 80 TO VIETNAM AND 51 EX VIETNAM. YOUR COMSTAT SHOWS  
36 IN AND 27 OUT. THIS DIFFERENCE OCCURS DAILY. CAN UNDERSTAND  
YOUR FIGURES BEING HIGHER THAN MELBOURNES IF TRAFFIC VIA OTHER MEANS  
AND TO BEIN HOA INCLUDED BUT CERTAINLY NOT LESS.

TWO. FROM AUG 65 INCLUDE SUPPLEMENT TO RETURN REQUIRED VIDE AUSTCAN  
INSTR 8 TO SHOW IN AND OUT MESSAGES HANDLED FOR ARMY CMM NZ CMM  
RAAF CMM RAN CMM EMBASSY CMM EFM TELGRAMS CMM PRESS AND ETC.

THESE FIGURED TO BE AVERAGE OF THREE DAY EXAMPLE COUNT ALSO AND SHOULD  
COVER SAME THREE DAYS AS OTHER FIGURES

BT



✓  
54

R 300800Z

FM COMCAN MELBOURNE

TO AUSTCAN SAIGON

BT

RESTRICTED SIGS2009. TWO POWER CHANGES ARE TO TAKE PLACE AT OUR RECEIVE STATIONS. THEY ARE PROGRAMMED FOR 302100Z JUNE AND 010730Z JULY.

DURATION OF EACH CHANGE IS EXPECTED TO BE OF

FIFTEEN MINUTES DURATION DURING WHICH ALL POWER WILL

BE CUT OFF. RELAY STATION AND TRANSMIT STATION WILL BE

UNAFFECTED . ALL CIRCUITS ' WILL BE (MESSAGE RECEIVED GARBLED

FOR SIX LETTER UNABLE TO OPEN) CONTROL DURING CHANGE .

ALL INFO

BT



08

709 SIG TP

2 TRAN HUONG QUAN

CHOLON

9 AUG 65.

35/1/1(1)

DIRECTORATE OF SIGNALS

MONTHLY REPORT-709 SIG TP

1. MAJOR EQUIPMENT PROBLEMS

(A) E515

AT PRESENT ALL EQUIPMENT IS BEHAVING SATISFACTORILY WITH THE EXCEPTION OF THE HIGH RF LEVEL INTERNAL TO THE VEHICLE. THE FAULTS LOCATED AND REMEDIED IN THE PAST SIX WEEKS ARE:-

(I) OPEN CIRCUIT 110 V BIAS TRANSFORMER

(II) FAULTY MINOR HT TRANSFORMER

(III) FAULT IN GATE SWITCH WIRING IN PA CABINET

(IV) FAULT IN WIRING OF BIAS (110V) TRANSFORMER. THIS CAUSED LOW BIAS VOLTAGE ON FINAL STAGE WITH CONSEQUENT OVERHEATING AND TUBE FAILURE. (CV2245)

(V) BLOWER MOTOR IN THE PA CABINET ARMATURE SHORT TO EARTH WITH CONSEQUENT OVERLOAD OF POWER DISTRIBUTION TERMINAL STRIP IN POWER SUPPLY CABINET AND POWER CONTACTOR RL8. CONTACTOR AND TERMINAL STRIP REPLACED (20 HRS). REPLACEMENT MOTOR ISSUED HAD DRIVE SHAFT APPROXIMATELY ONE INCH TOO LONG. THIS DELAYED THE REACTIVATION OF TRANSMITTER BY APPROX THREE HOURS.

(VI) MANY OF THE PROBLEMS AT THE TRANSMITTER ARE RELATED TO THE CONSISTENT HIGH AMBIENT TEMPERATURE WITHIN THE VEHICLE. THE EXISTING AIR CONDITIONING UNIT DOES NOT HAVE THE CAPACITY TO COPE WITH THE LOCAL CLIMATE AND THE HEAT GENERATED BY THE TRANSMITTER. SOME ATTEMPTS TO ALLEVIATE THE SITUATION HAVE BEEN MADE:-



0 88

(A) REPAIR OF THE AIR CONDITIONER BY US SOURCES TO PROVIDE MAXIMUM EFFICIENCY.

(B) PROVISION OF A FALSE CANVAS ROOF FOR THE VEHICLE. THIS HAD THE EFFECT OF DROPPING THE INTERNAL AMBIENT TEMPERATURE APPROXIMATELY 10 DEGS "F"

(C) ON THE RETURN OF THE SECOND AIR CONDITIONER FROM WORKSHOPS IT WILL BE LOCATED AT THE TRANSMITTER SITE RATHER THAN THE SIG CEN VEHICLE.

(VII) MT<sub>2</sub> COUPLING CAPACITOR FAILURE CAUSING DAMAGE TO HT CIRCUITRY AND TO THE 3.1 MC INPUT CIRCUIT OF THE ISB MONITOR EQUIPMENT. THIS IS NOW REPAIRED.

(B) KL7

(I) THIS EQUIPMENT IS NOW IN OPERATION AT BIEN HOA IN CONJUNCTION WITH AN AN/TRC 75 DETACHMENT.

(II) DURING THE FIRST FIVE WEEKS OF OPERATIONS IN THIS THEATRE THE AVERAGE MACHINE FAILURE RATE WAS 2 MACHINES PER DAY. THE PEAK FAILURE RATE BEING ALL FIVE MACHINES IN ONE DAY. THIS PROBLEM HAS BEEN ALLEVIATED BY THE INTRODUCTION OF OLC EQUIPMENT AND THE SINGLET EQUIPMENT.

(C) OLC EQUIPMENT

THIS EQUIPMENT ~~IS NOW IN~~ PROVIDES NO PROBLEMS. FULL MAINTENANCE FACILITIES ARE AVAILABLE AT SHORT NOTICE.

(D) 186D

(I) EQUIPMENT IS OPERATING SATISFACTORILY AT THE TIME OF WRITING, HOWEVER THERE APPEARS TO BE AN INTERMITTENT FAULT EITHER IN THE VMG SEND EQUIPMENT OR THE VMA RECEIVER EQUIPMENT. THIS FAULT HAS NOT BEEN LOCATED.

(II) TWO FAULTY CONCLAVE UNITS HAVE BEEN REPLACED AND REPAIRED.

(III) ONE OF THE SPARE CONCLAVE UNITS ON INTRODUCTION TO THE CET PROVED FAULTY. ALL REMAINING UNITS HAVE BEEN CHECKED AND FUNCTION ~~WEL~~ CORRECTLY.

(E) AN/TRC 75

AT PRESENT ONE AN/TRC 75 IS UNSERVICEABLE. THIS EQUIPMENT CAN BE REPAIRED WITHIN TROOP RESOURCES ONCE SPARES BECOME AVAILABLE. THE PROBLEMS ENCOUNTERED WITH AN/TRC 75 SINCE ARRIVAL IN THEATRE ARE:-

(I) FAULTY POWER DISTRIBUTION BOARDS. TWO. EACH HAD A SHORT TO EARTH ON THE ACTIVE. IN EACH CASE THE BOARD WAS REWIRED BY THE TROOP AND WORKS SATISFACTORILY.



(II) RECEIVER FAULTS. IN GENERAL THESE FAULTS WERE TRACED TO DRY JOINTS  
THIN THE MODULES.

(III) TRANSMITTER FAULTS IN GENERAL LAY IN THE ANTENNA TUNING AND COUPL-  
ING UNITS. IN EACH CASE THE FAULT WAS CAUSED BY RF FEEDBACK FROM THE  
ANTENNA. ALL DAMAGED COMPONENTS REPLACED FROM USAF SOURCES.

(F) POWER SOURCE HIGH POWER TERMINAL

(I) THREE MACHINES WORKING SATISFACTORILY ONLY MINOR FAULTS HAVE DEVEL-  
OPED. THESE FAULTS ARE NOW BEING REMEDIED AS SPARES BECOME AVAILABLE.

(II) ONE 27.5 KVA GENERATOR HAS DEVELOPED A SEVERE OIL LEAK AT THE  
DRIVE SHAFT TO THE ALTERNATOR. THIS EQUIPMENT IS NOW UNDER REPAIR AT  
4TH ECHELON MAINTENANCE US.

(III) POWER FROM US RESOURCES IS NOT AVAILABLE AT TRANSMITTER SITE.  
THE AIR FORCE RECEIVERS ARE THEMSELVES ARE HAVING DIFFICULTY REGARDING  
PROVISION OF ADEQUATE AND RELIABLE POWER.

(IV) POWER FOR RECEIVER SITE IS NOT AS YET APPROVED BY STRATCOM. EXPECT  
THIS TO OCCUR BY MID AUG 65.

(G) POWER SOURCE AN/TRC 75

AT PRESENT ONLY TWO OF SIX BUCKNELL GENERATORS ARE SERVICEABLE, BOTH  
BEING LOCATED AT BIEN HOA. POWER SOURCE AT SAIGON IS USAF TYPE TURBO  
GENERATOR EMU 12. THIS EQUIPMENT IS EXTREMELY RELIABLE BUT HAS A HIGH  
FUEL COMSUMPTION (7 GAL PER HOUR). FAULTS IN BUCKNELL GENERATORS ARE:-

(I) SUMP OIL SEAL FAILS UNDER CLIMATIC CONDITIONS IN THEATRE. RAEME  
HAVE NOW PROVIDED A MATERIAL WHICH TO DATE (4 WEEKS) HAS NOT FAILED.

(II) BIG END BEARING FAILURE IN ONE MACHINE.

(III) FAULTS IN ELECTRICAL OUTPUT CONTROL SYSTEM. IN GENERAL CAUSED BY  
FAILURE OF THE HIGH WATTAGE POWER TRANSISTOR. ALL CIRCULATING DETAILS  
NOW LOCATED WITH RAEME DETACHMENT AT BIEN HOA.

(IV) OIL PRESSURE FAILURE IN GENERATORS DUE TO HIGH AMBIENT TEMPERATURES  
AND AUTOMATIC CUT-OUT MALFUNCTION ON THREE MACHINES.

(V) UNTIL MODIFICATION BY RAEME NO SINGLE MACHINE PROVIDED MORE THAN 34  
HOURS TROUBLE FREE RUNNING.

(H) TELEGRAPH EQUIPMENT

TELEGRAPH EQUIPMENT FAILURE HAS CEASED TO BE A PROBLEM. AT ONE TIME  
EARLY IN JULY TEN MACHINES WERE RETURNED TO OUR WORKSHOPS FOR REPAIR  
IN ONE TWENTY FOUR HOUR PERIOD. THIS HIGH RATE OF FAILURE IS DUE MAINLY  
TO THE RELATIVE INEXPERIENCE OF TG MECHS ON ESTABLISHMENT.



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88  
(J) TDMS

1. TDMS 2 A EQUIPMENT IS NOW OPERABLE WITH THE EXCEPTION OF THE MESSAGE TRANSMITTER. THE TDMS 5A AND 6A ARE STILL REQUIRED TO ALLOW CHECKING OF OVERHAULED MACHINES AT WORKSHOPS.

## 2. MAN POWER PROBLEMS

(A) TROOP EFFICIENCY IS GREATLY IMPAIRED BY THE INEXPERIENCE OF PERSONNEL IN THEIR TRADES AND ALSO WITH EQUIPMENT ON ESTABLISHMENT. THIS IS TRUE OF BOTH TECHNICIANS AND OPERATORS.

(B) TECHNICAL CAPACITY OF THE TROOP IS LIMITED BOTH IN EQUIPMENT AND PERSONNEL. ON ESTABLISHMENT THE TROOP HOLDS THREE TG MECHS, IN PRACTICE THERE ARE SIX WITHIN TROOP, THREE POSTED AS TECH ELECS. THIS ONE FACTOR MAKES THE CREATION OF A POOL OF SUITABLE TECHNICIANS FOR A TECH MAINT SECTION VIRTUALLY IMPOSSIBLE AS ALL THE TECH ELECS AVAILABLE ARE REQUIRED ON SHIFT AS SCOS OR AT THE TRANSMITTER AND RECEIVER SITES. AT THE MOMENT ONLY ONE SHIFT AT THE RECEIVER HAS A TECHNICIAN WHICH IN ITSELF MAKES THE REGULAR MAINTENANCE OF RECEIVERS ON SITE DIFFICULT.

TO PROVIDE ONE TECH ELEC FREE FROM SHIFT WORK THE TECH FROM BIEN HOA DETACHMENT HAS BEEN WITHDRAWN.

(C) THE BEHAVIOUR OF THREE MEMBERS OF THE TROOP HAS CAUSED CONSIDERABLE EMBARRASSMENT TO THE TROOP AND AT THE SAME TIME CAUSED CONSIDERABLE ADMINISTRATIVE PROBLEMS. THE MEMBERS INVOLVED ARE:-

(I) SIG R.H. LEFROY

(II) SIG R.G. REAY

(III) SIG B.J. OATWAY

REPLACEMENT OF THESE MEMBERS WOULD HAVE A DEFINITE BEARING ON THE EFFICIENCY AND MORALE OF THE TROOP. AT PRESENT BOTH SIGS LEFROY AND REAY ARE UNDER CONSIDERATION FOR RTA ON COMPASSIONATE GROUNDS, AND SIG OATWAY TO BE RTA AS BEING UTTERLY INCOMPETENT IN HIS TRADE.

(D) IT IS FELT THAT THE ADDITION OF SOME TRADESMAN (LISTED BELOW) WOULD ADD TO BOTH THE CAPACITY AND EFFICIENCY OF THE TROOP.

(I) TECH SIG - CPL

(II) TECH SIG - SIG

(III) VEH MECH - CFN

AT PRESENT THE WHOLE STAFFING PROBLEM FOR BOTH INTERIM AND FINAL STAGE OF INSTALLATION IS UNDER DISCUSSION WITH HQ AAFV.



3. FACILITIES ADDED TO SYSTEM

THE COMMS SYSTEM HAS EXPANDED FROM SIMPLE CW ON 2 JUN 65 TO A CAPABILITY FOR TWO CHANNEL SSB WITH OLC COVER .

(B) A SECOND CIRCUIT IS OPERATING C W TO BIEN HOA WITH OFF LINE CRYPTO COVER.

(C) SIG DIAGRAM ATTACHED AS ANNEX "A"

(D) ALL FACILITIES EXISTING OR FUTURE PLANS ARE COVERED IN REPORT SUBMITTED TO D SIGS VIA MAJ BODGER.

4. OTHER MATTERS

(A) THE PROBLEM OF LOCATING A PERMANENT TRANSMITTER SITE IS STILL UNSOLVED. THE PRESENT SITUATION IS TAST ON ADVISE FROM VNAF WE HAVE A PERIOD OF SIX MONTHS TO FIND ANOTHER SITE. THE PRESENT SITE HOWEVER IS UNSATISFACTORY FROM A SECURITY POINT OF VIEW AND BOTH HQ AAFV AND COMUSMACV (J6) HAVE BEEN REQUESTED TO INITIATE ACTION IN OBTAINING A MORE SUITABLE SITE.

(B) ONCE THE NEW HQ AAFV INSTALLATIONS ARE COMPLETED A SEVERE LIMIT WILL BE PLACED ON THIS TROOP AS FAR AS STORAGE FOR SPARES AND STATIONERY REQUIREMENTS ARE CONCERNED. AT THE MOMENT THE ONLY STORAGE SPACE AVAILABLE IS LOCATED DIRECTLY BELOW THE AN/TRC 75 INSTALLATION (SEE DIAGRAM ON PREVIOUS REPORT) AND IN GARAGE AREA. THE GARAGE AREA AT THE MOMENT HOLDS ALL THE MAINTENANCE SCALINGS FOR EXISTING EQUIPMENT, HOWEVER THIS SPACE IS INTENDED FOR A GENERATOR ROOM AND WILL NOT BE AVAILABLE.

(C) NEW SPIRAL FOUR KEYING LINES HAVE NOW BEEN LAID TO BOTH TRANSMITTER AND RECEIVERS. THIS SHOULD IMPROVE THE QUALITY OF THE TRANSMITTERS SIGNAL TO A MARKED DEGREE. THE ORIGINAL LINES MADE AVAILABLE BY US FORCES HAVE BEEN RETAINED AS A STANDBY FACILITY.

(D) THE SECOND INCLUSIVE LINE TO BIEN HOA HAS BEEN APPROVED IN PRINCIPLE HOWEVER IT WILL NOT BE AVAILABLE FOR SOME WEEKS. THE CIRCUIT ALLOCATION DEPENDS ON THE COMPLETION OF A FURTHER AN/TRC 24 LINK TO BIEN HOA. THIS LINE WILL BE CONNECTED FROM KANGAROO HQ AAFV SWITCH TO PLATYPUS 1 HAR SWITCH WITH INTERCONNECTION TO 1 ALSO PROVIDE SWITCH.

(E) SECURITY AT THE TRANSMITTER SITE IS NOW REASONABLE. HQ AAFV HAS PROVIDED A GUARD OF THREE INFANTRYMEN TO ALLOW PROTECTION OF EQUIPMENT AND SITE. DEFENSIVE WORKS THOUGH ARE NOT COMPLETELY SATISFACTORY ALTHOUGH THEY DO PROVIDE SOME SAFETY FOR PERSONNEL IN THE AREA.

(F) SECURITY OF THE RECEIVER SITE. THIS IS REASONABLE THOUGH THE VEHICLE AND STARCOM ARE WITHIN THE GRENADE RANGE OF THE PERIMETER. US PERSONNEL ON THE SITE DO NOT MOUNT A GUARD AND RELY HEAVILY ON THE ARVN OUTER PERIMETER GUARD TO PROVIDE AN EARLY WARNING OF ANY IMPEDING ACTION.



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90  
(G) THE HQ AAFV - AUST EMBASSY WAS SUBJECT OF DISCUSSION BETWEEN MR FERNANDEZ (EMBASSY), MAJ BODGER AND OC 709 SIG TP ON 7 AUG 65. NO FIRM DECISION WAS REACHED AS THIS MATTER STILL RESTS WITH THE DEPT OF THE INTERIOR IN CANBERRA. IT WAS SUGGESTED HOWEVER THAT A LINE FROM HQ AAFV TO THE EMBASSY BE PROVIDED IN ADVANCE OF AUTHORISATION. THIS LINE TO BE A MATTER OF CONVENIENCE AS SOME TRAFFIC (INCOMING) TO AUST EMBASSY TERMINATES AT THIS SIG CEN.

(H) A FINAL ANSWER TO THE SUPPLY OF 110V AC FROM STRATCOM RECEIVER FOR OUR RECEIVER HAS NOT YET BEEN RECEIVED. COMUSMACV(J6) ADVISE THAT A SUITABLE SOLUTION WILL BE AVAILABLE BY 15 AUG 65.

5.

**TECHNICAL DRAWINGS**

BLOCK SCHEMATICS, OFFICE LAYOUTS AND AREA LAYOUTS FORWARDED BY SAFE HAND WITH MAJ BODGER.

CAPT

OC 709 SIG TROOP



MONTHLY TRAFFIC STATISTICS

AUSTCAN TRIBUTARY STATIONS

91

(A) STATION VMG	(B) Month ENDING 31 JUL 65
(C) Scheduled Hrs of Operation CONTINUOUS	(D) Average Daily Operator Strength 9

Outgoing Traffic (Daily Average)

(E) Number of Messages Lodged	(F) Precedence	Z	Y	O	P	R	M
42		1	12	2	15	12	-

Terminating Traffic (Daily Average)

(G) Number of Messages Received	(H) Precedence	Z	Y	O	P	R	M
66		-	10	7	23	23	3

Peak Traffic

Outgoing Traffic		Terminating Traffic	
(J) Date 16 JUL	(K) Number of Messages 65	(L) Date 16 JUL	(M) Number of Messages 91

Re-Runs

Number Requested From Tributary	Number Requested By Tributary
(H) 2	(O) 5

.....OC/NCO IC

2 - 2  
RESTRICTED

Original  
(Reverse Blank)



CONFIDENTIAL

92

Base Comms Sig T  
Troop  
SAIGON

HQ AAFV (for Financial Adviser)

MONTHLY STRENGTH RETURN

MONTH OF JULY

Reference HQ AAFV A0470 of 030315Z Aug 65.

1.	(a) Average Strength	Officers - 2	ORs 43.5
	(b) Attached	Officers - Nil	ORs Nil
	(c) Detached	Officers - Nil	ORs 6

2. Hospital

214306 Sig N. DIPPEL - 3rd Fd Hospital SAIGON  
1 Jul to 6 Jul 65 (incl)  
214697 Lcpl R. BUTTON - USAF Dispensary TAN SON NHUT  
16 Jul to 19 Jul 65 (incl)

3. Medevac

(a) Date of Movement  
(b) Place to which evacuated

4.	<u>RTA</u>	Officers Nil	ORs Nil
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Reasons

R.L.C. TWISS Capt  
OC Base Comms Sig Tp

CONFIDENTIAL