

ANX 0 ENCLOSURE 2.  
TO 104 SIG SQN  
COMMANDERS DIARY  
JUL 67.

AUSTRALIAN MILITARY FORCES

R723/1/2

HQ 104 Sig Sqn  
NUI DAT,  
8 Jul 67

See Distribution List

COMSEC MONITORING REPORT

Attached is the Comsec Monitoring Report for the period 15 - 30 Jun 67. This report shows a significant improvement in the communication security of 1 ATF.

*Lawrence*  
(G. J. LAWRENCE)  
Major  
Officer Commanding

Distribution

HQ 1 ATF (4)  
2 RAR  
7 RAR  
161 (Indep) Recce Flt  
67 GL Section (2)  
SO Sigs AFV  
File

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AUSTRALIAN MILITARY FORCES

Comsec Det  
532 Sig Tp  
NUI DAT  
3 Jul 67

OC 104 Sig Sqn

COMSEC MONITORING REPORT 15 - 30 JUN 67

1. The following nets were monitored :
  - a. 1 ATF Comd Net - 15 - 20 Jun
  - b. 1 ATF Comd Net - 23 - 28 Jun
  - c. 7 RAR Air Net - 23 - 30 Jun
  - d. 2 RAR Comd Net - 15 - 20 Jun (Op GERALDTON)
  - e. Kangaroo Control - 23 - 28 Jun

2. Security on all nets was good. No significant information was revealed and considering the large volume of traffic recorded it would appear that users are exercising considerable caution during conversation.

1 ATF Comd Net

3. No useful information of significance to enemy intercept was recorded. Authentication was used when required. Considering the large number of transmissions made, the security on this net was commendable. Minor breaches are shown in Annex 'A'.

7 RAR Air Net

4. Satisfactory. Security and procedure generally good. The few minor deviations recorded are shown in Annex 'B'.

2 RAR Comd Net

5. Monitored during Operation GERALDTON. Due to extreme range and limitations of equipment available for monitoring, it was not possible to hear many sub-stations on this net. No useful information was detected. From transmissions recorded, this net appears to maintain a satisfactory standard.

Kangaroo Control

6. Since speed is paramount on this net and it is essential to transmit locations etc in clear, it would be unrealistic to consider these transmissions as insecure. The one feature worthy of comment is the approximate locations of all artillery fire positions are readily revealed but since this information is confined to a general area within a grid square, it is doubtful that it could be of much value to the enemy. To encode this information would not be acceptable and would tend to create confusion for the pilots.

*A.G. Poulton*  
A.G. POULTON  
OC Comsec Det



1 ATF COMMAND NET

Date/Time (JUN)	Calls		TRANSMISSION	COMMENTS
	TO	FM		
071128	17	20	Reference fire from the sea. Callsign is PERKY BEAR ECHO. Frequency is <u>AGGZL</u> our codes.	
071134	20	17	Ref PERKY BEAR ECHO. I've worked it out to be in the <u>HF Range</u> - - - -	Possibility of compromise if RU frequency was known
	17	20	That's not correct. If you take <u>RU frequency</u> and <u>subtract 8.10</u> you should get him	
171450	9	20	- - - - You can use your <u>big tubes</u> on them	
171452	9	20	- - - - Ref <u>big tubes</u> . I son't mean the <u>big guns</u> - - - - the <u>middle sized ones</u>	Jargon. Not necessary
111957	20	17	Roger. We will be <u>coming back through that area</u>	Future intentions
191203	20	17	Bandit 33 reports sighting one person swimming underwater near peninsula where our troops are soing sweep.	Reveals location of own troops.
191810	-	-	Eagle switch sir Eagle switch sir	Not a deliberate transmissi but illustrates hazards of crossed remote lines
241609			Callsign 3 alone is at <u>XIUPEPG</u> . <u>His callsigns are concentrating on him</u> from there now	Relates high grade and low grade codes
241613			Locstats <u>C/S 31 Giraffe right 1.1 up 0.4</u> etc	31 is sub-unit of C/S 3

Annex 'B' to  
Comsec Report  
dated 3 Jul 67

7 RAR AIR NET

Date/Time (JUN)	Calls		TRANSMISSION	COMMENTS
	TO	FM		
230948	OA	9A	Callsign 8 will not be able to move for the 60 to 90 minutes	Intentions
230953	OA	98D	On the way back to <u>D Coy</u> from the rifle range	Should use callsign
231031	96	OA	- - - do not think that's correct callsign <u>Sir</u>	Indicates senior station
241140	92	OA	Possum warming up now. Will be leaving for <u>TF</u> then PORKY SEVEN	TF should be encoded
241507	OA	20B	Now at <u>water point</u> and <u>starting out on patrol</u>	Operations