

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

**Signals units**

**Item number: 6/3/21**

**Item: 110 Signal Squadron**

**Narrative**

**Annexes**

**[1-31 Jan 1969]**



COVERING LETTER

Reference No.....

To: OIC, Military History Section, AHQ.

1. I enclose Commanders Diary (AF C 2118) (Adapted) as indicated at Part 2.

2. Please return receipt below.

(Signature)..... Major

Appointment OC 110 Sig Sqn  
(OC Unit or senior staff officer)

**SECRET**

ORIGINAL  
~~DUPLICATE~~

Strike out where  
not applicable

**COMMANDERS DIARY**

OF

Unit or Formation 110 Sig Sqn

From 1 Jan 69

To 31 Jan 69

INDEX

Narrative (AF C 2118)

ANNEXES

- \* A Duty officer's log
- \* B Messages connected with log
- C Operation orders and instructions issued
- D Operation orders and instructions received
- \* E Sitreps issued
- F Orders of battle and location reports issued
- G Intelligence reports and summaries issued; appreciations made
- H Administrative orders and instructions issued
- I Administrative orders and instructions received
- J Administrative reports and bulletins; ammunition returns; field strength returns
- \* K Standing orders issued
- L Commander's policy and demi-official letters
- M Action reports (if required)
- N Other papers, eg, maps and diagrams, air photos, reports from sub units
- O Periodical summaries of operations
- Z Top Secret Supplementary Diary

Enclosure Numbers

- VIA to .....
- VIA to .....
- VIA to .....
- VIA to .....
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- VIA to .....
- VIA to .....
- VIA to .....
- VIA to .....
- VIA to .....

† NIL  
† RETAINED  
† Despatched to

on.....

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

[Handwritten notes and stamps on the left side of the page, including a date stamp '24 MAR 1968' and other illegible markings.]

TABLE 3



# COMMANDERS DIARIES INSTRUCTIONS

## AIM

1. The aim of a Commanders Diary is to provide data on which to base future improvements in Army training, equipment, organization and administration, and to furnish historians with a record of the activities of units and formations in operational and non-operational periods in peace and in war.

## GENERAL

2. Entries are to be made daily on AF C 2118 (Adapted) each entry being initialled by the officer detailed to keep it.

3. Commanders Diaries will conform with the rules for drafting orders given in "Staff Duties (Australia)", Chapter 2, Section 12.

## RESPONSIBILITY

### During Non-operational Periods

4. A Commanders Diary is to be compiled by commanders of all formations.

### During Operational Periods (1)

5. A Commanders Diary is to be compiled in duplicate by:

- a. Commanders of all formations.
- b. Each branch of the staff at formation headquarters commanded by a brigadier or above.
- c. Heads of services not below the rank of lieutenant colonel.
- d. Personal staffs and officers holding special appointments.
- e. Unit commanders.
- f. Commanders of a detachment of a unit when so ordered.

## COMPILATION

6. Both original and duplicate copies are to consist of:

- a. Cover (AF C 2119) (Adapted).
- b. Index as printed on cover.
- c. Narrative (AF C 2118) (Adapted).
- d. Annexes as shown in the Index.

7. All details of the unit or formation (if a detachment is concerned, the name of the parent unit), period covered and enclosure numbers of the annexes are to be shown on the cover. If there has been a change of command since the last report, the date of assumption by the new commanding officer is to be included.

8. The annexes are to be assembled in the groups shown on the cover. If there are no enclosures for an annex NIL will be entered on the cover. If additional annexes are convenient for a particular headquarters starting at B.

for operations form Annex "Z", "TOP SECRET the document. It is to be prepared and disposed of as

## TENTS

es as well as map references), establishment, equipment

d orders given.

he day's fighting, including company movements.

remainder with regard to equipment, tactics, organization

tential importance.

) officers, men and equipment.

ment captured.

employed in the time not accounted for. The type of

and to save work as much information as possible is to  
ments issued and received, routine returns, etc. All  
and the time of receipt or despatch is to be given.

he annexes, but need not give a precis of any of them.

(continued on back cover)

AWM 95

[6/3/Jan 69]

COMMANDERS DIARIES

SECRET

VE C 3118 (Adapted)

C 2118

COVERING LETTER

C 2118



DISPOSAL

13. **Original Commander's Diary.** This is to be forwarded monthly, unless otherwise ordered, by the seventh day of the succeeding month direct to AHQ.

14. **Duplicate Commander's Diary.** This must be clearly marked as a duplicate. It is to be sent separately from the original to AHQ one month after the original has been despatched but not before the former has been acknowledged.

15. When overseas, both copies of diaries are to be sent through the Army Records organization in the overseas theatre but at different times.

16. **TOP SECRET Supplementary Diaries.**

a. The documents referred to in Paragraph 9 together with a list of them made out on AF C 2118 (Adapted) must be placed in separate cover (AF C 2119) (Adapted). All details must be filled in and the cover clearly marked in red: "ANNEX Z — OFFICER ONLY". It may be convenient to group the papers by appendices.

b. Supplementary diaries must be forwarded under the normal rules for TOP SECRET correspondence, to AHQ. The inner envelope must be plainly marked:

TOP SECRET  
ANNEX Z to

Commanders Diary of.....(Formation or Unit)

From.....to..... (Dates)

c. The duplicate supplementary diaries must be despatched as shown in Paragraph 14 as soon as receipt of the original has been acknowledged.

AWM 95  
[6/3/Jan 69]



This form is to be enclosed with the annexes in AF-C 2119 (Adapted).

# COMMANDERS DIARY NARRATIVE

AF - C 2118 (Adapted)  
Revised Jun, 1965

MONTH AND YEAR January 1969

REFERENCE MAP .....

UNIT/FORMATION 110 Sig Sqn

COMMANDING OFFICER Maj P.L. Perman

Place and grid reference	Date	Time	Event or information	Annex letter and enclosure number
SAIGON	2 Jan 69	1600	Line laid from AUSTEMBA ot NGUYEN MUR for additional extension on Embassy exchange for Mr D. Prouse.	
VUNG TAU	14 Jan 69	-	Outbreak of Bacillary Dysentery - 12 personnel hospitalized.	Monthly Report para 22.
SAIGON /LONG BINH/	14 Jan 69	1700	Installation of Siemens FM 12/400 equipment vide Sig 00 02 of 4 Dec 68 completed.	Monthly Report para 2
VUNG TAU				
SAIGON	18 Jan 69	0800	Capt R.O. Cook assumed command of SAIGON Detachment vice Capt B.R. Willis.	
VUNG TAU	20 Jan 69	0800	Capt B.R. Willis assumed appointment of second-in-command vice Capt D.J. Slade who returned home at completion of tour.	
SAIGON	24 Jan 69	2000	Change of trunk circuits from DEER exchange to TIGER effected	Monthly Report para 3
VUNG TAU	24 Jan 69	0730	Work commenced on phase 2 of sound system at 1 Aust Fd Hosp.	" " " 16c
VUNG TAU	24 Jan 69	0730	Work commenced on 1 ALSG Intercommunication system.	" " " 16d
VUNG TAU	28 Jan 69	0800	Capt L. Foote assumed appointment of OM vice Capt I.R. Willoughby who returned home at completion of tour.	



MOVEMENT IN UNIT FOR WEEK ENDING 0800 HRS WED...3. Jan. 69.....

MARCH IN

Army No	Rank	Name	Posting Order No
44355	Sig	M.J. O'Connor	SVN II35/68
I733859	"	H.C. Robenson	" II35/68
54981	Lt	D.K. Kent	AMJ 68/K/339
35498	WO2	E.R. Wiggins	SVN II32/68
213030	Sgt	G. Ots	" 758/68

Total March In...22...

MARCH OUT

Army No	Rank	Name	Posting Order No

Total March Out.....



RESTRICTED

ANNEX D TO  
AFV (ARMY COMPONENT)  
ADMIN INSTR NO 3  
AMDT NO 3 DATED 22 JUN 68

AUSTRALIAN MILITARY FORCES

Unit 110 Sig Sqn.....

WEEKLY STRENGTH RETURN (SPECIAL) REVISED JUNE 68 AS AT 0800 HRS WED. 8 JAN 69

(To reach HQ AFV (Records Det) by 1000 hrs Thurs of each week - AFV (ARMY Component) Admin Instr No 3 refers.)

<u>STRENGTH</u>			<u>ARA/NS</u>		<u>BREAKUP</u>	
	<u>ESTB</u>	<u>POSTED STR</u>		<u>ARA</u>	<u>NS</u>	
Offrs	9	9	Offrs	8	1	
WGs	10	10	ORs	147	113	
ORs	233	252	Total	155	114	
Total	252	269				

LOCATION OF POSTED STRENGTH

	<u>With unit and physically located in</u>			<u>Not physically with unit</u>					<u>Total</u>
	<u>Saigon</u>	<u>1 ATF</u>	<u>1 ALSG</u>	<u>Leave</u>	<u>Hosp</u>	<u>AWOL</u>	<u>Detn</u>	<u>Aust</u>	
Offrs	2		7						
WGs	2	1	5						
ORs	96	27	123	5			1		6
Total	100	28	135						

AHQ ATTACHMENTS

<u>No</u>	<u>Rank</u>	<u>Name</u>

*D. M. ...*  
(Signature) (Rank)  
LT  
Appointment

Movement Details attached

RESTRICTED



MOVEMENT IN UNIT FOR WEEK ENDING 0800 HRS WED... 8 Jan 69.....

MARCH IN

Army No	Rank	Name	Posting Order No
2I6557	L/Cpl	J.J. Lloyd	SVN II28/68
2787593	Sig	M.J. Afflick	" II28/68
44453	"	W.E. Hall	" II31/68
2789803	"	R.C. Hulm	" II67/68
379I8II	"	R.A. Laing	" II35/68
2788090	"	B.R. Nelson	" II32/68
3793079	"	J.F. Oaten	" II27/68
I20II08	"	K.W. O'Connell	AHQ Sigs 782/68
2789072	"	B.G. Savage	SVN II35/68
55509	"	J.M. Scott	" II28/68
3793515	"	R.G. Taylor	" II34/68
2785570	"	R.H. Troughear	" II33/68
3792514	"	W. Davis	" II35/68
4719474	"	R.A. Durdin	" II35/68
39025	"	A.G. Greshmer	" II25/68
2789247	"	S.M. Maher	" II24/68
2788393	"	P.J. McGuire	" II35/68

Total March In.....

MARCH OUT

Army No	Rank	Name	Posting Order No
29488	Ssgt	R.A. Lyons	AFV through ALSO
2786035	Sig	M.B. Taylor	Sigs 704/68

Total March Out.....<sup>2</sup>



RESTRICTED

ANNEX D TO  
AFV (ARMY COMPONENT)  
ADMIN INSTR NO 3  
AMDT NO 3 DATED 22 JUN 68

AUSTRALIAN MILITARY FORCES

Unit...110 Sig Sqn.....

WEEKLY STRENGTH RETURN (SPECIAL) REVISED JUNE 68 AS AT 0800 HRS WED...15 Jan 69

(To reach HQ AFV (Records Det) by 1000 hrs Thurs of each week - AFV (ARMY Component) Admin Instr No 3 refers.)

<u>STRENGTH</u>		
	<u>ESTB</u>	<u>POSTED STR</u>
Offrs	9	9
WOs	10	8
ORs	233	234
Total	252	251

<u>ARA/NS</u>			<u>BREAKUP</u>	
	<u>ARA</u>	<u>NS</u>		
Offrs	8	1		
ORs	138	104		
Total	146	105		

LOCATION OF POSTED STRENGTH

	<u>With unit and physically located in</u>			<u>Not physically with unit</u>					<u>Total</u>
	<u>Saigon</u>	<u>1 ATF</u>	<u>1 ALSG</u>	<u>Leave</u>	<u>Hosp</u>	<u>AWOL</u>	<u>Detn</u>	<u>Aust</u>	
Offrs	2		7						
WOs	2	1	5						
ORs	86	29	103	1	14		1		16
Total	90	30	115	1	14		1		16

AHQ ATTACHMENTS

<u>No</u>	<u>Rank</u>	<u>Name</u>
A112907	Lac	G.M. Good
15309	Sgt	J.T. BUTLER

*(Signature)*  
(Signature) (Rank)

Appointment **AO**

Movement Details attached

RESTRICTED



MOVEMENT IN UNIT FOR WEEK ENDING 0800 HRS WED...15 Jan 69.....

MARCH IN

Army No	Rank	Name	Posting Order No
2789237	Sig	C.A. Bennett	AHQ SVN 1209/68

Total March In..1....

MARCH OUT

Army No	Rank	Name	Posting Order No
54816	SSgt	W.R. Shaw	AHQ SVN 1148/68
38457	Sgt	D.V. Lewis	AHQ SVN 1154/68
216595	LCpl	G.A. Chrighton	AHQ SVN 1156/68
3791482	Sig	L. Taylor	AHQ SVN 1153/68
3791232	Sig	W.G. Jeffery	AHQ SVN 1153/68
2786874	Sig	B.W. Bullock	AHQ SVN 1149/68
3791089	Cpl	R.W. Clarke	AHQ SVN 1153/68
215236	Sig	B.W. Sampson	AHQ SVN 1152/68
55118	Sig	K. McDonald	AHQ SVN 1136/68
3791377	Pte	D.N. Parrot	AHQ SVN 1102/68
3791003	Sig	N.R. Paddle	AHQ SVN 1153/68
213951	Cpl	T.J. Chell	AHQ SVN 1151/68
37114	Cpl	D.A. Hammond	AHQ SVN 1156/68
44073	LCpl	CP. Colbert	AHQ SVN 1157/68
4718736	Sig	B.W. Bubner	RA Sigs 707/68
3791454	Sig	T.E. Donoghue	AHQ SVN 1153/68
3791275	Sig	J.H. Hyland	AHQ SVN 1153/68
38872	Sig	A.B. Pearce	AHQ SVN 1156/68
1200894	Sig	K.J. Short	AHQ SVN 1150/68
1200609	Cpl	E.F. Shield	AHQ SVN 1144/68

Total March Out..20....



RESTRICTED

ANNEX D TO  
AFV (ARMY COMPONENT)  
ADMIN INSTR NO 3  
AMDT NO 3 DATED 22 JUN 68

AUSTRALIAN MILITARY FORCES

Unit...110nSig Sqn.....

WEEKLY STRENGTH RETURN (SPECIAL) REVISED JUNE 68 AS AT 0800 HRS WED. 22 Jan 69.

(To reach HQ AFV (Records Net) by 1000 hrs Thurs of each week - AFV (ARMY Component) Admin Instr No 3 refers.)

STRENGTH

	ESTB	POSTED STR
Offrs	9	10
WOs	10	8
ORs	233	231
Total	252	249

ARA/NS

BREAKUP

	ARA	NS
Offrs	9	1
ORs	135	104
Total	144	105

LOCATION OF POSTED STRENGTH

	With unit and physically located in			Not physically with unit					Total
	Saigon	1 ATF	1 ALSG	Leave	Hosp	AWOL	Detn	Aust	
Offrs	3		7						
WOs	2		6						
ORs	82	29	100	8	11		1		20
Total	87	29	113	8	11		1		20

AHQ ATTACHMENTS

No	Rank	Name
15309	Sgt	J.T. Butler
A112907	Lac	G.M. Good
2788322	Pte	J.J. Hanlon

*D. Marshall* Lt  
(Signature) (Rank)

Appointment *A/O*

Movement Details attached

RESTRICTED



MOVEMENT IN UNIT FOR WEEK ENDING 0800 HRS WED...<sup>22 Jan 69</sup>.....

MARCH IN

Army No	Rank	Name	Posting Order No
35018	Capt	L.H. Foote	

Total March In...<sup>1</sup>...

MARCH OUT

Army No	Rank	Name	Posting Order No
35836	Capt	D.J. Slade	AHQ 664/R68/532
42360	Sgt	J.N. Dart	AHQ SVN 1156/68
39022	Sig	D.A. Cochrane	AHQ SVN 1156/68
1200815	Sig	G.J. Smith	AHQ SVN 1151/68

Total March Out..<sup>4</sup>....



RESTRICTED

ANNEX D TO  
AFV (ARMY COMPONENT)  
ADMIN INSTR NO 3  
AMDT NO 3 DATED 22 JUN 68

AUSTRALIAN MILITARY FORCES

Unit... ITQ Sig Sqn.....

WEEKLY STRENGTH RETURN (SPECIAL) REVISED JUNE 68 AS AT 0800 HRS WED 29 Jan 69..

(To reach HQ AFV (Records Det) by 1000 hrs Thurs of each week - AFV (ARMY Component) Admin Instr No 3 refers.)

<u>STRENGTH</u>			<u>ARA/NS</u>		<u>BREAKUP</u>	
	<u>ESTB</u>	<u>POSTED STR</u>		<u>ARA</u>	<u>NS</u>	
Offrs	9	9	Offrs	8	1	
WOs	10	8	ORs	135	105	
ORs	233	232	Total	143	106	
Total	252	249				

LOCATION OF POSTED STRENGTH

	<u>With unit and physically located in</u>			<u>Not physically with unit</u>					<u>Total</u>
	<u>Saigon</u>	<u>1 ATF</u>	<u>1 ALSG</u>	<u>Leave</u>	<u>Hosp</u>	<u>AWOL</u>	<u>Detn</u>	<u>Aust</u>	
Offrs	2		7						
WOs	2		6						
ORs	79	28	112	9	3		1		13
Total	83	28	125	9	3		1		13

AHQ ATTACHMENTS

<u>No</u>	<u>Rank</u>	<u>Name</u>
I5309	Sgt	J.T. Butler
A3I7035	Lac	A.T. Alcock

*(Signature)*  
(Signature) (Rank)

Appointment A0

Movement Details attached

RESTRICTED



MOVEMENT IN UNIT FOR WEEK ENDING 0800 HRS WED...29 Jan 69.....

MARCH IN

Army No	Rank	Name	Posting Order No
37808	Sgt	K.J. Fletcher	AHQ SVN II29/68

Total March In..I....

MARCH OUT

Army No	Rank	Name	Posting Order No
235206	Cap t	I.R. Willoughby	664/R68/532

Total March Out...I....



War Diary

CONFIDENTIAL

110 Sig Sqn  
VUNG TAU

Feb 69

R723/4/1

MONTHLY REPORT - JAN 69

GENERAL

Signal Traffic

1. A general rise in theatre signal traffic occurred in the month of January to reach a record total of 105,604 messages. It is considered that the general increase over the December figure may have been due in part to the additional traffic on the MELBOURNE circuit causing the generation of further traffic on in-theatre circuits, the growth in MELBOURNE traffic having been caused by the availability of a greater number of working days in January.

Siemens Installation

2. The installation of the FM 12/400 equipments and antennae was completed by 14 Jan 69. Since that time one equipment and antennae has been re-located and tests on various paths conducted. As at the end of the month tests and the collation of information related to them are continuing.

Transposition of Trunks - DEER to TIGER

3. As at 2000 hours on 24 Jan 69 the transposition of all lines from DEER to TIGER exchange commenced. A special arrangement was made to directly connect telephones located in the Duty Officers Room at HQ AFV to channels on EBONY and EMU in order to ensure that telephone communication with ALSG and ATF could be maintained under all circumstances.. However, liaison between the Squadron and the US installation team was most effective and all telephone trunk circuits were connected and working by 0400 hours on 25 Jan 69.

COMMUNICATIONS

SAIGON

4. Sigcen/MRS The total traffic through the Sigcen/MRS rose from 73,026 messages in December 68 to 86,245 messages. Approximately one third of the increase is accounted for by the increase in traffic on MELBOURNE channels. Detailed statistics are presented at Annex 'A'.

5. SAIGON/MELBOURNE The traffic availability for the month averaged only 20.1 hrs per day or 83.7% as opposed to 21.4 hours per day or 89.1% for December. This may be attributed to the predicted worsening in ionospheric conditions.

6. SAIGON/PHAN RANG Circuit logs reveal that the service provided by the US bearer (SAIGON-GIA DINH-NHA TRANG-CAM RANH BAY-PHAN RANG) has degraded unacceptably in the last two months. Action is in hand through HQ AFV to have the restoration priority of the circuit upgraded and to improve the system of fault reporting. Tests are also to be conducted on CFS/RTT with RAAF PHAN RANG to improve the alternate HF system which at present operates on voice/CW.

VUNG TAU

7. Sigcen/MRS The traffic for the month reached a total of 34,949 messages compared with the December total of 27,256 messages. This represents an increase of 35.7%. Detailed statistics are presented at Annex 'B'.

8. Trunk Telephone Channels The Trunk Telephone system continued to function satisfactorily. Improved quality was noted on all channels of system 1 and system 2 during the month. The employment of SIEMENS FM 12/400 radio bearer equipment on the SAIGON-VC HILL link of system 1 proved to be advantageous once the more complex line up procedure required to effect an interface between FM 12/400 and AN/TRC 24 equipment had been mastered by shift technicians. The improved quality of system 2

2.....channels is



channels is attributed to increased attention to line up procedures and to a higher standard of equipment maintenance.

9. Radio Circuits Schedules were worked with the MV JEPARIT and AV CLIVE STEELE without difficulty. The HF alternate circuit to PHAN RANG was activated on 18 days during the month and used for traffic and circuit engineering.

10. National Rear Link

a. The alternate transmitter was activated once during the month to permit some electrical wiring changes at the NUI DAT transmitting station.

b. It has been noted that diversity effect of the Horizontal and Vertical Log Periodic Antennae is slight and that improved circuit performance was achieved when a Cubical Quad Antenna is used instead of the Vertical Log Periodic Antenna. This is attributed to a space diversity effect achieved by having the antennae separated by approximately two hundred metres. An alternate antenna arrangement is being considered and details of it will be notified in due course.

11. 1 ALSG Telephone System

a. The telephone system continued to function efficiently and less faults were reported than in previous months. Most of the corrosion problems reported in previous months have been eliminated by replacement of affected terminal boxes and by water proofing with CRC-2-26 compound. The main cause of faults during the month was deterioration of D10 cable.

b. Work on the reconstruction projects of 1 Aust Fd Hosp, 2 AOD and HQ 1 ALSG was severely limited by the hospitalization of key men. The telephone cable network uses multi-pair cable for all major routes and for many subscriber routes. The unit establishment provides for employment in the line section of tradesmen qualified as linesmen field. Many of the tradesmen posted to the section have no experience in the techniques of multi-pair cable laying and maintenance. Training in multi-pair cable techniques is required. ~~This~~ will be undertaken when vacancies on US courses in Mar/Apr are continued, available.

c. Difficulty is being experienced in obtaining sufficient quantities of permanent line stores to replace the remaining D10 lines and to allow installation of intercommunication networks in a number of the major units areas. Indents for cable submitted on 4 Dec have not been filled.

d. Planning was completed during the month for an alternate main switchboard access route. Indents will be submitted early in Feb for the stores required.

e. The EMU switchboard continued to function efficiently although the number of permanent faults on the board increases as sufficient replacement parts still can not be obtained.

TECHNICAL ASPECTS

SAIGON

12. Telegraph Maintenance Telegraph maintenance has improved with the arrival of Cpl Cummings. The benefit of one extra, trained mechanic has been noticed, particularly during the night shift. Telegraph failures have been down to one a night.

13. Generator Section There were three serious failures of 62.5 KVA generators during the month resulting in the complete replacement of two machines. An examination of the machine log books revealed that services on the generators had not been correctly recorded though both the operators and the responsible authorities maintain that services are being maintained on time. The arrangements for servicing these generators are in the hands of HQ AFV (Force Engineer) it is understood on the grounds that the machines are operated by sappers. It is considered that this is an unsatisfactory method of operation as the control of the generators should be exercised by this unit, and it is intended to present a case for variation

3.....to the



to the current system in the near future.

VUNG TAU

14. Switchboard TC-10 Fifteen faults were reported during the month. A number of parts required to effect repair of these faults were obtained from 39 Sig Bn. It is believed that an adequate supply of maintenance spares could be obtained from US supply sources. The matter is under investigation.

15. Generator Section

a. The COMCENTRE powerhouse functioned efficiently during the month and no power failures were recorded.

b. Generating Sets Gasolene Engine 10 KVA have shown a tendency to form heavy carbon deposits when run on the petrol supplied in this theatre. A number of minor mechanical failures have been detected in the machine and are being corrected during RAEME servicing although there appears to be some delay in obtaining parts.

16. Installation

a. An emergency power supply for the Radio Building was installed and tested. A concrete hard standing and shelter for the generating set will be built during Feb.

b. The high power antenna patching system at the COMCENTRE and Radio Building were completed during the month.

c. Work commenced on stage two of the ward music system at 1 Aust Fd Hosp. on the 24 Jan and will be completed by the 5 Feb. All equipment is functioning satisfactorily despite the high temperatures experienced in the control room. Action is in hand to improve the control room ventilation.

d. The internal wiring for the HQ 1 ALSG intercommunication network was commenced on 24 Jan and will be completed by 12 Feb. Commissioning of the system will be held up until sufficient stores can be obtained for the cable runs.

e. Planning has been completed for the Comcentre main distribution frame reconstruction. Indents will be submitted during Jan for the stores required.

f. Planning has commenced for intercommunication networks for 2 AOD and 2 AFCU.

NUI DAT

17. Transmitter Circuit availability for the month is attached as Annex 'C'.

18. System Control Circuit availability for the month is attached as Annex 'D'.

19. Generator Section Nothing to report.

20. Comsec Section A monthly report on the activities of this detachment has been submitted to the OC 104 Sig Sqn.

ADMINISTRATION

21. Visits to the unit were made by the following persons:

a. <sup>2a1g</sup> ~~2a1g~~ TRANCREG.

b. Sqn Ldr THORNE (Staff Officer Radio RAAF)

c. S02 Sigs<sup>and</sup> Lt Col HOCKNEY.

22. A major dysentery outbreak occurred on the 11 Jan 69. Twelve members of the unit were admitted to 1 Aust Fd Hosp. After a period of quarantine the outbreak was ~~cured~~ contained.

23. The unit participated in an increased number of sports during January. The major sports being Rugby Union, Water Polo, Volley Ball.

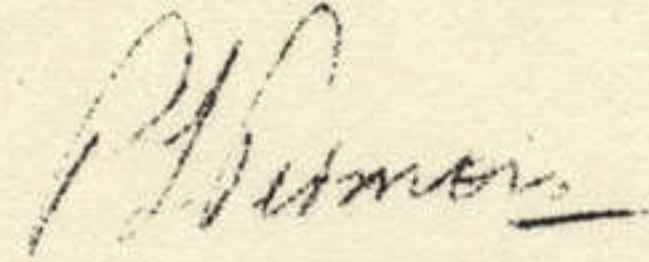
24. Numbers proceeding on R & R and R & C for the month of Jan as follows.

4.....a. Australia



- a. Australia 13
- b. Hong Kong 10
- c. Singapore 3
- d. Taipei 1
- e. Bangkok 2
- f. R & C 13

25. A detailed list of unit surplus and deficiencies in personnel is attached as Annex 'E'.



(P.L. Perman)  
Maj  
OC 110 Sig Sqn

- Annexes
- A. Sigcen/MRS SAIGON Traffic Figures.
  - B. Sigcen/MRS VUNG TAU Traffic Figures.
  - C. Transmitters Circuit availability.
  - D. System Control Circuit availability.
  - E. Personnel surplus and deficient.

Distribution

Det 110 Sig Sqn HQ AFV	(2)
Det 110 Sig Sqn 1 ATF	(1)
Det 110 Sig Sqn 1 ALSG	(2)
HQ AFV	(2)
D Sigs	(5)
S02 Sigs	(1)
2 Sig Regt	(2)
War Diary	(3)
File	(1)
OC	(1)
2ic	(1)



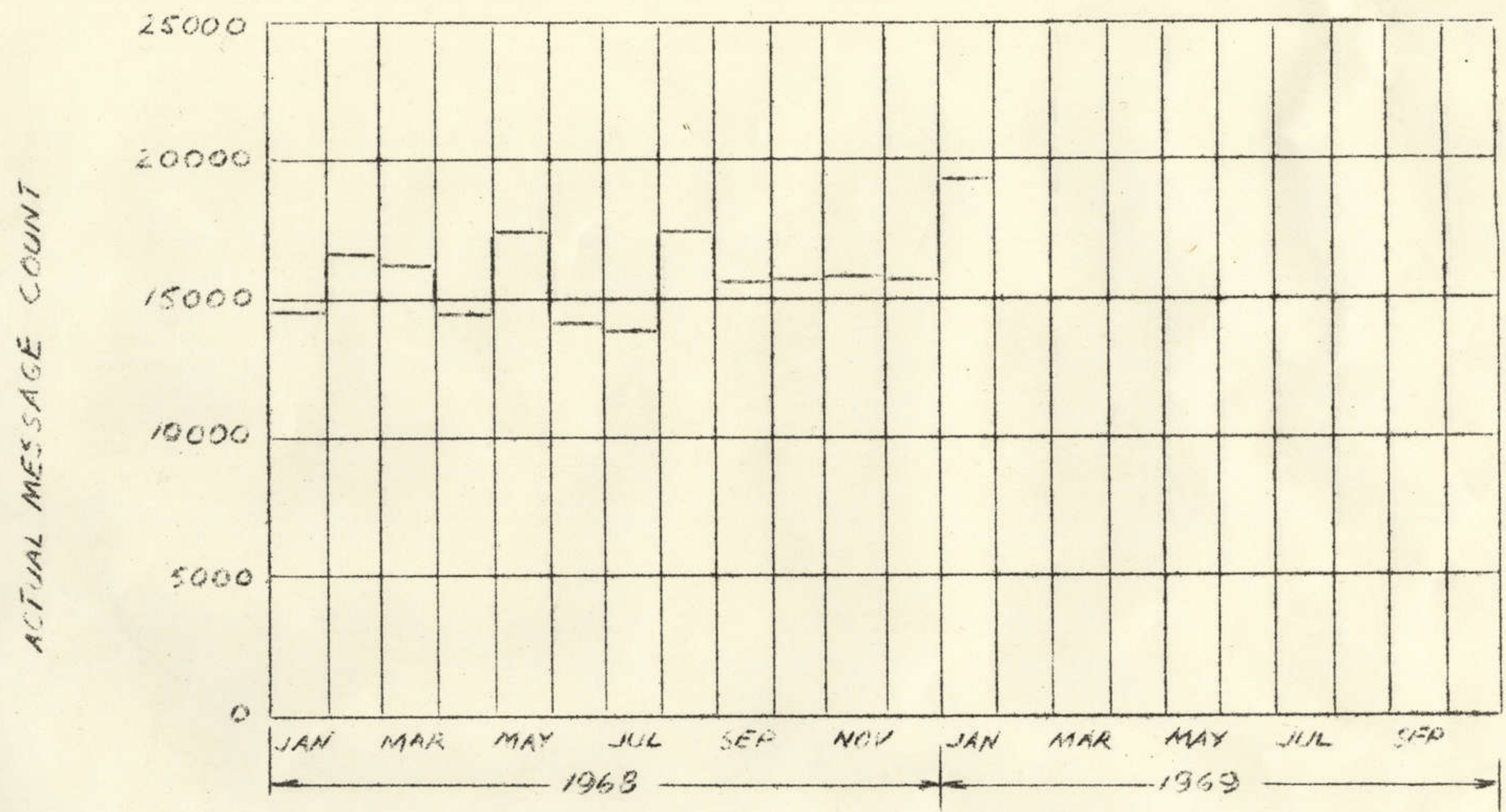
Annex 'A' to 110 Sig Sqn  
R723/4/1 dated Feb 69.

Circuit	Bearer	Availability hrs/days %		Flash	Immediate	Priority	Routine	Total	ZFX ZIG+ ZFR	
Nui Dat	US hired microwave AN/TRC 24	23.3	97.1	99	1590	3448	4934	10071	120	
HQ AFV Sigcen	Aust Line	22.7	94.5	6	1902	6828	10476	19212	47	
Phan Rang RAAF	US hired microwave circuit	19.8	82.5		212	2087	1082	3381	96	
Melbourne	Aust HF Radi●	A	21.3	88.7		3190	3606	7191	13987	107
		B	18.9	78.7	2	3143	3138	6505	12788	99
Phu Lam	US hired Circuit (Land line)	23.3	97.1	306	3750	872	368	5296	226	
Vung Tau	US Hired circuit AN/TRC 24 channel	23.1	96.2	202	1259	6048	8081	15590	178	
Service	positions			25	1787	2493	736	5041	6	
				640	16833	28520	39373	85366	+	879

86245

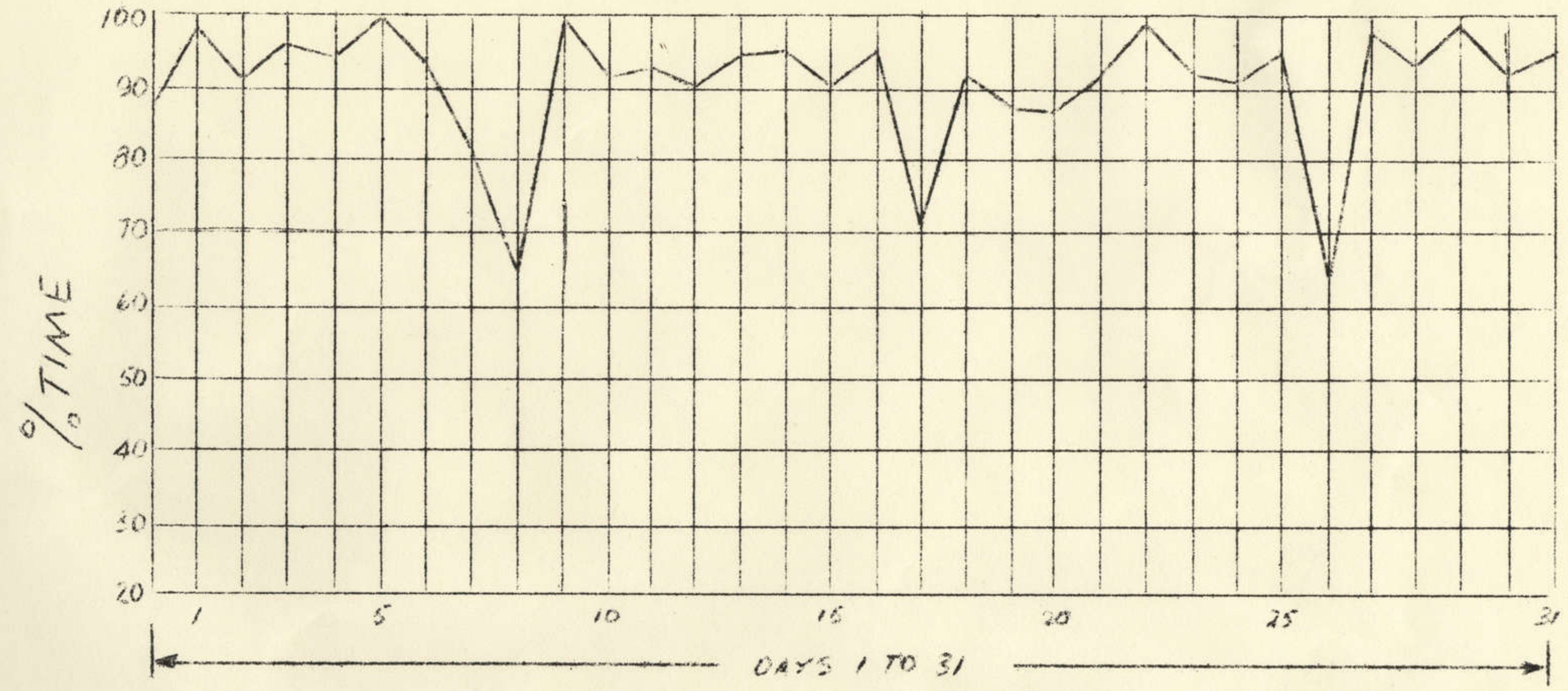


TRAFFIC VOLUME SIGNAL CENTRE SAIGON





AVAILABILITY %

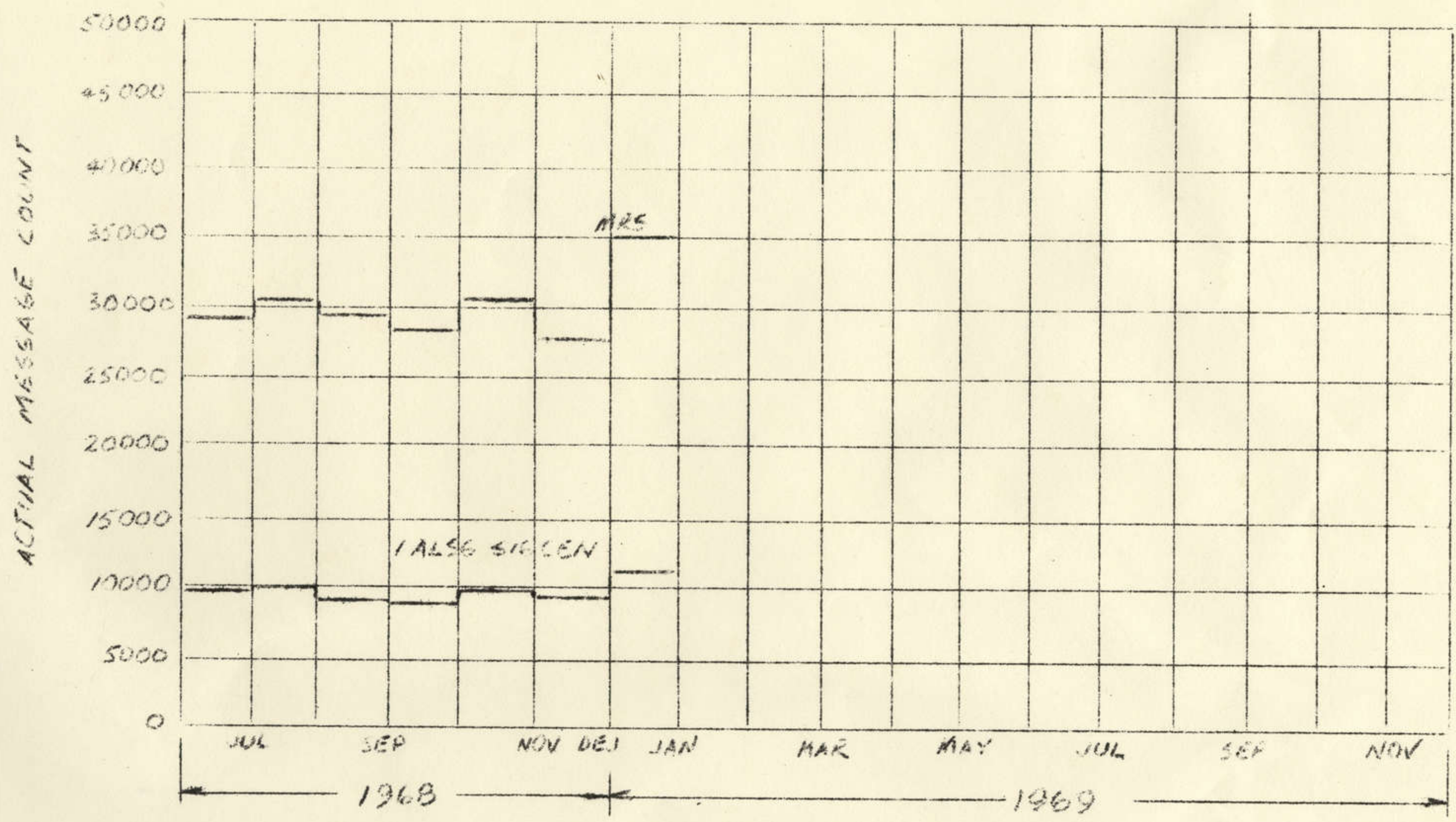


DAILY AVAILABILITY TELEGRAPH CIRCUITS AUSTRALIAN SAIGON - AUSTRALIAN WATSONIA

AVAILABILITY SAIGON SEND, MELBOURNE SEND IDENTICAL



MONTHLY TRAFFIC  
YUNG TAU MRS/SIGLEN





CONFIDENTIAL

Annex 'B' to 110  
Sig Sqn  
R723/4/1 dated  
Feb 69.

MONTHLY TRAFFIC FIGURES  
TRUNK TELEGRAPH

Channel	Flash	Immediate	Priority	Routine	ZFX	Total
SAIGON A	190	1178	5998	8238	162	15766
RAAF A	175	397	2281	1021	15	3889
1 ALSG A	4	1026	3483	6897	15	11425
NUI DAT A	30	637	2114	1067	21	3869
TOTAL	399	3238	13876	17223	213	34949

TELEPHONE

EMU Switchboard

Average Call Count

Local            )  
Busy Local    )    4328

Trunk            )  
Busy Trunk    )    571 TIGER  
                  )    642 EBONY

TOTAL            5541

CONFIDENTIAL



TRANSMITTER AVAILABILITY STATE

1. Period 010001H to 272400H.

2. Red Transmitter

Outages

QSY	6 hours	02 minutes
Maintenance	14 "	26 "
Generator Change		19 "
Other causes	6 "	22 "
Total outages	27 "	09 "
Total time available	620 "	51 "

3. YELLOW TRANSMITTER

Outages

QSY	9 hours	52 minutes
Maintenance	5 "	05 "
Generator change		19 "
Other causes	8 "	16 "
Total outages	23 "	32 "
Total time available	624 "	28 "

4. Among the other causes were

Red transmitter,

Output coupling fault	1 hour	32 minutes
ZGN to change aerial lights		28 "
Monitor unit check		05 "
Buffer amplifier fault	2 "	27 "
MT2 fault	1 "	50 "

Yellow transmitter,

Line tuning fault	7 hours	14 minutes
Drive unit fault		25 "
Arcing in P.A. stage		12 "
Faulty gate switch		25 "



SYSTEM CONTROL CIRCUIT AVAILABILITY

Telegraph circuit

Saigon	96%
Vung Tau	97.8%

Carrier system

System two	98.1%
System three	99.9%

Outages

Saigon	
OLC Alignment	2%
Equipment	1.1%
Bearer	0.3%
Vung Tau	
OLC Alignment	2%
Equipment	0.1%
Bearer	0.1%
System two	
Line up	0.9%
Equipment	0.8%
Bearer	0.2%
System three	
Line up	0%
Equipment	0%
Bearer	0.1%



TRADE POSTING SUMMARY

Rank	Unit Estb	Posted	Remarks	TRADE DETAILS ATT PERS							
				Rank	Elec Mech		Ordnance		Cook		
Offr	9	9			a	b	a	b	a	b	Note: a. denotes unit estb strenght b. denotes unit posted strength.
WO1	2	5	Note trades								
WO2	8	3	1 x SSM	Sgt			1	1	1	1	
Ssgt	2	5	1 x SQMS	Cpl	3	1			1	1	
Sgt	23	20	1 x Dtmn	Pte/Spr	3	4	1	1	2	2	
Cpl	63	34									
Sig	145	173	includes 27 Lcpl								
Total	252	249									

TRADE DETAILS

Rank	F of Sigs		Sigcen Supvr		Tech Sigs		Op Swbd		Dvr	OK	Clerk		Lmn Fd		OKC	OKR	Stmn Tech Sigs		Tech Elec		Tech Elec Ciper		Tech TG		Rigger Sigs					
	a	b	a	b	a	b	a	b			a	b	a	b			a	b	a	b	a	b	a	b	a	b	a	b	a	b
WO1	1	3	1	2																										
WO2	3	1	3	1																										
Ssgt	1	2		1							1			1																
Sgt									1		1	3	1		6	6	2	1	2	1	6	5	1	1	1					
Cpl					1	1	1		3	3	8	1	3	2	2	2	9	5	3	1	3	4	22	10	1	1	2	1	1	
					5	5	8	9	13	13	28	34	6	7	5	11	12	16	13	16	2	3	32	39	5	5	7	6	2	2

Remarks:- 7 Surplus by trade to estb  
Total on unit strenght 249.