

Series: AWM95
Australian Army commanders' diaries
[Vietnam]

Signals units

Item number: 6/3/8

Item: 110 Signal Squadron

Narrative

Annexes

[1-31 Dec 1967]

COVERING LETTER

Reference No. R707-4-4

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) [Signature] Maj

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

Receipt forwarded 31/1

SECRET

ORIGINAL } Strike out where
~~DUPLICATE~~ } not applicable

COMMANDERS DIARY

OF

Unit or Formation 110 SIG SQN

From 1 DEC 67 To 31 DEC 67

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

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† ~~REFAINED~~
† Despatched to

on.....

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

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.
ommander with regard to equipment, tactics, organization

otential importance.
to officers, men and equipment.
ipment captured.
employed in the time not accounted for. The type of

and to save work as much information as possible is to
uments issued and received, routine returns, etc. All
l 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)

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[6/3/Dec 67]

VE C 3118 (Vquibst)

SECRET

EVBL 3

EVBL 1

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/Dec 67]

COMMANDERS DIARY NARRATIVE

MONTH AND YEAR DECEMBER 1968

REFERENCE MAP

UNIT/FORMATION 110 SIG SQN

COMMANDING OFFICER Maj E.H. HYNES

Place and grid reference	Date	Time	Event or information	Annex letter and enclosure number
SAIGON	4 DEC		New establishment for 110th Signal Squadron promulgated with HQ AFV Raising Instruction to implement it.	0 1
VUNG TAU	6 Dec		Capt J.C.H.P. GORDON assumed command of VUNG TAU Detachment vice Capt J. VIKSNE.	0 1
SAIGON	6 DEC		Capt J. VIKSNE appointed 2IC 110th Signal Squadron	0 1
SAIGON/VUNG TAU	7 DEC		Experiments completed a direct radio relay shot between Saigon and Vung Tau	0 1
SAIGON	11 DEC		Visited US receiver station at the Long Binh to investigate possibility of transferring AUSTCAN SAIGON receiver station from BA QUEO to this location. Satisfactory in all respects and D Sigs approval to be sought for the move.	0 1
SAIGON	12 DEC		Submitted to HQ AFV User Requirement for engineer works required for new transmitter building to be constructed.	0 1
SAIGON	15 DEC		Test on VHF (4FJ) link between Saigon relay station and US receiver station at Long Binh carried out successfully.	0 1
SAIGON	16 DEC		Sqn HQ and Saigon Detachment Christmas party held at Phu Tho	0 1

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AUSTRALIAN MILITARY FORCES

SOUTH VIETNAM

110 Sig Sqn
PHU THO

Jan 68

R723-4-1

HQ AFV

110th SIGNAL SQUADRON - MONTHLY REPORT

DECEMBER 1967

Communications

1. Radio Relay System - Experiments continued during the month on direct shots from Saigon to both Nui Dat and Vung Tau.
2. From Saigon to both locations the results were most encouraging. However in the reverse direction this was not so. With better designed yagi antennas, and a more suitable frequency it is likely that the Nui Dat to Saigon shot can be satisfactorily engineered. However it is extremely unlikely that the VC Hill repeater station can be dispensed with on the Vung Tau to Saigon shot.
3. With the VC Hill repeater remaining, an equipment assessment shows that the triangulation system is feasible, with 50% spare equipment available in all four locations and one complete equipment in Tech Maint. This is not exactly lavish but once the triangulation system is in, a series of equipment faults in any one location can be overcome by patching the faulty system to the available spare channels on the other.
4. During the month circuit availability on the present system was satisfactory with only occasional interference problems.
5. Emu Switchboard - The air conditioning problems were overcome by installing the conditioner from the AN/ASC 29 shelter in the switchboard room. This is only a temporary expedient pending the provision of an air conditioner by the engineers. Once this arrives it is intended to install the other conditioner in the repeater terminal on VC Hill.
6. Pending arrival in theatre of additional switchboard operators a number of unit switchboards must be retained. (See Annex A to this report). This was not a popular decision with HQ 1 ALSG, but nevertheless had to be made.
7. New Transmitter Building - Phu Tho - By the end of the month work had not commenced on this building, but it is hoped that it will not be long before it does. Work is already underway on the detailed planning and installation drawings for the station.
8. Individual Relief - Morale was seriously affected during the month by the uncertainty of RTA dates caused by the lack of information from E Comd concerning replacements. On the charter arriving and leaving on 18 Dec personnel leaving were packed and cleared for movement, and actually waiting at the air terminal knowing full well they could be removed from the draft if their replacements were not on the plane. The manifest was not to hand until a few hours before the plane arrived.

/9. In actual

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9. In actual fact eight replacements did not arrive and in a fit of blind optimism the OC allowed all outgoing personnel to leave as planned.

10. The extra load placed on the short staffed installations in both areas was carried simply because traffic was less for the latter half of the month. In January this will not be so and the rule of "no replacement - no RTA" will be strictly adhered to.

Administration

11. Personnel

a. March-ins

- (1) RTU from 10L Sig Sqn: 5ORs.
- (2) Arrivals in theatre: 1 Offr 30ORs.
- (3) Attached personnel: 1 Offr(NZ) 1OR.

b. March-outs

- (1) RTA 1 Offr 37 ORs incl 1 Medevac
- (2) RTU 1 OR

c. Deficiencies (as at 31 Dec 67)

(1) Posted Strength

1 WO
1 Sgt
21 Cpl
34 Sigs

(2) Attached Strength

1 Sgt
2 Cpl
2 Pte

d. Surplus to Establishment

(1) Posted Strength

1 Sgt
1 Sig

(2) Attached Strength

1 Sgt

12. Changes in Personnel - During the month the following changes in allocation of personnel took place.

a. Capt Viksne assumed the posting of 2IC of the squadron on 13 Dec being replaced by Capt Gordon as OC VUNG TAU Detachment.

b. 2Lt Eke marched into the squadron on 19 Dec to take over from Lt Travis as the Admin Offr of the VUNG TAU Detachment.

/c. W02 Williams

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c. WO2 Williams took over as SSM of the squadron from WO2 Hutchison on the 19 Dec.

d. WO1 Miles marched into the squadron on the 19 Dec as the new Theatre Foreman of Signals, vice WO2 Booth.

13. CO's Hour - A CO's Hour was held in SAIGON on 22 Dec. Chaplin Gardiner spoke on Drinks and Drunks; Drugs and Dopes.

14. New Works - Saigon Area - No new work was carried out during the month.

15. Welfare - The personnel residing in Saigon had a fairly full social calendar during the month:


10 Dec - Sqn HQ Christmas Party.

16 Dec - Sqn Christmas Party.

23 Dec -- Social evening for residents of Canberra BEQ (ORs).

24 Dec - ABC Concert Party and Officers Christmas Party (in conjunction with HQ AFV).

30 Dec - WOs and Sgts Social function (in conjunction with HQ AFV).


(E.H. Hynes)

Maj
OC

Annexes: A. VUNG TAU Detachment Report
B. SAIGON Detachment Report

For information

D Sigs (2)
104 Sig Sqn

Internal

VUNG TAU Detachment
SAIGON Detachment

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ANNEX A
TO 110 SIG SQN
R723:4:1
DATED JAN 68

VUNG TAU DETACHMENT

110 SIG SQN

MONTHLY REPORT

DECEMBER, 1967

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4. ADMINISTRATION
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3. RR OUTAGES - VUNG TAU - NUI DAT
4. RR OUTAGES - VUNG TAU - SAIGON
5. TRAFFIC OUTAGES - VUNG TAU - NUI DAT
6. TRAFFIC OUTAGES - VUNG TAU - SAIGON

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GENERAL

Festive Season

1. The festive season was celebrated in true Australian fashion by the detachment. A very merry Christmas and an extremely Happy New Year was had by all. With this behind us everyone is ready to tackle the year ahead with renewed vigour and a determination that even better things will be achieved than in the year just concluded.

Visits

2. The usual parade of VIP visits took place this month. The more notable visitors were:

- a. 14 Dec 67 - Chief of Air Staff, Sir Alistair Murdoch.
- b. 24 Dec 67 - The Minister for Repatriation, Senator McKellar.
- c. 29 Dec 67 - Federal Member for Griffith, Mr Cameron MP.

3. Sqn Ldr R.M. Backhouse of DEPAIR visited the detachment on 5 Dec 67 accompanied by Flt Lt L. Stratford. They inspected the Communications Centre.

Personal

4. Congratulations are extended to WO2 Hardiman on his award of the BEM in the New Years Honours List.

COMMUNICATIONS

Sigcen/MRS

5. Traffic. The traffic volume handled by the MRS was down by 30/o on the November figures. This no doubt reflects the Christmas /New Year standown periods.

6. Cipher Eqpt. Cipher equipment breakdowns during December were markedly reduced on the November figures. This reflects the improved operating conditions in the new Comcentre.

7. Security Clearances. The position in regard to security clearances has deteriorated since the last report. Of 41 operators and 33 technicians^{few} are cleared to the required level. As a result Foreman of Signals and Signal Centre Supervisors are being rostered to do the daily cipher changes.

8. ALSG Sigcen. Planning is under way to reposition equipment in the Sigcen to produce a more functional and efficient layout.

Medium Radio

9. Equipment Consoles. Both consoles have now been built and the wiring and fitting of the radio equipment has commenced.

10. HMAS SYDNEY Circuit. During the visit of HMAS SYDNEY on 27 Dec 67 a HF CW circuit was established and maintained during the unloading phase. No problems were encountered in providing this circuit.

..../11.

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11. Telephone. The new EMU switchboard continues to function satisfactorily giving a much improved service over the old SB86-PT installation.
12. Line Faults. The average daily number of line faults during December was seven (7), a slight decrease over the November figures. The majority of these faults are occurring in the old DIO wiring.
13. New Line System.
- a. The northern end of the 1 ALSG area was cut over onto the new line system on 10 Dec 67. 75% of EMU subscribers are now connected to the PL System.
 - b. The cable run from EMU to the main distribution box near the ASCO Compound has now been built up to 300 pairs to allow for connection of the remainder of the 1 ALSG Area.
 - c. Work has commenced on laying the new multi pair cable from the Southern end of the area. This is being carried out by unit linemen assisted (by local arrangement) by US Line crews. The completion date of this task will be determined by the availability of the US Line crews and by the number of line faults appearing in the system.
14. Although direct connection to EMU is now available to 75% of telephone users in the ALSG area it has been found necessary to retain BUNYIP (2 Comp Ord Depot), VAMPIRE (8 Fd Amb) and ELECTRON (102 Fd Wksp) switchboard because of the lack of operators for EMU. This situation will worsen when the rewiring of the southern end of the ALSG area is completed. A minimum of two more operators is required before connection of any additional extensions is considered.
15. Dial Telephone Facilities.
- a. Due to overloading on the VUNG TAU DCO a request was received from the US authorities to consider reduction of the dial phones in the 1 ALSG area. The number of dial extensions was reduced from 14 to 5 by eliminating those extensions which could not be justified and providing others who previously had separate extensions with parallel phones on the remaining extensions. The reallocation was agreed by Comd 1 ALSG.
 - b. Improved access to the VUNG TAU automatic system was given to all EMU subscribers by the connection of seven (7) dial trunks to EMU. Of these seven, four ^{out} lines (two Class A and two Class C) and three are incoming. So far these have proved most successful and have considerably relieved the load on the VUNG TAU operators.
 - c. Improved access was made available to Class C subscribers wef 29 Dec 67. They now have access to BARIA, BEAR CAT, BIEN HOA ARMY, BIEN HOA LOCAL, DONG TAM, EBONY, EMU, HAM TAM, LONG BINH, LONG GIAO, PLANTATION, XUAN LOC, ARVN, CAT LO, ROK.

TECHNICAL ASPECTS

Radio Relay

16. During the month the Radio Relay system functioned well. Outages on both systems were low reflecting the effect of the improved working conditions both in Saigon and in Vung Tau.

..../17.

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17. Limited instruction on the AN/TRC 24 and associated carrier equipment was given to the Saigon SCOs during the month.

18. Under Sqn HQ arrangement, planning for the Radio Relay triangular system is well under way. Encouraging results were obtained on the Saigon - Nui Dat leg but those on the Saigon - Vung Tau leg direct were disappointing and it appears that the VC Hill repeater station will continue to be required. Construction of brackets to allow further bedstead aerials to be mounted on deeco masts is in hand with 102 Fd Wksps. As soon as these are available the bedsteads will be mounted and further testing can then be carried out.

Sigcen

19. Planning is in progress to completely rewire the ALSG Signal Centre. This will be done in conjunction with equipment relocation required to make the Sigcen more functional.

20. Considerable trouble was experienced with the Sig cen circuit over the latter part of the month. This has been rectified by some minor re-wiring.

System Control

21. Availability on all circuits was higher than for previous months. This is attributable to:

- a. Increased availability of RR system.
- b. Fewer equipment failures due to new environment.
- c. Better working conditions for the SCOs resulting in faults being remedied in much shorter times than previously.

Technical Maintenance

22. The lower failure rate of equipment on circuit has enabled the preventative maintenance program to proceed smoothly. Telegraph equipment has shown the greatest improvement, the number of faults being less than 25% of November's total.

23. A technician was loaned to AS 3051 JOHN MONASH for four days to completely check and repair all her radio equipment. He also re-wired and re-organised the power arrangements for the radio room (see separate report to be submitted). The ship's captain was extremely grateful for the assistance given him as he arrived in Vung Tau with no radio equipment working and left with it all working satisfactorily. Thanks are due to Cpl Kennedy who put in long hours during his four days on board and did an excellent job.

24. Plans have also been made for the installation of an AN/GRC 106 on the LSM AV 1353 HARRY CHAVVEL. A AN/PRC-47 was installed on the LSM as a temporary measure pending arrival of the AN/GRC-106 installation kit. This installation was done on 31 Dec 67 and is working satisfactorily.

ADMINISTRATION

25. During December sixteen members RTA, all in time to spend Christmas with their families and sixteen members arrived as replacements.

26. The following numbers proceeded on R&R and R&C:

- a. R&R to Australia 3

....b.

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- b. R&R to Singapore 4
- c. R&R to Hong Kong 7
- d. R&C 12

27. Lt J. Eke arrived to replace Lt V. Travis as Admin Offr. Lt Rowlands returned to the detachment from Saigon.

MISCELLANEOUS

Major/Minor Works

28. RR Det VC Hill. The Det has now completed its accommodation building. P26s have been submitted for the provision of a 500 gallon water tank and a 4 cubic feet refrigerator. Provision of these will add considerably to the comfort of the detachment.

29. All roads in the detachment area on LOGAN HILL have now been filled with rock making vehicle movement much easier.

30. The wiring for the American power has now been installed in unit area. Internal wiring of buildings for the new power is well under way and should be completed by the time power is connected from the poles to the buildings.

31. A P26 has been submitted for conversion of one of the Q buildings to the Tech Maint Workshop. This eases the task of providing air-conditioning.

Defence

32. a. A two strand concertina wire fence was erected around the perimeter by HQ Coy D & E Platoon.

b. The fortified bunker on the old Logan Hill has been repositioned to give it better fields of view and fire.

c. Consideration is at present being given to removal of the remainder of the sand hill to the north of the new aerial field excavation and to the erection of a 30-40 feet high tower in the area behind the Officer's quarters to replace the isolated bunker on the far side of the aerial field excavation.

Troop Welfare

33. CO's Hour. A CO's hour was held on Dec 67: Subject: Drinks and Drunks: Drugs and Dopes. Lecturers: Father Doolan and Chaplain Liddell.

34. Films continue to be shown on a regular basis and are generally very popular.

Sandbaggers Inn

35. Functions held during December were:

- a. 9 Dec 67 - Hippie Night
- b. 24 Dec 67 - Christmas Party
- c. 31 Dec 67 - New Years Eve Party

All functions were extremely well attended and were well conducted. This canteen is a valuable asset and aid to morale.

..../36.

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36. On Saturday 23 Dec 67 the ORs organized a beach party for 28 members of the Nanh Binh orphanage. The children were picked up at 1100 and taken home approximately 1730. The culmination of the day was a party tea in Sandbaggers Inn followed by Santa Claus giving out presents to all children. The children enjoyed the day immensely and Cpl Willcox and his committee deserve heartiest congratulations.

Intelligence Briefing

37. An intelligence briefing was given by the Admin Officer on 16 Dec 67.

Memorial Service

38. Detachment 110 Sig Sqn participated in the 1 ALSG memorial service for our late Prime Minister Mr Harold Holt on 22 Dec 67.

3 Jan 68

Jordon
(J.C. Gordon)
Capt
OC

..../Appendix 1.

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MONTHLY CIRCUIT DATA SUMMARY

PERIOD 1 - 31 DEC 67

APPENDIX 1
TO ANNEX A
TO 110 SIG SQN
R723:4:1
DATED JAN 68

<u>SERIAL</u>	<u>INFORMATION</u>	<u>NUI DAT/MRS</u>	<u>RAAF/MRS</u>	<u>1 ALSG/MRS</u>	<u>MRS VTU/MRS SGN</u>
1	Details of Circuit	P,D,AU/US	P,D,AU/US	P,D,AU/US	P,D,AU/US
2	Percentage Schedule Available to Traffic	94.2%	93.7%	92.9%	93.8%
3	<u>Traffic breakdown by precedence</u>				
3a	FLASH	NIL	NIL	NIL	NIL
3b	IMMEDIATE	217	247	505	509
3c	PRIORITY	1906	1531	4024	4092
3d	ROUTINE	626	821	4571	4599
4	TOTAL messages In/Out	2749	2599	9100	9200
5	Numbers of ZFX	31	9	190	194

- NOTES:
1. P - Protected
S - Simplex, D - Duplex
AU - Australia, US - United States
 2. ZFX's not included in total number of messages

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Annex "B" to
110th Sig Sqn
R723-4-1
Dated Jan 68

110th SIGNAL SQUADRON DETACHMENT

SAIGON

MONTHLY REPORT

DECEMBER 1967

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3. TRAFFIC VOLUME - SIGNAL CENTRE
4. TRUNK TELEPHONE AVAILABILITY
5. CIRCUIT AVAILABILITY - SAIGON/NUI DAT
6. CIRCUIT AVAILABILITY - MELBOURNE/SAIGON
7. STATISTICAL DETAIL - MELBOURNE/SAIGON

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GENERAL

VISITS

1. During the month, the following personnel visited the detachment:
 - a. Sqn Ldr BACKHOUSE, RAAF
 - b. Lt M.D. BURKE, RNZ Sigs, who is undertaking communication instruction.

COMMUNICATIONS

SIGCEN

2. Traffic. The traffic volume this month fell to 12,304. This drop can be attributed to the Christmas holiday period.
3. Circuit. The circuit to the MRS is, at the moment, not completely satisfactory. One of the projects in the New Year will be to convert this circuit to voice frequency operation which should improve circuit quality.

MRS

4. Traffic. The traffic volume this month fell to 52,043. Again this drop is attributed to the Christmas holiday period.
5. Servicing Procedure. During the month, new instructions regarding service procedures on the Melbourne/Saigon circuit were implemented by HQ Austcan, the major change being the MRS serviced Melbourne Relay Station for re-runs and not originating stations. This procedure has greatly reduced the time delay involved in answers to service requests. However, the procedure is still at this stage on trial. In general a report on service requests from this station issued by Melbourne Relay Station for the period 1 - 15 Dec 67 has shown that approximately 50% of messages requiring service action are garbled before being transmitted to Saigon. The remaining 50% are attributable to the radio link Melbourne/Saigon.

TECHNICAL ASPECTS

HF RADIO

6. Transmitter Building. During the month, a User Requirement for this new building was completed and submitted. The building is to be located in the present Sqn HQ area and will have facilities for three transmitters.
7. Reserve Systems. AN/GRC-106 back-up radio equipment for the G2 Hot Line, Phan Rang circuit and Saigon-Nui Dat circuit has now been installed in the System Control Area. Antennas are being erected and tests will be carried out, on a regular basis in Jan 68. Remote Control facilities for these reserve systems are now being installed.

VHF RADIO

8. G2 Monitor. This project has been successfully completed and a reliable, high quality monitor facility is now available to the G2.

/MAINTENANCE

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MAINTENANCE

9. Cryptographic Equipments. This month, repair of crypto equipments was accepted by a new US unit, 455 Sig Det at Tan Son Nhut. An immediate difference in terms of reduced maintenance times was apparent and service to date has been excellent.

10. Telegraph Consoles. New AN/TGC-5 receive and send consoles were received, specifically for the telegraph workshop for testing purposes. These equipments are now being installed.

MISCELLANEOUS

STORAGE FACILITIES

11. Unused telegraph equipment, transit cases and accountable leads have now been stored in locked connex containers.

PERSONNEL

12. This month has seen a great exodus of experienced personnel, and the welcome sight of replacements. More personnel are expected to arrive in Jan 68 and as vacancies on the new establishment are filled, the work load will become easier.

WELFARE

13. CO's Hour. A CO's Hour was held on 22 Dec 67.
Subject: Drink and Drugs. Lecturer: Chaplain Gardiner.

3 Jan 68

R. Eather
(R.F. EATHER)
Capt
OC

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APPENDIX 1.

CIRCUIT DATA SUMMARY - MAJOR RELAY STATION SAIGON

1 - 31 DEC 67

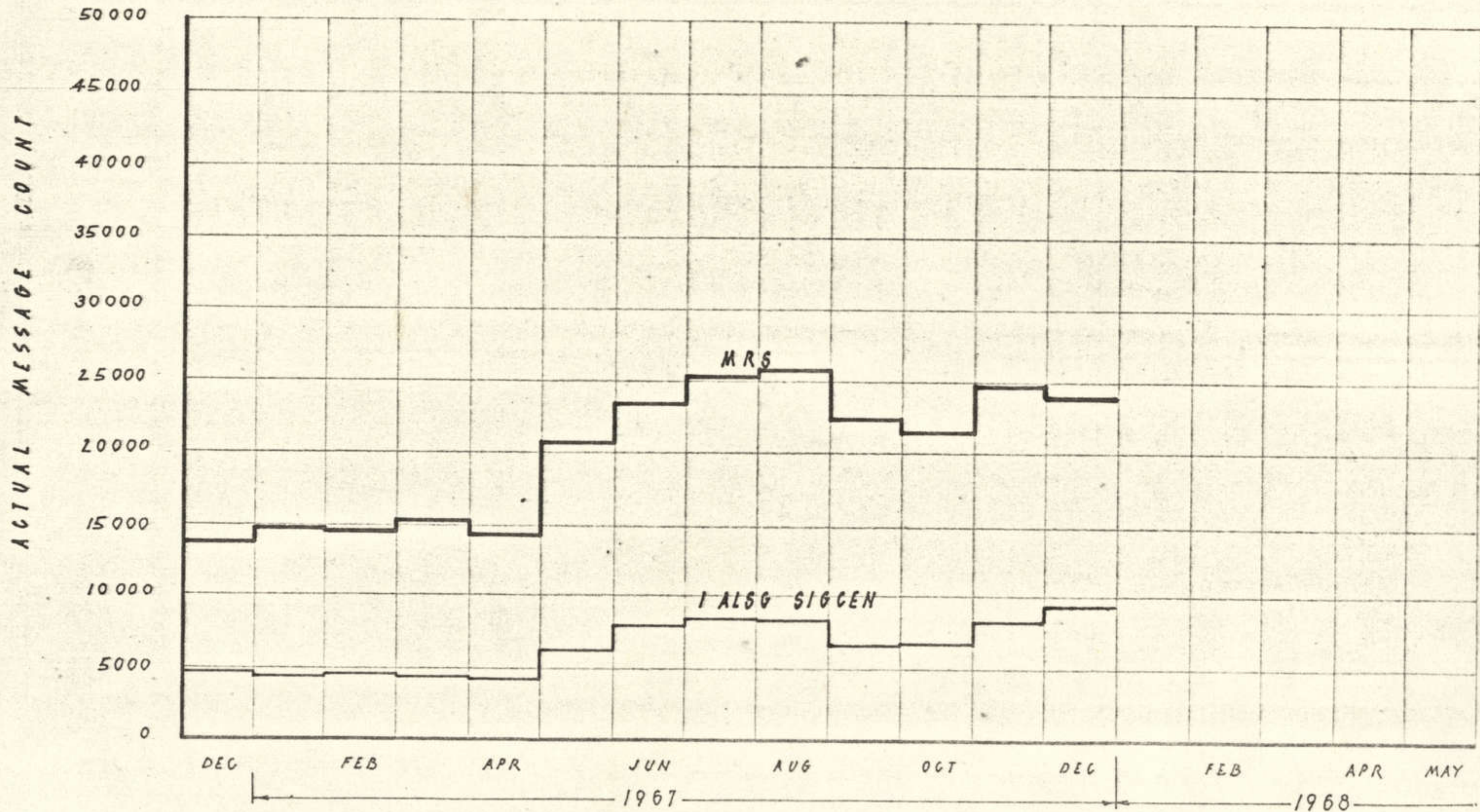
Circuit	Bearer	Circuit Availability		Traffic Data - Total Messages IN and OUT						TOTAL	ZFX, ZIG ZFR	
		Hrs/Day	%	FLASH	IMMEDIATE		PRIORITY		ROUTINE			
				No	No	%	No	%	No			%
NUI DAT	US Hired circuit (microwave/ AN/TRC-24 line)	22.7	94.6		399	6	2431	35	3746	59	6576	99
HQ AFV SIGCEN	Aust Line	22.4	93.3		827	7	4074	32	7403	61	12304	44
PHAN RANG	US Hired circuit (troposcatter/ microwave)	22.9	95.4		126	3	2118	57	1245	40	3489	84
MELBOURNE	Aust HF Radio	20.9	87.1	2	2023	12	6045	34	9714	54	17784	253
PHU LAM	US Hired circuit (microwave/ land line)	23.5	98.0		399	16	1934	74	227	10	2560	29
VUNG TAU	Aust AN/TRC-24	22.7	94.6		468	5	4067	44	4795	51	9330	60
				2	4242	8	20669	40	27130	52	52043	369
											52612	

NOTES:

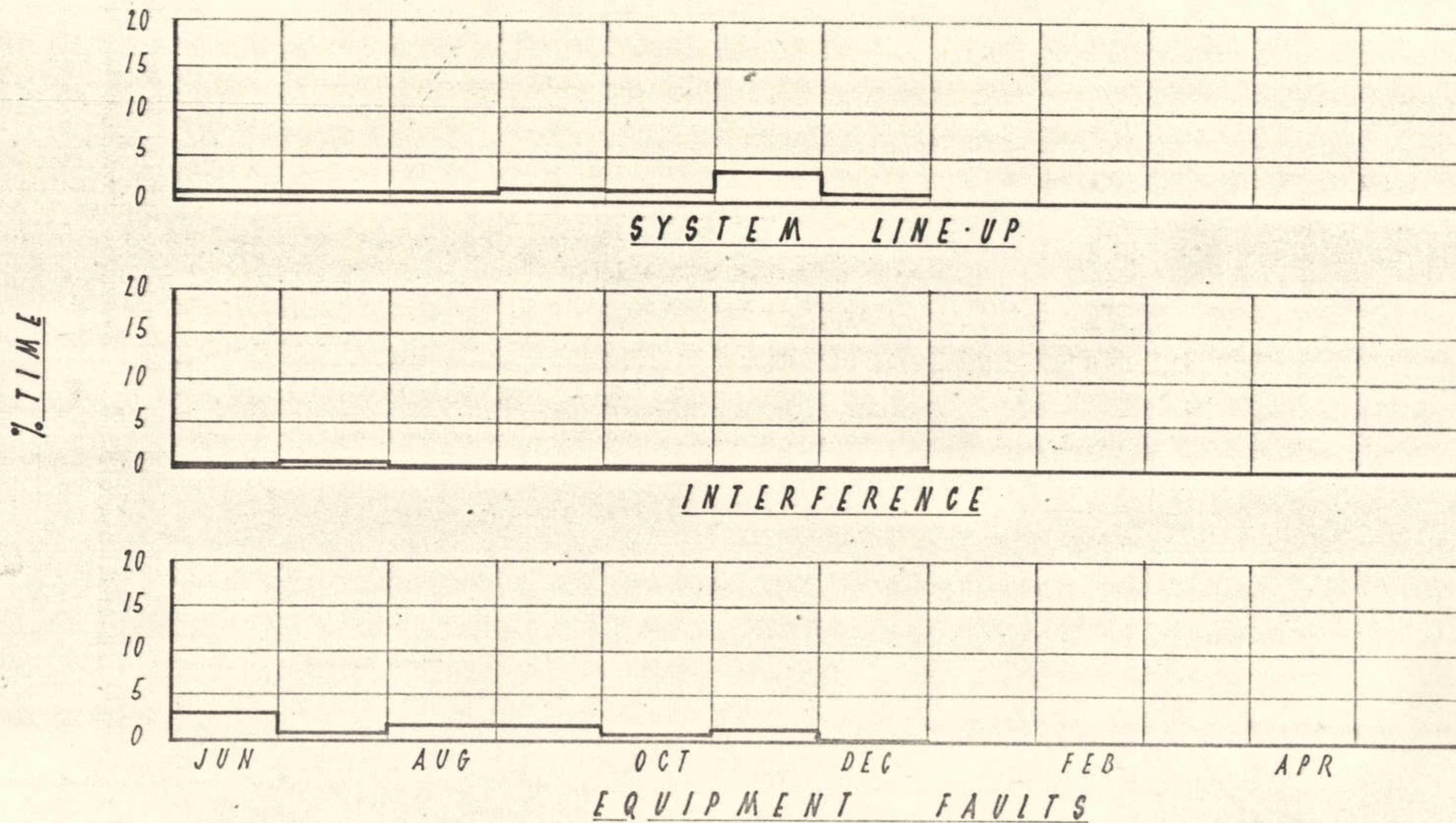
- All circuits continuous, protected and full duplex
- Back up to NUI DAT line is Aust AN/TRC-24
- Traffic data is "live" traffic by actual message count. ZFX, ZIG and ZFR are added in the last column to make the data compatible with other AUSTCAN statistics.

MONTHLY TRAFFIC
 VUNG TAU MRS/SIGCEN

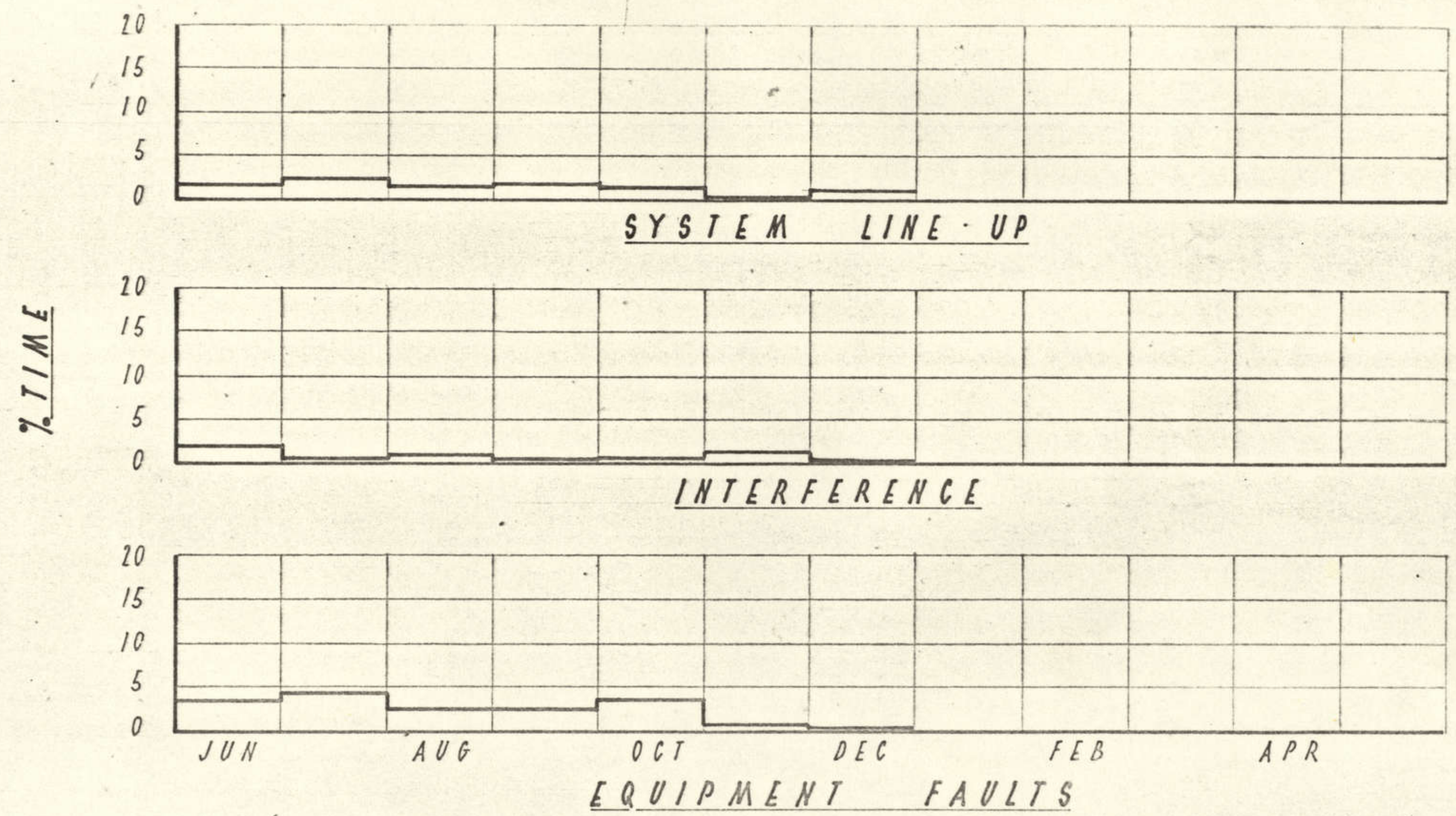
APPENDIX 2 TO
 ANNEX 'A' TO
 MONTHLY REPORT



RADIO RELAY OUTAGES
VUNG TAU - TASK FORCE

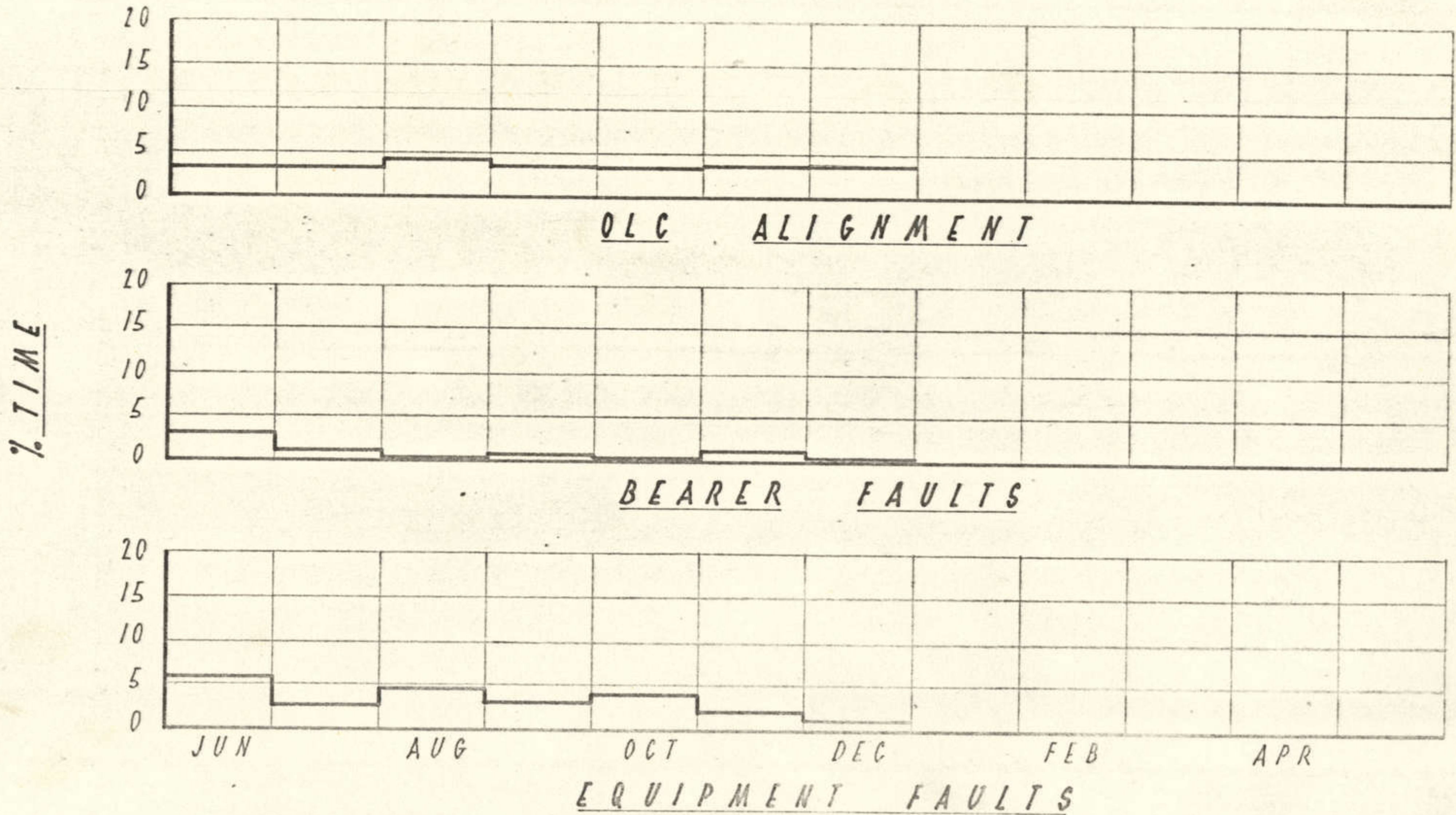


RADIO RELAY OUTAGES
VUNG TAU - SAIGON

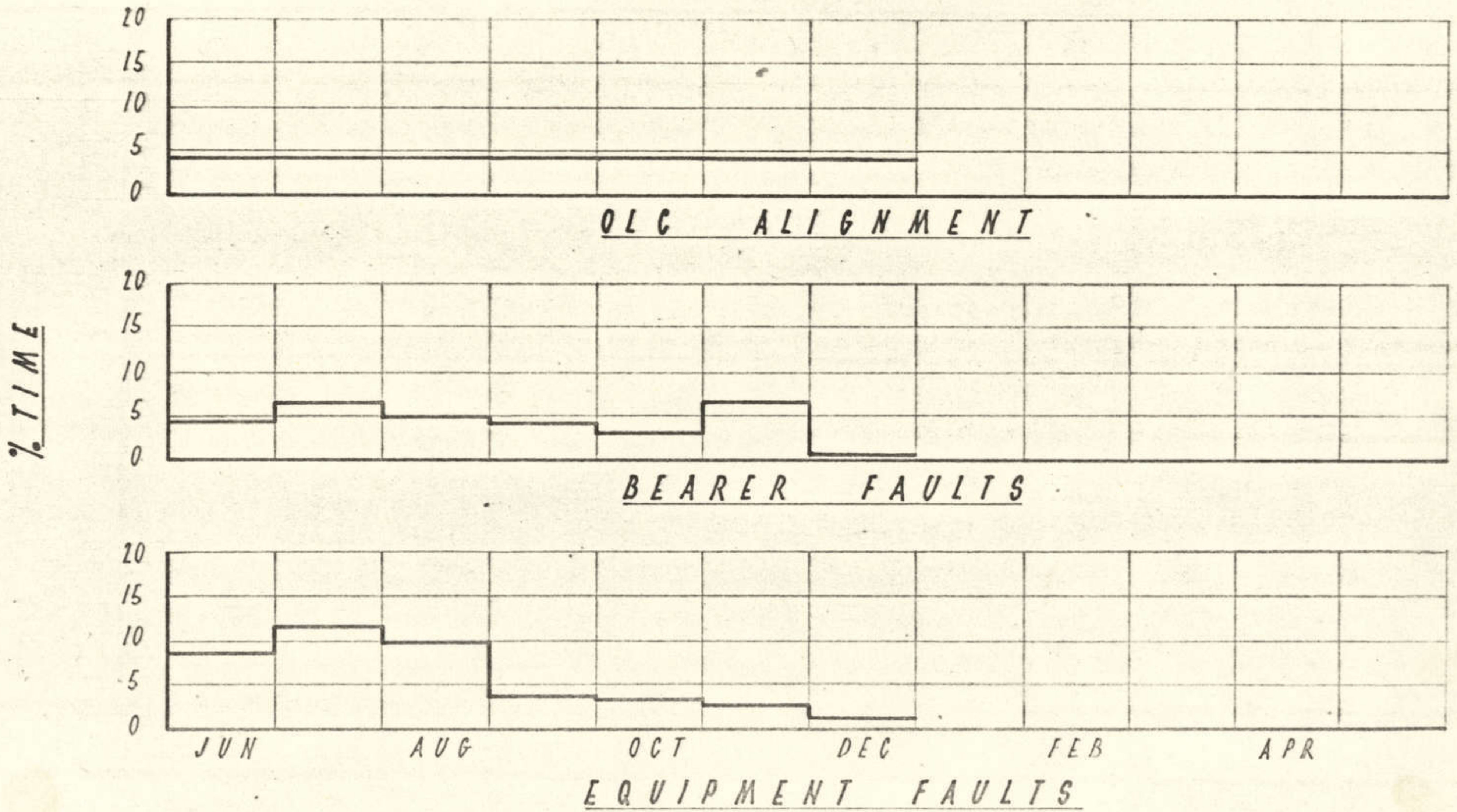


TRAFFIC OUTAGES
YUNG TAU — TASK FORCE

APPENDIX 5



TRAFFIC OUTAGES
YUNG TAU - SAIGON



APPENDIX 7

DAILY CIRCUIT AVAILABILITY - MELBOURNE

1 - 31 DEC 67

Date	IN				OUT					
	Available	Outages				Available	Outages			
1	20.1	QRM 1.0	QSN .9	OC .2	RLU .8	20.3	RLU 1.4	OA .8	QSN .2	QSY 1.3
2	21.0	QRM 2.6	OC .1	OA .3		21.4	RLU 1.7	OA .3	QSY .6	
3	23.7	QRM .1	OA .2			23.2	OA .2	QSB .3	QSY .2	RLU .1
4	25.3	OA .2	QRM .5			23.0	OA .2	TL .8		
5	20.2	QRM .3	OA .4	OC .2	QRM 1.2	21.0	TL .1	OA .4	RLU 2.5	QSB 1.7
6	17.3	QRM .3	OC .1	TL .3	OA .5	20.7	OA .5	OC .3	QSB 2.5	RLU .2
7	19.3	RLU .9	TL .4	TD .2	OA .4	20.6	RCD .9	OA .4	RLU 2.1	QRM 2.1

Date	IN		OUT		
	Available	Outages	Available	Outages	
8	20.5	OA .9 QRM 2.5	21.2	OA .9 RLU 1.9	
9	22.7	TD .7 OA .1 QRM .5	23.2	TD .7 OA .1	
10	19.8	QRM 2.7 RLU .9 OC .1	21.4	RLU 1.1 OA .6 QRM .9	
11	21.7	OA 0.4 QRM 1.7 QSB .2	22.0	OA .4 RLU 1.6	
12	17.5	OA .4 QRM 5.3 QSB .8	23.4	OA .4 TD .2	
13	13.7	QRM 9.6 OL .2 OA .3	23.3	RLU .2 OA .3 QRM .2	
14	20.6	TD 1.3 QRM .8 RLU .7	20.9	RLU 1.6 TD .2 OP .1	OA .5 RCL .7

Date	IN				OUT			
	Available	Outage			Available	Outage		
15	19.3	RLU 1.5 OA .4 QRM 2.1	TL .7		20.5	ZGN .3 OA .4 OC .4	QRM 1.5 TD .2 RLU .7	
16	19.6	QRM 2.3 TD .1 OA .4	OC 1.6		21.3	TD .2 QSB .6 OA .6	RLU 1.3	
17	21.0	OC 1.3 OA .2 QRM 1.5			18.7	OA .2 RL 1.1 QRM .7	QSY 1.3 QRN 1.6 ZGN .4	
18	20.7	HL .3 OA .3 QRM .3	RLU .3 OC 1.8 HE .3		21.6	HL .1 OA .3 QRM .2	RL .3 RLU 1.5	
19	22.8	HE .2 OA .3 RLU .1	QSB .3 RD .3		22.0	HE .2 OA .3 TD .3	OC .7 RLU .5	
20	20.5	HE .1 OC .6 OA .3	QRM 2.2 QRN .3		22.3	RLU .6 OA .3 TD .8		
21	22.3	OA .3 QSY .2 QRM 1.2			23.1	TL .2 OA .3 RLU .4		

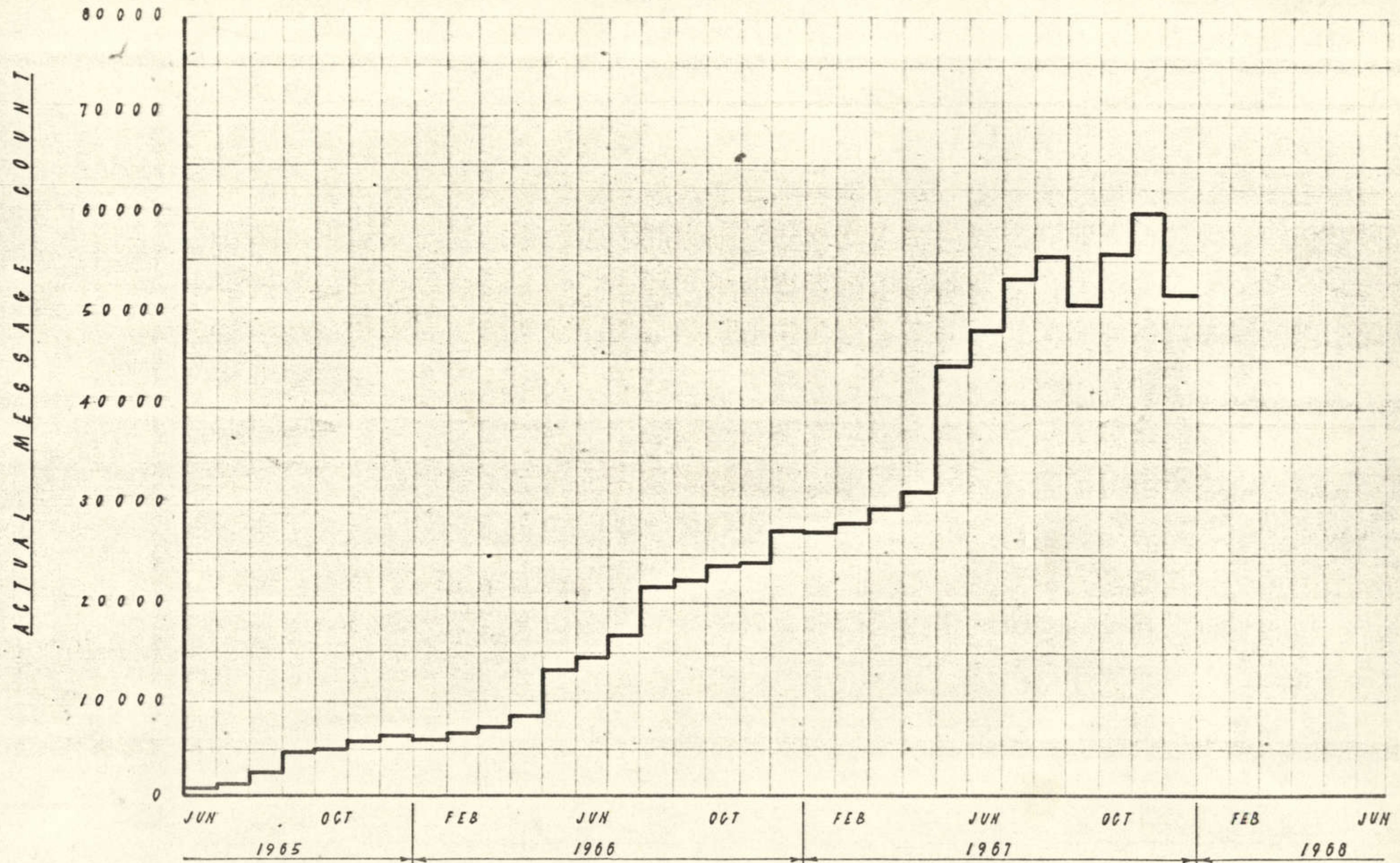
Date	IN		OUT		
	Available	Outage	Available	Outage	
22	22.3	OA .3 QSY .2 QRM 1.2	23.1	TL .2 OA .3 RLU .4	
23	22.6	RL .4 OA .4 TL .6	22.8	OA .4 OC .8	
24	23.4	HL .1 QRM .5	23.5	RLU .5	
25	23.2	QRM .7 OA .1	23.9	OA .1	
26	18.9	QRM 1.2 OA 1.5 RLU 1.7	17.9	RLU .5 OA 1.5 QSY .8	OC 2.3 RLU .4 RL .6
27	21.4	QPM 2.1 RLU .2 OA .1	18.6	QSY 2.2 TL .2 RD .3	TD .1 OC 1.2 OA .1 QRM 1.3
28	16.9	QRM 1.5 OA .7 OC .3	16.9	QSB .2 QRM 4.5 RLU .5	QSY .9 OA .7 OC .3

Date	IN		OUT	
	Available	Outage	Available	Outage
29	22.1	OA .4 RLU .7 QRN .8	20.9	OA .4 RL .2 QSB 1.3 RLU .7 QSY .5
30	21.8	OA .2 RLU 1.0 QRN 1.0	21.3	QSY .5 RLU .1 OC 2.0 OA .1
31	15.8	OA .4 QRM 7.2 OC .4	14.2	OA .4 OC 3.6 RLU 5.8

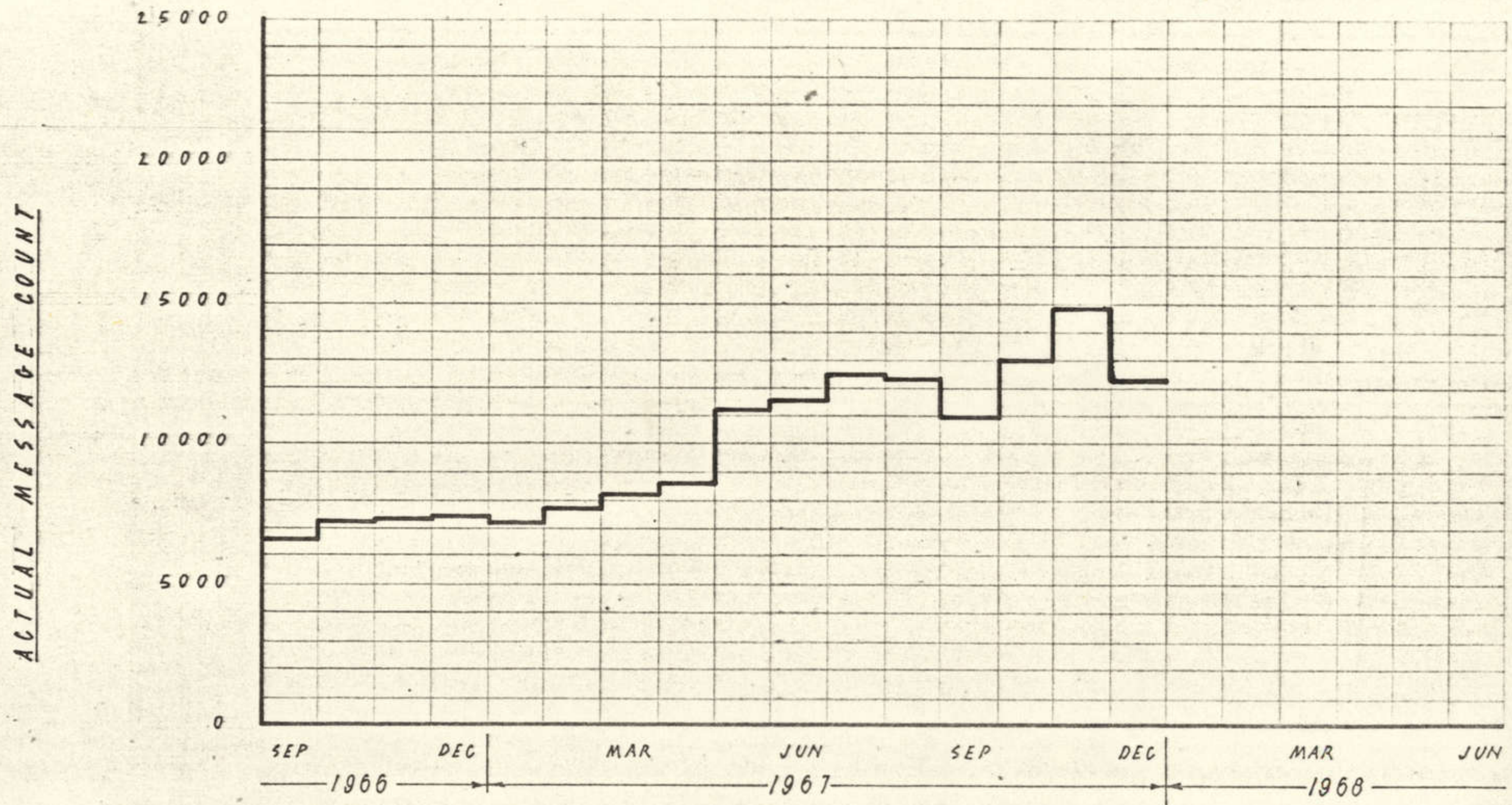
HOURS SCHEDULED : 744.0
 HOURS AVAILABLE : 637.6
 AVAILABILITY : 85.7%
 JUL - DEC 66 AVERAGE : 83.2%

HOURS SCHEDULED : 744.0
 HOURS AVAILABLE : 657.9
 AVAILABILITY : 88.4%
 JUL - DEC 66 AVERAGE : 80.0%

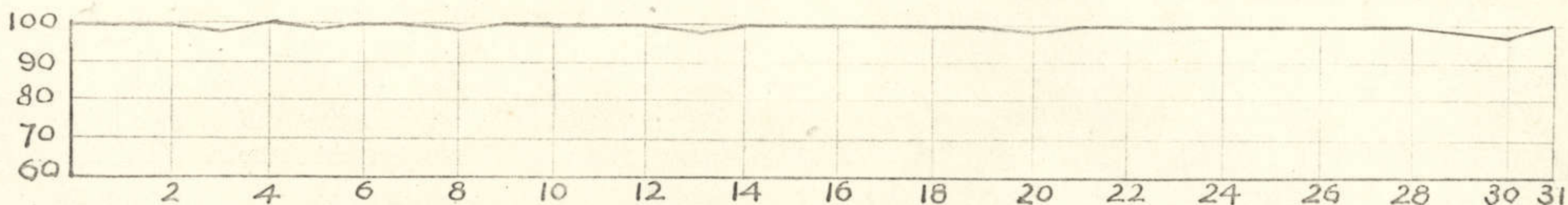
TRAFFIC VOLUME — MAJOR RELAY STATION SAIGON



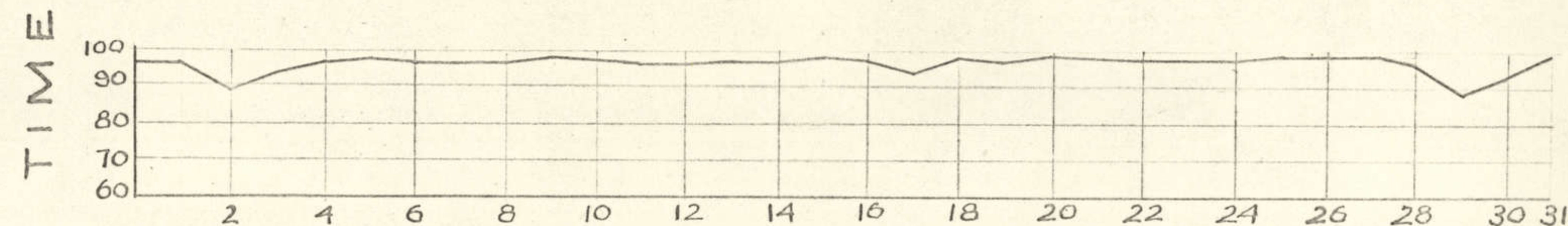
TRAFFIC VOLUME — SIGNAL CENTRE SAIGON



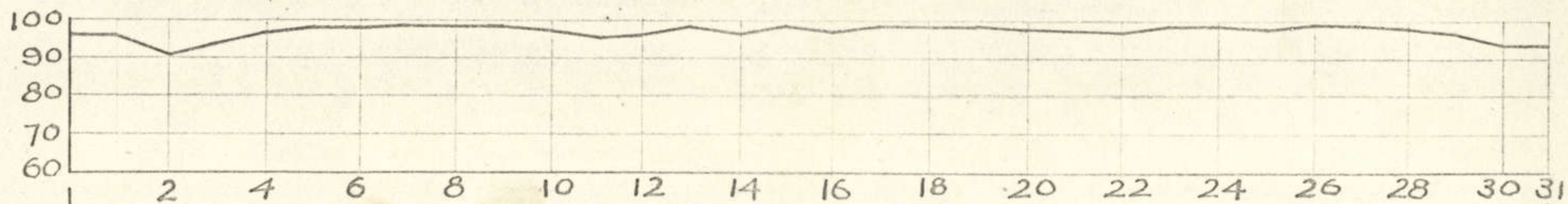
TRUNK TELEPHONE AVAILABILITY



G2 HOT LINE



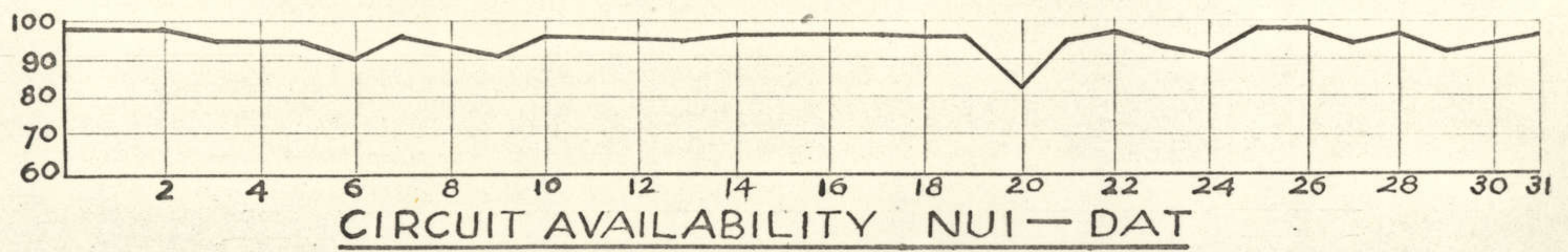
DEER EBONY TRUNKS



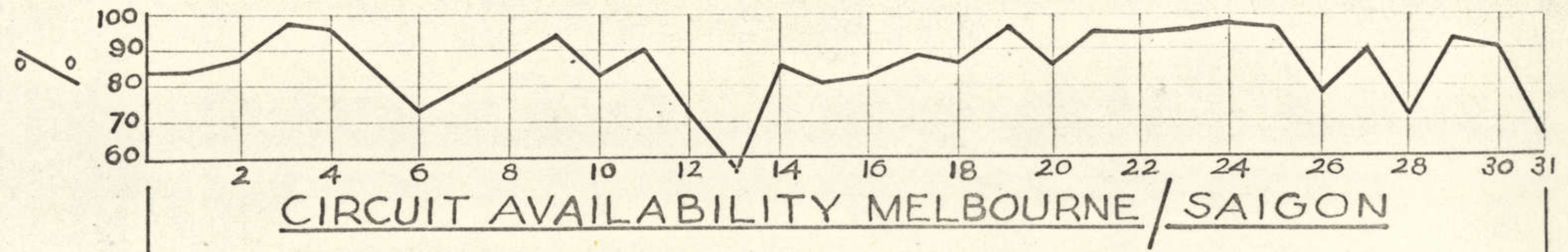
DEER EMU TRUNKS

DAYS 1 TO 31

CIRCUIT AVAILABILITY



TIME



←————— DAYS 1 TO 31 —————→

110th Signal Squadron

UNIT MANNING AS AT - 31 DEC 67

DEFICIENT

110 Sig Sqn SAIGON Det

WO1	SigGen Supvr	23329	WO2	K. PEARSON
Cpl	DR	VACANT/Sig	HYLAND	
Cpl	Clerk Sigs	3788890	Lcpl	C.L. CARTER
Cpl	OKC	55210	Sig	D.J. HEATH
Cpl	OKC	5714256	Lcpl	J.R. BRAIMBRIDGE
Cpl	TECH(ELEC)	3790218	Sig	R.W. SHUEY
Cpl	TECH(ELEC)	VACANT/Sig	SUTTON	
Cpl	TECH(ELEC)	1200736	Sig	J.W. COLE
Cpl	TECH(ELEC)(CIPHER)	VACANT/Cpl	SNOWDEN	
Cpl	TECH(ELEC)(CIPHER)	54744	Sig	R.W. PARLOR
Cpl	Tech(ELEC)(CIPHER)	VACANT		
Cpl	TECH(ELEC)CIPHER)	VACANT		
Sig	Clerk Sigs	VACANT		
Sig	DR	VACANT/Sig	CLARKE	
Sig	OP(KBD)	VACANT/Sig	RITCHIE	
Sig	OP(KBD)	VACANT/Sig	McMILLAN	
Sig	OP(KBD)	VACANT/Sig	O'BRIEN	
Sig	OP(KBD)	VACANT/Sig	ROWAN	
Sig	OP(KBD)	VACANT/Sig	WILLIAMS	
Sig	OP(KBD)	VACANT/Sig	McCARTHY	
Sig	OP(KBD)	VACANT/Sig	STACEY	
Sig	OP(KBD)	VACANT		
Sig	OKC	VACANT/Sig	McDONALD	
Sig	OKC	VACANT/Sig	COCHRANE	
Sig	OKC	VACANT		
Sig	OKC	VACANT		
Sig	OKC OKC	VACANT		
Sig	OKR	VACANT		
Sig	TECH(ELEC)	VACANT		
Sig	TECH(ELEC)	VACANT		
Sig	TECH(ELEC)(CIPHER)	VACANT		
Sig	TECH(Sigs)	VACANT		
Sig	TECH(Sigs)	VACANT		

A total of 13 Vacancies exist with no members posted to them.

DEFICIENT

110 Sig Sqn VUNG TAU Det

WO1	SigGen Supvr	VACANT/Ssgt	LYONS	
WO1	SigGen Supvr	35472	WO2	E.B. HARDIMAN
Sgt	OP(SWBD)	1200736	Cpl	D.L. KIRKPATRICK
Cpl	Clerk Sigs	3411973	Sig	P.N. ANSETT
Cpl	DVR	38724	Sscpl	B.J. BILLING
Cpl	OKC	38665	Sig	A.H. BOWDEN
Cpl	OKC	VACANT		
Cpl	OKC	VACANT/Cpl	CHELL	
Cpl	OKC	18401	Sig	G.E. PETERS
Cpl	TECH(ELEC)	2785926	Sig	I.J. MUNRO
Cpl	TECH(ELEC)	216760	Sig	P.J. DUFF
Cpl	TECH(ELEC)	VACANT		
Cpl	TECH(ELEC)	VACANT		

...../Sig DR

Sig	DR	VACANT/Sig GILL
Sig	DVR	VACANT/Sig BUTTERWOETH
Sig	LMN(Fd)	VACANT
Sig	LMN(Fd)	VACANT
SIG	OP(KBD)	VACANT
SIG	OKC	VACANT
Sig	OKC	VACANT
Sig	OKR	VACANT/Sig SHORT
Sig	OKR	VACANT/Sig BARDWELL
Sig	OKR	VACANT/Sig CRIGHTON
Sig	OP(SWBD)	VACANT
Sig	OP(SWBD)	VACANT
Sig	TECH(ELEC)	VACANT
Sig	TECH(ELEC)	VACANT
Sig	TECH(ELEC)	VACANT
Sig	TECH(ELEC)	VACANT

A total of 14 Vacancies with no members posted to them.

ATTACHED POSTED STRENGTH

DEFICIENCIES

RAE

Cpl	ELEC MECH	VACANT
Cpl	ELEC MECH	VACANT
Spr	ELEC MECH	VACANT

RAAOC

Sgt	STMN TECH(ORD)	VACANT
-----	----------------	--------

AACC

Pte	COOK	VACANT/Pte PARROTT
-----	------	--------------------

SURPLUS TO ESTABLISHMENT

1344	Sgt A.J. COTTERELL	Gp 5 Clerk(ORD)	NO VACANCY
64511	Sgt J.R. MCKENNER	Gp 6 OKC	NO VACANCY
3788445	Sig B.H. SNELL	Gp 2 Hyg DtyMn	NO VACANCY

File: R333-2-1 (41)

110 SIGNAL SQUADRON
WEEKLY STRENGTH RETURN

AS AT 2359 HRS TUES .5 Dec. 67.

OFFICERS				WO'S			RANK AND FILE						TOTAL ALL RANKS	
Maj	Capt	Lt	TOTAL	WO1	WO2	TOTAL	Ssgt	Sgt	Cpl	Lcpl	Sigs	TOTAL		
1	4	3	8	4	4	8	4	23	60	20	129	236	252	ESTABLISHMENT
1	4	3	8	1	7	8	4	22	41	19	113	199	215	POSTED STRENGTH
					3	3							3	SURPLUS
				3		3		1	19	1	16	37	40	DEFICIENCIES

[Signature]
Maj
OC 110 Sig Sqn

SURPLUS

SEE ATTACHED

DEFICIENCIES

SEE ATTACHED

ATTACHMENTS

LOCAL

38548	Sgt P.W. BARNHAM	Hq NZAF
100374	Cpl K.A. GANWOOD	Hq NZAF
2412192	Loplt A.G. HUTCHINS	104 Sig Sqn
1731960	Sig E.G. WILMOTT	" " "

AHQ

13941 WO2 J.P. RING Sch of Signals.

SURPLUS AND DEFICIENCIES

5 DEC 67

HQ 110th Sig Sqn

Surplus

Sig Hyg Dtmn 3788445 Sig B.H. SNELL (Vacancy no longer exists on establishment)

Deficiencies

WO1	F of Sigs	1957	WO2 J.L. BOOTH
Cpl	Dvr	38177	Lcpl G.R.TAYLOR
Cpl	Elec Mech	55271	Spr P.A.PERRY
Cpl	Cook	VACANT	
Cpl	Elec Mech	VACANT	
Cpl	Elec Mech	VACANT	
XXXX			
XXXX Pte	Cook	VACANT	
Spr	Elec Mech	VACANT	

Saigon Detachment

WO1	Sigcen Supvr	33667	WO2 J.N. LEASK
Cpl	OKC	3788067	Sig I.C. ANDERSON
Cpl	OKC	5714256	Lcpl J.R.BRAINBRIDGE
Cpl	TE	2784172	Sig G.A. GAILER
Cpl	TE	1200736	Sig J.W. COLE
Cpl	Clerk Sigs	3788890	Lcpl C.L.CARTER
Cpl	DR	VACANT	
Cpl	TE (C)	54744	Sig R.W. PARLOR
XX Cpl	TE (C)	VACANT	
Cpl	TE (C)	VACANT	
CPH	Tech Sigs	1200813	Lcpl D.R.HAWTIN
Cpl	Lmn Fd	2412315	Lcpl P.C.YOUNG
Sig	OKC	VACANT	
Sig	OKC	VACANT	
Sig	OKC	VACANT	
Sig	OKC	VACANT	
Sig	OKC	VACANT	
Sig	OKC	VACANT	
Sig	OKC	VACANT	
Sig	OK	VACANT	
Sig	OK	VACANT	
Sig	OK	VACANT	
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Sig	OK	VACANT	
Sig	OK	VACANT	
Sig	OK	VACANT	
Sig	OK	VACANT	
Sig	OK	VACANT	
Sig	OK	VACANT	
Sig	OKR	VACANT	
Sig	DR	VACANT	
XXXXXX			
Sig	Clerk Sigs	VACANT	
Sig	TE	VACANT	
Sig	TE (C)	VACANT	
Sig	Tech Sigs	VACANT	
Sig	Tech Sigs	VACANT	

Vung Tau Detachment - Deficiencies

WO1	Sigcen Supvr	35472	WO2	E.B. HARDIMAN
Sgt	Op Swbd	61486	Cpl	P.R. WILLCOX
Cpl	Dvr	38724	Lcpl	B.J. BILLINGS
Cpl	OKC	VACANT		
Cpl	OKC	61511	Sgt	J.R. MCKENNER
Cpl	TE	VACANT		
Cpl	TE	VACANT		
Cpl	TE	VACANT		
Sig	Stmn Tech Sigs	VACANT		
Sig	OKC	VACANT		
NS Sig	Op Swbd	VACANT		
Sig	Op Swbd	VACANT		
Sig	DR	VACANT		
Sig	Lmn Fd	VACANT		
Sig	Lmn Fd	VACANT		
Sig	TE	VACANT		
Sig	TE	VACANT		
Sig	TE	VACANT		
Sig	TE	VACANT		

Deficient Lcpls 6

SURPLUS TO ESTABLISHMENT - Replacements already in theatre

215687	Cpl	T.J. JENNER
3788029	Cpl	A.T. BURMAN
43148	Cpl	R.A. DEWING
1731688	Lcpl	J.J. PATERSON
2783626	Sig	B.W. FERGUSON
3787871	Sig	W.P. GOLDSTONE
5714194	Sig	G.R. SKUTHORP

File: R333-2-1 (42)

110 SIGNAL SQUADRON
WEEKLY STRENGTH RETURN

AS AT 2359 HRS TUES **12. Dec. 67.**

OFFICERS				WO'S			RANK AND FILE						TOTAL ALL RANKS	
Maj	Capt	Lt	TOTAL	WO1	WO2	TOTAL	Ssgt	Sgt	Cpl	Lcpl	Sigs	TOTAL		
1	4	3	8	4	4	8	4	23	60	20	129	236	252	ESTABLISHMENT
1	4	3	8	1	7	8	4	24	41	18	112	119	215	POSTED STRENGTH
					3	3		1				1	4	SURPLUS
				3		3			19	2	17	38	41	DEFICIENCIES

J. Dickson Capt / OC
Maj
OC 110 Sig Sqn

SURPLUS

SEE ATTACHED

DEFICIENCIES

SEE ATTACHED

ATTACHMENTS

LOCAL

38548 Sgt P.W. EARSMAN HQNZAF
100374 Cpl K.A. GARWOOD "
2412192 Lcpl A.G. HUTCHENS 104 Sig Sqn

AHQ

13941 WO2 JF. RING Sch of Signals

SURPLUS AND DEFICIENCIES

12 DEC 67

HQ 110th Sig Sqn

Surplus

Sig Hyg Dtmn 3788445 Sig B.H. SNELL (Vacancy no longer exists on establishment)

Deficiencies

WO1	F of Sigs	1957	WO2	J.L. BOOTH
Cpl	Dvr	38177	Lcpl	G.R. TAYLOR
Cpl	Elec Mech	55271	Spr	P.A. PERRY
Cpl	Cook	VACANT		
Cpl	Elec Mech	VACANT		
Cpl	Elec Mech	VACANT		
Pte	Cook	VACANT		
Spr	Elec Mech	VACANT		

Saigon Detachment

WO1	Sigcen Supvr	33667	WO2	J.N. LEASK
Cpl	OKC	3788067	Sig	I.C. ANDERSON
Cpl	OKC	5714256	Lcpl	J.R. BRAINBRIDGE
Cpl	TE	2784172	Sig	G.A. GAILER
Cpl	TE	1200736	Sig	J.W. COLE
Cpl	Clerk Sigs	3788890	Lcpl	C.L. CARTER
Cpl	DR	VACANT		
Cpl	TE (C)	54744	Sig	R.W. PARLOR
Cpl	TE (C)	VACANT		
Cpl	TE (C)	VACANT		
Cpl	Tech Sigs	1200813	Lcpl	D.R. HAWTIN
Cpl	Lmn Fd	2412315	Lcpl	P.C. YOUNG
Sig	OKC	VACANT		
Sig	OKC	VACANT		
Sig	OKC	VACANT		
Sig	OKC	VACANT		
Sig	OKC	VACANT		
Sig	OK	VACANT		
Sig	OK	VACANT		
Sig	OK	VACANT		
Sig	OK	VACANT		
Sig	OK	VACANT		
Sig	OK	VACANT		
Sig	OK	VACANT		
Sig	OKR	VACANT		
Sig	DR	VACANT		
Sig	Clerk Sigs	VACANT		
Sig	TE	VACANT		
Sig	TE (C)	VACANT		
Sig	Tech Sigs	VACANT		
Sig	Tech Sigs	VACANT		

/o Vung Tau

Vung Tau Detachment - Deficiencies

WO1	Sigcen Supvr	35472	WO2	E.B. HARDIMAN
Sgt	Op Swbd	61486	Cpl	P.R. WILLCOX
Cpl	Dvr	38724	Lcpl	B.J. BILLING
Cpl	OKC	VACANT	Sgt	J.R. MCKENNER
Cpl	OKC	61511	WO1	
Cpl	TE	VACANT		
Cpl	TE	VACANT		
Cpl	TE	VACANT		
Sig	Strm Tech Sigs	VACANT		
Sig	OKC	VACANT		
Sig	Op Swbd	VACANT		
Sig	Op Swbd	VACANT		
Sig	DR	VACANT		
Sig	Lmn Fd	VACANT		
Sig	Lmn Fd	VACANT		
Sig	TE	VACANT		
Sig	TE	VACANT		
Sig	TE	VACANT		
Sig	TE	VACANT		

Deficient Lcpls - 6

SURPLUS TO ESTABLISHMENT - Replacements already in theatre

215687	Cpl	T.J. JENNER
3788029	Cpl	A.T. BURMEN
2783626	Sig	B.W. FERGUSON
3787871	Sig	W.P. GOLDSTONE
342758	Sgt	R.N. WILSHIER
14986	Sgt	R.F. THORNE
4410860	Lcpl	M. REILLY

File: R333-2-1 ()

110 SIGNAL SQUADRON
WEEKLY STRENGTH RETURN

AS AT 2359 HRS TUES .19.DEC.67

OFFICERS				WO'S			RANK AND FILE						TOTAL ALL RANKS	
Maj	Capt	Lt	TOTAL	WO1	WO2	TOTAL	Ssgt	Sgt	Cpl	Lcpl	Sigs	TOTAL		
1	4	3	8	4	4	8	4	23	60	20	129	236	252	ESTABLISHMENT
1	4	4	9	1	9	10	4	22	38	12	108	184	203	POSTED STRENGTH
		1	1		5	5							6	SURPLUS
				3		3		1	22	8	21	52	55	DEFICIENCIES

J. Ockone Capt 1st
Maj
OC 110 Sig Sqn

SURPLUS

Sig	SNELL	NO VACANCY
Sgt	McKENNER	NO VACANCY
WO2	BOOTH	} Replacements in Theatre
WO2	LEASK	
WO2	HUTCHISON	
LT	TRAVIS	

DEFICIENCIES

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ATTACHMENTS

LOCAL

38548	Sgt P.W. EARSMAN	HQNZAF
100374	Cpl K.A. GARWOOD	HQNZAF

AHQ

13941	WO2 J.F. RING	School of Signals
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File: R333-2-1 (44)

110 SIGNAL SQUADRON
WEEKLY STRENGTH RETURN

AS AT 2359 HRS TUES . 26 Dec 67

OFFICERS				WO'S			RANK AND FILE						TOTAL ALL RANKS	
Maj	Capt	Lt	TOTAL	WO1	WO2	TOTAL	Ssgt	Sgt	Cpl	Lcpl	Sigs	TOTAL		
1	4	3	8	4	4	8	4	23	60	20	129	236	252	ESTABLISHMENT
1	4	3	8	1	6	7	4	21	40	12	108	185	209	POSTED STRENGTH
					2	2							2	SURPLUS
				3		3	2	20	8	21	51	54	54	DEFICIENCIES

~~XX~~ *J. O'Keefe* Capt
~~XX~~ 110 Sig Sqn
 Admin Cnd

SURPLUS

SIG B.H. SNELL	NO VACANCY
SGT J.R. MCKENNER	NO VACANCY
SGT A.J. COTTERELL	NO VACANCY

DEFICIENCIES

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ATTACHMENTS

LOCAL

38548	SGT P.W. EARSMAN	HQ NZAF
100374	CPL K.A. GARWOOD	HQ NZAF

AHQ

13941	WO2 J.F. RING	School of Sigs
36311	SSgt F.D. BARNES	HQ AFV