

Series: AWM95
Australian Army commanders' diaries
[Vietnam]

Signals units

Item number: 6/3/4

Item: 110 Signal Squadron

Narrative

Annexes

[1-31 Aug 1967]

COVERING LETTER

Reference No. R707 - 4 - 3

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)

Ma

Appointment

OC 110 Sig Sqn

(OC Unit or senior staff officer)

SECRET

Original — **ORIGINAL**
DUPLICATE

Strike out where
not applicable

COMMANDERS DIARY

OF

Unit or Formation..... 110 SIG SQN

From..... 1 AUG 67.

To 31 AUG 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

[illegible]

† ~~NIL~~
† RETAINED
† Despatched to

on.....

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

PART 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

1 orders given.

1e day's fighting, including company movements.

1mander with regard to equipment, tactics, organization

tential importance.

o officers, men and equipment.

oment 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.

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.

COMMANDERS DIARY NARRATIVE

AF-C 2118 (Adapted)

Revised Jun, 1965

MONTH AND YEAR AUGUST 1967

REFERENCE MAP

UNIT/FORMATION 110 SIG SQN

COMMANDING OFFICER MAJ E.H. HYNES

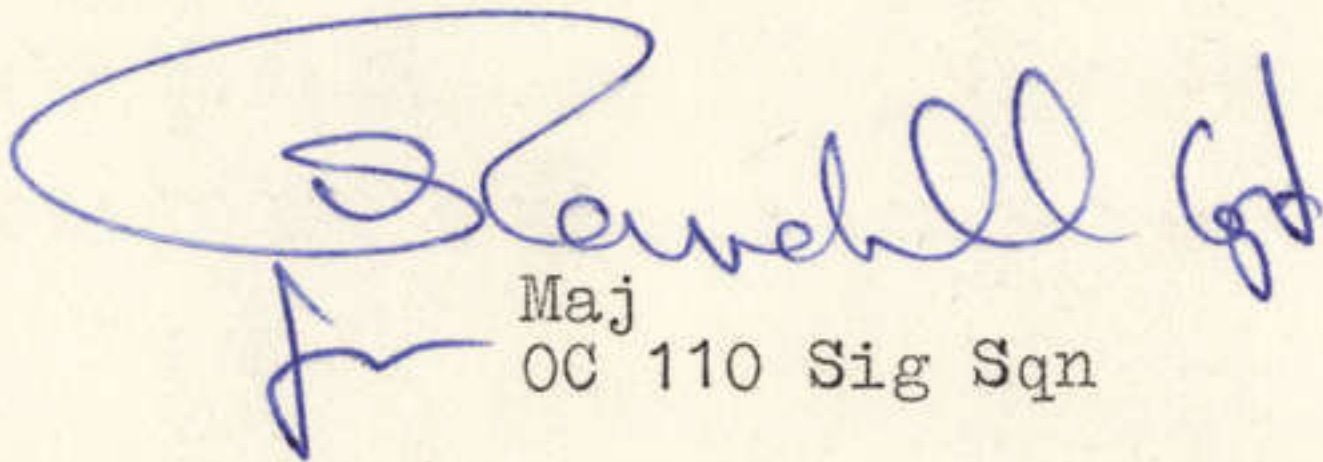
Place and grid reference	Date	Time	Event or information	Annex letter and enclosure number
VC HILL	2 Aug		Road to new location on VC Hill progressing slowly. Engineers' work slowed by heavy rocks just under surface.	0 1
PHU THO	5 Aug		Sandbag star picket behind transmitter building penetrated power cabling to one E 513 tx and air conditioner. No power until new cable laid 6 hours later.	0 1
SAIGON	8 Aug		Request received from HQ AFV for permanent AN/PRC 25 monitor of 1 ATF command net. To be remoted to GSO 2's Office when AN/GRA 39 obtained from 2 Comp Ord Depot	01
SAIGON - VC HILL	10 Aug		Aust radio relay system Saigon - VC Hill subject to heavy interference from unidentified station	0 1
VUNG TAU	15 Aug		U.S. truck in 1 ALSG area cut 200 pair cable carry all telegraph and telephone circuits to relay station and EMU switch. Repair time - 2 hours	0 1
SAIGON	20 Aug		Yagi antennas erected on FWMAO building for radio relay link to VC Hill. Comparison test showed little improvement. Antennas to be re-worked and spacing altered	0 1
VC HILL	24 Aug		Engineers from 1 ALSG complete road to VC Hill radio relay site and commence clearing site and surrounding area	0 1
SAIGON	25 Aug		D Sigs (Col HONEYSETT) arrives in theatre to visit signals units	0 1
VUNG TAU	27/28 Aug		D Sigs visited 1 ALSG area and Det 110 Sig Sqn (VUNG TAU)	0 1
SAIGON	29 Aug		D Sigs visited all Saigon installations of 110 Sig Sqn	0 1
VC HILL	30 Aug		Cut over to new site on VC Hill completed successfully	0 1

File: R333-2-1 (3)

110 SIGNAL SQUADRON
WEEKLY STRENGTH RETURN

AS AT 2359 HRS TUES 1 AUG 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	2	6	8	4	22	48	15	86	175	191	ESTABLISHMENT
1	4	3	8	1	7	8	3	13	32	21	102	171	187	POSTED STRENGTH
										6	16	22	22	SURPLUS
							1	2	16			26	26	DEFICIENCIES


Maj
OC 110 Sig Sqn

SURPLUS

18615 Lt L.R. DAWSON

DEFICIENCIES

See Attached

ATTACHMENTS

LOCAL

38216	Sgt	W. HOWATT	HQ HEPV
38447	Cpl	B.R. BROWN	HQ HEPV
5714255	Sig	A.H. BOOKER	104 Sig Sqn
39023	Sig	B.J. EDWARDS	104 Sig Sqn
55202	Sig	H.R. GIBB	104 Sig Sqn
1731699	Sig	P.H. ROBINSON	104 Sig Sqn
1200109	Sig	R.S. HOUGHTON	104 Sig Sqn
29843	Sgt	P.H. ROBERTS	HQ AFV

AHQ

35124	Sgt	A.H. SMITH	THEATRE SIGNS
1200907	Sig	B.H. HAWKINS	"
4118441	Sig	G.H. PHILLIPS	"
37563	Sig	R. VAILLON	"
5714194	Sig	G.H. SKUTHOUT	"
3411634	Sig	A.F. CHYKES	"
214623	Sig	R.J. FRANKS	"
6700714	Sig	T.O. TUBB	"
216371	Lop1	P.H. BLACKWELL	"
6124	Capt	D.B. HUALLEY	127 Sig Sqn
310928	WO1	J.T. MCCOBBERT	"
24357	Sgt	B.W. STAFFORD	"
42860	Sgt	G.J. WHITE	"
54431	Sgt	J.B. STRANDLY	"
58747	Sgt	D.W. KING	"
42215	Sgt	P.A. STAPLES	"
38430	Cpl	T.J. FELLOWS	"
54017	Cpl	W.S. LOUVIL	"
1200439	Sig	J.J. MELANDEI	"

SURPLUS AND DEFICIENCIES - 110 SIG SQN

<u>110 Sig Sqn</u>					
Cpl	Dttn	Sigs	1731785	Sig	I.J. FORREST
<u>503 Sig Tn</u>					
	Lan Pd		36767	Cpl	J.W. MARSHALL
Sgt	OK		61511	Cpl	J.R. MCKENNER
Sgt	Op Swbd		1200296	Cpl	D.L. KIRKPATRICK
Cpl	Clerk Sigs		2783537	Sig	D.J. HENDERSON
Cpl	Lan Pd		43846	Lop1	H.M. CHAPLIN
Cpl	OK		38665	Sig	A.K. BOWDEN
Cpl	OK		44058	Sig	G.P. CHRISTIE
Cpl	OK		3411866	Sig	P.D. RYAN
Cpl	OK		18410	Sig	G.E. PETERS
Cpl	Op Swbd		216430	Lop1	I.D. ROWLINGS
Cpl	Stmn Tech Sigs		VACANT		
Cpl	Tech Sigs		1200710	Lop1	B.J. DEAN
Cpl	Tech Elec		2783168	Sig	L.W. BRIDGES
<u>SURPLUS</u>					
Sig	OK		44115	Sig	J.A. BALL
<u>532 Sig Tn</u>					
Sgt	OKR		38464	Cpl	R. HEWITT
Sgt	OKR		124916	Cpl	A.D. MCKENZIE
Sgt	Tech Elec		2783947	Sig	D.R. DAVIE
Cpl	Stmn Tech Sigs		4410860	Lop1	H. REILLY
Cpl	Tech Elec		39533	Sig	W.L. KENNEDY
<u>557 Sig Tn</u>					
WO1	F of Sigs		1957	WO2	J.L. BOOTH
Sgt	Stmn Tech Sigs		27398	Cpl	B.L. O'CONNOR
Sgt	Tech Elec		243276	Cpl	D.J. FRY
Sgt	Tech Tg		54631	Cpl	B.T. SMITH
Cpl	Tech Elec		1200444	Sig	K.G. OLKINIK
Cpl	Tech Elec Cipher		214895	Sig	R.C. NELSON
<u>561 Sig Tn</u>					
Sgt	OK		37969	Cpl	M.S. CUSTANCE
Cpl	Lan Pd		38944	Sig	G.A. COOPER
Cpl	OK		38915	Lop1	G.M. HENSHAW
Cpl	OK		3411581	Lop1	P.T. LONG
Cpl	OK		3788472	Sig	G.P. WYATT
Sig	Dvr		VACANT		
<u>704 Sig Tn</u>					
Sgt	F of Sigs		37141	Sgt	A.D. RITCHIE
Sig	One Lop1		VACANT		
<u>709 Sig Tn</u>					
Sgt	OK		5410609	Cpl	D.M. MERRIMAN
Cpl	DR		VACANT		
Cpl	Tech Sigs		1200813	Lop1	D.R. HAWTIN
Cpl	Tech Elec		37464	Sgt	W.J. JOHNSON
Cpl	Tech Elec		1200758	Sig	J.H. McEVY
Cpl	Tech Elec		1200213	Sig	H. FRIEND
Cpl	Tech Elec		VACANT		
Cpl	Lan Pd		2412315	Lop1	P.C. YOUNG
Sig	DR		VACANT		
2 Sig	OK		VACANT		
Sig	One Lop1		VACANT		
<u>SURPLUS</u>					
Sig	Tech Elec		1731808	Sig	B.A. KUHN
Sig	Tech Elec		3790062	Sig	D.J. O'CONNOR

File: R333-2-1 (24)

110 SIGNAL SQUADRON
WEEKLY STRENGTH RETURN

AS AT 2359 HRS TUES 8 Aug 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	2	6	8	4	22	48	15	86	175	191	ESTABLISHMENT
1	4	3	8	1	7	8	3	13	36	23	95	170	186	POSTED STRENGTH
					1	1				8	9	17	17 ¹⁸	SURPLUS
				1		1	1	9	12			22	23	DEFICIENCIES

Maj
OC 110 Sig Sqn

SURPLUS

10615	1st	L.D. DAWSON
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DEFICIENCIES

See attached

ATTACHMENTS

LOCAL

30216	Sgt	R. HENRY	H. HGV
30417	Cpl	D.L. BROWN	H. HGV
5714255	Sig	A.J. BOWEN	104 Sig Sqn
1731099	Sig	P.H. ROBINSON	104 Sig Sqn
43026	Sgt	R.J. BAKER	104 Sig Sqn

AHQ

36124	Sgt	A.J. SMITH	THEATRE SIGNS
120907	Sig	R.L. HARRIS	"
4115417	Sig	G.H. PHILLIPS	"
37663	Sig	R. WALKER	"
5714194	Sig	G.H. SMITH	"
3411634	Sig	A.J. CHURCH	"
214623	Sig	D.J. PUGH	"
6700714	Sig	T.A. TUD	"
3700473	Sig	G.P. WENT	"
6124	Capt	D.H. HICKLEY	127 SIG Sqn
310920	101	J.P. BLOOMFIELD	"
24357	Sgt	D.H. STAFFORD	"
42010	Sgt	G.J. WHEAT	"
54131	Sgt	J.H. STANLEY	"
50747	Sgt	D.H. KING	"
42215	Sgt	P.A. STAPLES	"
30400	Cpl	T.J. FELLOWS	"
54017	Cpl	G.S. LOVELL	"
1200439	Sig	J.J. MELANIE	"
55271	Sgt	P.A. PERRY	SIG
2736150	Sgt	J.H. DOUGLAS	SIG

SUPPLUS AND DEFICIENCIES - 8 AUG 67

503 Sig Tp

Sgt	Imm Pd	36767	Cpl	J.W. MARSHALL
Sgt	OK	61511	Cpl	J.R. McKENNIE
Sgt	Op (Swbd)	1200296	Cpl	D.L. KIRKPATRICK
Cpl	Clerk Sigs	2783537	Sig	D.J. HENDERSON
Cpl	Imm Pd	43846	Lop1	N.M. CHAPLIN
Cpl	OK	1731503	Sig	P.W. SMITH
Cpl	OK	216589	Sig	R.D. JEFFERY
Cpl	OK	4718162	Sig	D.R. HUDSON
Cpl	OKC	3788029	Sig	A.T. BURMAN
Cpl	Op Swbd	216430	Lop1	I.D. ROWLINGS
Cpl	Tech Sigs	1200710	Lop1	B.J. DEAN
Cpl	Tech Elec	2782962	Sig	W.P. SHILLEY

Surplus

Sig	OK	44115	Sig	J.A. RALL
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532 Sig Tp

Sgt	OKR	38916	Cpl	M.K. LINDSAY
Sgt	OKR	214916	Cpl	A.D. McKENZIE
Sgt	Tech Elec	2783947	Sig	D.R. DAVIES
Cpl	Stmn Tech Sigs	4410860	Lop1	H. REILLY

557 Sig Tp

WO1	F of Sigs	1957	WO2	J.L. BOOTH
Sgt	Stmn Tech Sigs	43109	Cpl	J.D. EDDLESTON
Sgt	Tech Elec	243276	Cpl	D.J. FRY
Sgt	Tech Tg	54631	Cpl	E.T. SMITH

561 Sig Tp

Sgt	OK	212882	Cpl	M.J. ELLEN
Cpl	Imm Pd	2783333	Lop1	R.W. BROCKMAN
Cpl	OK	43797	Lop1	R.J. WIELLUM
Cpl	OK	216371	Lop1	P.H. BLACKWELL
Sig	Dvr	VACANT		

704 Sig Tp

Sagt	F of Sigs	36332	Sgt	G. MARTIN
Cpl	Tech Elec	212538	Sig	C.W. PENDER

709 Sig Tp

Sgt	OKC	5410609	Cpl	D.M. MERRIMAN
Cpl	DR	VACANT		
Cpl	OKC	VACANT		
Cpl	Tech Sigs	1200813	Lop1	D.R. HAWTHIN
Cpl	Tech Elec	37464	Sgt	W.J. JOHNSON
Cpl	Tech Elec	6708546	Sig	R.F. PRENCE
Cpl	Tech Elec	1200758	Sig	J.H. McEVOY

/Cpl Imm Pd

709 Sig Tp (Cont)

Cpl Lm Fd
Sig DR
2 Sig OKC
Sig One Lcpl

2412315
VACANT
VACANT
VACANT

Lcpl P.C. YOUNG

Surplus

Sig Tech Elec

3790062

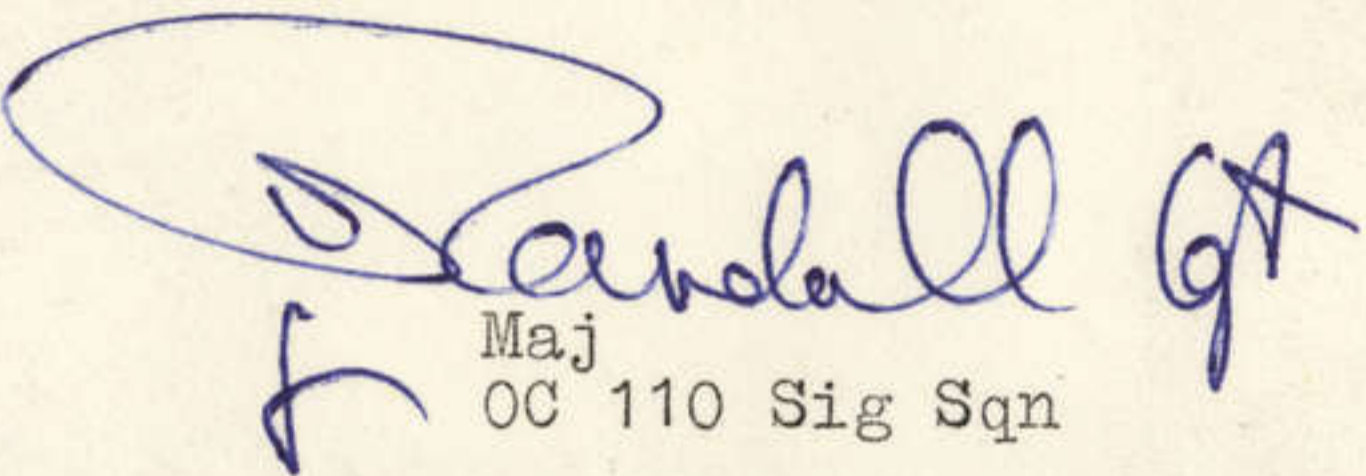
Sig D.J. O'CONNOR

File: R333-2-1 ()

110 SIGNAL SQUADRON
WEEKLY STRENGTH RETURN

AS AT 2359 HRS TUES 15 AUG 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	2	6	8	4	22	48	15	86	175	191	ESTABLISHMENT
1	4	3	8	1	7	8	3	14	34	23	96	170	186	POSTED STRENGTH
					1	1				8	10	18	19	SURPLUS
				1		1	1	8	14			23	24	DEFICIENCIES


Maj
OC 110 Sig Sqn

SURPLUS

16615 LG L.B. DAVSON

DEFICIENCIES

SEE ATTACHED

ATTACHMENTS

LOCAL

38216	Sgt	W.	MCWATT	HQ HENV
38447	Cpl	B.R.	BROWN	"
43826	Lt	R.J.	BAKER	104 Sig Sqn
5410943	Cpl	T.	BRADLEY	"
39102	Cpl	T.	ORRICK	2 Sqn RAAP

AHQ

36124	Sgt	A.H.	SMITH	THAMES
1200907	Sig	H.H.	HARRIS	SOFTS
4118441	Sig	C.H.	FITZPATRICK	"
37663	Sig	R.	GALLAGHER	"
5714194	Sig	G.R.	SCOTT	"
3411634	Sig	A.P.	ORRICK	"
214623	Sig	D.J.	PEARCE	"
6708714	Sig	T.O.	TOWN	"
3788473	Sig	G.P.	STATT	"
6124	Capt	D.E.	HURLEY	127 Sig Sqn
310928	WO1	J.T.	McGOWAN	"
24357	Sgt	B.W.	SHAPFORD	"
42880	Sgt	G.J.	WHITE	"
54431	Sgt	J.R.	STRANGLY	"
58747	Sgt	R.W.	KING	"
42215	Sgt	P.A.	STAPLES	"
38480	Cpl	T.J.	FULLONS	"
54017	Cpl	H.S.	LOVIE	"
1200439	Sig	J.J.	MELANIE	"
55271	Sgt	P.A.	FINCH	RAS
2786158	Sgt	J.R.	DOWLER	"
3789054	Sgt	L.	BUTERA	"

SURPLUS AND DEFICIENCIES

15 Aug 67

503 SIG TP

Sgt Lam Pd
Sgt OK
Sgt Op (Subd)
Cpl Clerk Signs
Cpl Lam Pd
Cpl OK
Cpl OK
Cpl OK
Cpl OK
Cpl Op Subd
Cpl Tech Signs
Cpl Tech Elec

36767
61511
1200296
2783537
43846
1731503
216589
4718162
3788029
216430
1200710
2782962

Cpl J.W. MARSHALL
Cpl J.R. McMINNER
Cpl D.L. KIRKPATRICK
Sig D.J. HENDERSON
Lop1 H.M. CHAPLIN
Sig P.W. SMITH
Sig R.D. JEFFERY
Sig R.D. HUDSON
Sig A.T. BURMAN
Lop1 I.D. ROWLING
Lop1 D.J. DEAN
Sig W.P. SHALLEY

Surplus

Sig OK

44115

Sig J.A. BALL

532 SIG TP

Sgt OKR
Sgt OKR
Sgt Tech Elec
Cpl Stun Tech Signs

38916
214916
2783947
4410860

Cpl M.K. LINDSAY
Cpl A.D. McMINNER
Sig D.R. DAVIS
Lop1 H. REILLY

557 SIG TP

WO1 F of Signs
Sgt Stun Tech Signs
Sgt Tech Elec
Sgt Tech Tg

1957
43109
243276
54631

WO2 J.L. BOOTH
Cpl J.D. EDGESTON
Cpl D.J. FRY
Cpl R.T. SMITH

561 SIG TP

Sgt OK
Cpl Lam Pd
Cpl OK
Cpl OK
Sig Dvr

212882
2783333
43797
216371
VACANT

Cpl M.J. ELLIOT
Lop1 R.W. BROCKMAN
Lop1 R.J. WHILLIN
Lop1 P.H. BLACKWELL

704 SIG TP

Sgt F of Signs
Cpl Tech Elec

36332
212538

Sgt G. HARRIS
Sig G.W. FENNIE

709 SIG TP

Cpl IR
Cpl OK
Cpl Tech Signs
Cpl Tech Elec
Cpl Tech Elec
Cpl Tech Elec
Cpl Tech Elec
Cpl Lam Pd
Sig IR
Sig Dvr
2 Sig OK
Sig One Lop1

43767
VACANT
1200813
37464
6708546
1200758
3788438
2412315
VACANT
VACANT
VACANT
VACANT

Sig R. TAFE
Lop1 D.R. HARTIN
Sgt W.J. JOHNSON
Sig R.F. FREGE
Sig J.H. McVOY
Sig K.W. JAMES
Lop1 P.C. YOUNG

Surplus

Sig Tech Elec

3790062

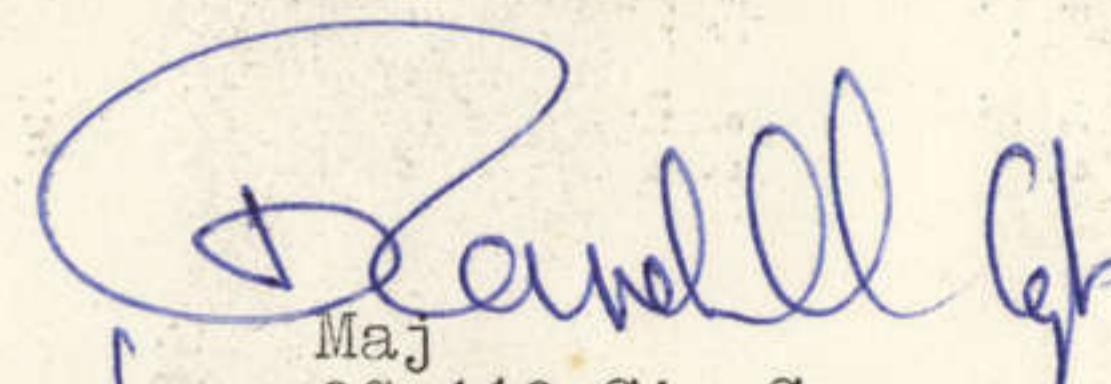
Sig D.J. O'CONNOR

File: R333-2-1 (25)

110 SIGNAL SQUADRON
WEEKLY STRENGTH RETURN

AS AT 2359 HRS TUES . 22 AUG 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	2	6	8	4	22	40	15	86	175	191	ESTABLISHMENT
1	4	3	8	1	7	8	3	17	33	22	107	182	198	POSTED STRENGTH
					1	1				7	21	28	29	SURPLUS
				1		1	1	5	15			21	22	DEFICIENCIES


Maj
OC 110 Sig Sqn

SURPLUS

18615	14	L.B. DASH
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DEFICIENCIES

SEE ATTACHED

ATTACHMENTS

LOCAL

38216	Sgt W. MOWAT	Hq HSTV
38447	Cpl B.R. BROWN	"
5410943	Cpl T. BRADLEY	104 Sig Sqn
216603	Lt Col B.R. Dwyer	"
216610	Sig C.L. MURPHY	"

AHQ

6124	Capt B.R. HUGHES	127 Sig Sqn
310928	Sgt J.T. McCUBBIN	"
24357	Sgt B.W. STAFFORD	"
42800	Sgt C.J. WHITE	"
54431	Sgt J.R. STRAIN	"
58747	Sgt B.W. KING	"
42215	Sgt P.A. SPARROW	"
38400	Cpl T.J. FELLOWS	"
54017	Cpl W.R. LOVELL	"
1200439	Sgt J.J. MILLER	"

SURPLUS AND DEFICIENCIES

22 AUG 67

HQ 110 Sig Sqn

Surplus(Attached)

Theatre Supplements

36124	Sgt	A.H. SMITH
1200907	Sig	E.H. HAWKINS
4118441	Sig	G.M. PHILLIPS
37663	Sig	R. WAILES
5714194	Sig	G.R. SKUTHORP
3411634	Sig	A.F. CRYNES
214623	Sig	D.J. FEARNE
6708714	Sig	T.O. TUBB
3788473	Sig	G.F. WYATT

RAE Attached

55271	Spr	P.A. PERRY
2786158	Spr	J.R. DOWLER
3789054	Spr	L. BUTERA

503 Sig Tp

Sgt	Lmn Fd	36767	Cpl	J.W. MARSHALL
Sgt	Op Swbd	1200296	Cpl	D.L. KIRKPATRICK
Cpl	Clerk Sigs	2783537	Sig	D.J. HENDERSON
Cpl	OK	1731503	Sig	P.W. SMITH
Cpl	OK	216589	Sig	R.D. GEFFERY
Cpl	OK	4718162	Sig	D.R. HUDSON
Cpl	OKC	3788029	Sig	A.T. BURMAN
Cpl	Op Swbd	216430	Lcpl	I.D. ROWLINGS
Cpl	Tech Sigs	1200710	Lcpl	B.L. DEAN
Cpl	Tech Elec	2782962	Sig	W.P. SHELLEY

Surplus

Sig	OK	44115	Sig	J.A. BALL
-----	----	-------	-----	-----------

532 Sig Tp

Sgt	OKR	38916	Cpl	M.K. LINDSAY
Sgt	Tech Elec	2783947	Sig	D.R. DAVIE
Cpl	Stam Tech Sigs	4410860	Lcpl	H. REILLY

557 Sig Tp

WO1	F of Sigs	1957	WO2	J.L. BOOTH
Sgt	Stam Tech Sigs	43109	Cpl	J.R. EDDLESTON
Sgt	Tech Elec	243276	Cpl	D.J. FRY
Sgt	Tech Tg	54631	Cpl	E.T. SMITH

561 Sig Tp

Sgt	OK	212882	Cpl	M.J. ELLEM
Cpl	Lmn Fd	2783333	Lcpl	R.W. BROCKMAN
Cpl	OK	43797	Lcpl	R.J. WHELLUM
Cpl	OK	216371	Lcpl	P.H. BLACKWELL
Sig	Dvr	VACANT		

/704 Sig Tp

704 Sig Tp

Ssgt	F of Sigs	36332	Sgt G. MARTIN
Cpl	Tech Elec	212538	Sig C.W. PENDER

709 Sig Tp

Cpl	DR	43767	Sig R. TAPE
Cpl	OKC	VACANT	
Cpl	Tech Sigs	1200813	Lcpl D.R. HAWTIN
Cpl	Tech Elec	37464	Sgt W.J. JOHNSON
Cpl	Tech Elec	6708546	Sig R.F. PREECE
Cpl	Tech Elec	1200758	Sig J.H. McEVOY
Cpl	Tech Elec	3788438	Sig K.W. JAMES
Cpl	Lmn Fd	2412315	Lcpl P.C. YOUNG
Sig	DR	VACANT	
Sig	Dvr	VACANT	
Sig	OKC x 2	VACANT	
Sig	One Lcpl	VACANT	

Surplus

Sig	Tech Elec	3790062	Sig D.J. O'CONNOR
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.....

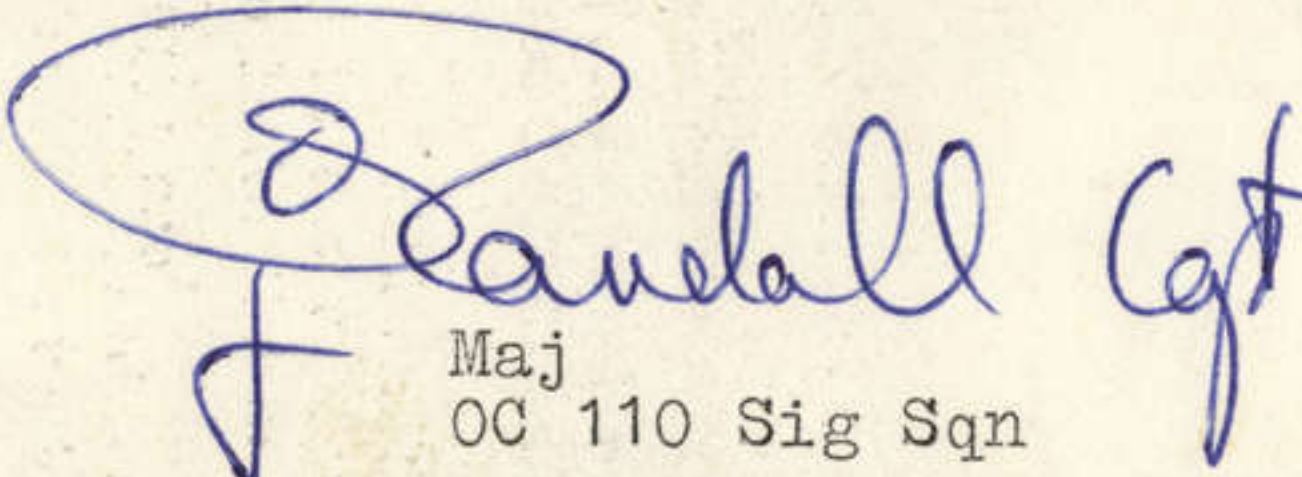
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110 SIGNAL SQUADRON

WEEKLY STRENGTH RETURN

AS AT 2359 HRS TUES 29 APR 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	2	6	8	4	22	48	15	85	175	191	ESTABLISHMENT
1	4	3	8	1	7	8	3	17	33	22	109	184	200	POSTED STRENGTH
					1	1				7	23	30	31	SURPLUS
				1		1	1	5	15			21	22	DEFICIENCIES


Maj
OC 110 Sig Sqn

SURPLUS

10515	10	L.B. BROWN
-------	----	------------

DEFICIENCIES

551	ATTACHED
-----	----------

ATTACHMENTS

LOCAL

30216	Sgt	W. EDWARDS	104
30417	Cpl	D.L. BROWN	"
5410943	Cpl	T. BROWN	104
216010	Sgt	C.L. BROWN	"

AHQ

6124	Capt	D.M. BROWN	127
310520	W/O	J.J. McCORMACK	"
24357	Sgt	D.M. SHAFORD	"
42810	Sgt	C.J. BROWN	"
54431	Sgt	J.L. SHAFORD	"
58747	Sgt	D.M. BROWN	"
42215	Sgt	D.L. SHAFORD	"
38460	Cpl	T.J. BROWN	"
54017	Cpl	D.L. BROWN	"
1200439	Sgt	J.J. BROWN	"

SURPLUS AND DEFICIENCIES

29 AUG 67

RA 110 Sig Sqn

Surplus (Attached)

Theatre Elements

36124	Sgt	A.H. SMITH
1200907	Sig	E.H. HAWKINS
4118441	Sig	G.N. PHILLIPS
37663	Sig	R. WALLIS
5714194	Sig	G.R. SKUTHOF
3411634	Sig	A.P. CRIBBS
214623	Sig	D.J. FRANK
6708714	Sig	T.O. TURN
3788473	Sig	G.P. WEAVER
216378	Sig	A.H. HIGGINS

RAH Attached

55271	Spr	P.A. PERRY
2786158	Spr	J.R. DOULER
3789054	Spr	L. BUTERA

503 Sig Tp

Sgt	Imm Rd
Sgt	Op Subd
Cpl	Clark Sigs
Cpl	OK
Cpl	OK
Cpl	OK
Cpl	OK
Cpl	Op Subd
Cpl	Tech Sigs
Cpl	Tech Elec

36767	Cpl	J.W. MARSHALL
1200296	Cpl	D.L. KIRKPATRICK
2783537	Sig	D.J. HENDERSON
1731503	Sig	P.W. SMITH
216589	Sig	R.D. JEFFERY
4718162	Sig	D.R. HUDSON
3788029	Sig	A.T. BURMAN
216430	Lop1	I.D. ROWELLING
1200710	Lop1	B.L. DEAN
2782962	Sig	W.P. SHILLING

Surplus

Sig	OK
-----	----

44115	Sig	J.P.A. DALL
-------	-----	-------------

532 Sig Tp

Sgt	OK
Sgt	Tech Elec
Cpl	Stun Tech Sigs

38916	Cpl	M.K. LINDSAY
2783947	Sig	D.R. DAVEN <i>Vacant</i>
4410860	Lop1	H. REILLY

557 Sig Tp

WO1	F of Sigs
Sgt	Stun Tech Sigs
Sgt	Tech Elec
Sgt	Tech Tg

1957	WO2	J.L. DOCH
43109	Cpl	J.R. HILLSTON
243276	Cpl	D.J. FRY
54631	Cpl	R.T. SMITH

561 Sig Tp

Sgt	OK
Cpl	Imm Rd
Cpl	OK
Cpl	OK
Sig	Dvr

212882	Cpl	M.J. HILL
2783333	Lop1	R.W. BROCKMAN
43797	Lop1	R.J. WHEELER
216371	Lop1	P.H. BLACKWELL
VACANT		

704 Sig Tp

Sgt	F of Sigs
Cpl	Tech Elec

36332	Sgt	G. MARTIN
212538	Sig	G.W. PENDER

709 Sig Tp

709 Sig Tn

Cpl DR
Cpl CMC
Cpl Tech Sigs
Cpl Tech Elec
Cpl Tech Elec
Cpl Tech Elec
Cpl Tech Elec
Cpl Lm FI
Sig Dvr
Sig CMC x 2
Sig One Lcpl

Surplus

Sig Tech Elec

43767
VACANT
1200613
37464
6708546
1200758
3708438
2412315
VACANT
VACANT
VACANT

Sig R. TAPE
Lcpl D.R. HAWTHIN
Sgt W.J. JOHNSON
Sig R.F. PRESCOTT
Sig J.H. McEVY
Sig K.W. JAMES
Lcpl P.C. YOUNG

3790062 Sig D.J. O'CONNOR

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AUSTRALIAN MILITARY FORCES

SOUTH VIETNAM

R723-4-1

HQ AFV

110 Sig Sqn
PHU THO

Copy to:

D Sigs
Det 110 Sig Sqn
Austcan Vietnam

17 Sep 67

110 SIGNAL SQUADRON - MONTHLY REPORT

AUGUST 1967

COMMUNICATIONS

1. Radio Relay System - The use of the Yagi antennas mounted on a 102 ft Hills mast at Nui Dat produced a most significant improvement in the Nui Dat - Vung Tau link. This particular link in both quality and signal strength in one step has gone from the most marginal to the best link in the radio relay chain. As Yagi antennas have yet to be mounted at the Vung Tau end of the link when the **terminal there is** stalled in the new MRS, a further improvement can be expected. It now appears certain that a repeater on VC Hill for this link need not be considered. If the measures taken had not been successful this course would have been the only solution to improving the link.
2. The re-location of the VC Hill terminal was completed during the month and is described in the Vung Tau detachment report at Annex A.
3. By the end of August Yagi antennas were in use at Nui Dat and at the VC Hill terminal of the Saigon link. Tests on the Yagis mounted on the FWMAO building in Saigon had proved unsatisfactory and 'bedstead' antennas were still being used until the Yagis could be re-adjusted.
4. The signal strength on the link between VC Hill and the Vung Tau detachment increased considerably when the site was re-located, and this link should now be trouble free as far as the radio path is concerned.
5. System Control - The re-siting of the Nui Dat radio relay detachment in the system control room at 104 Sig Sqn enabled the four detachment technicians to take over the system control functions as well. This was agreed to by OC 104 Sig Sqn and the arrangement has proven highly satisfactory. 104 Sig Sqn **gained** 4 technicians and 110 Sig Sqn now controls all three system controls in the theatre.
6. New Installations SAIGON and VUNG TAU - Work progressed well at both locations during the month and provided no unforeseen hold-ups occur the planned cut-over dates should be met.

ADMINISTRATION

7. Personnel

- a. March-ins - A total of 12 personnel marched into the Squadron:

(1) Sqn personnel - 5

(2) Attached

(a) From 547 Sig Tp - 3

(b) From 104 Sig Sqn - 4

/b. March-outs

- b. March-outs - A total of 14 personnel marched out of the Sqn:
- (1) RTA - 4 (including 1 Medevac and 2 on compassionate reposting)
 - (2) RTU
 - (a) To 547 Sig Tp - 3
 - (b) To 104 Sig Sqn - 7
- c. Deficiencies (as at 31 Aug 67)
- (1) Establishment - 6
 - (2) Supplement - 4
- d. A total of 80 movements between Saigon and Vung Tau were completed during August, 1 to Phan Rang and 18 to Nui Dat.

8. CO's Hour. During August the DADMS HQ AFV gave talks to the Saigon members of the squadron on the medical aspects of Venereal Disease. A new and very good film (The Choice is Yours) was screened during the lectures.

NEW WORKS - SAIGON AREA

9. A personnel bunker was completed at Phu Tho. The bunker was constructed on a concrete base with 3 foot sandbag walls, PSB roofing with three layers of sand bags on top and is sufficiently roomy to accommodate all sqn HQ personnel.
10. The 127 Sig Sqn installation team took over the three buildings for the new MRS early in the month and commenced installation.
11. The fourth and fifth floors of the Canberra BEQ were completed and occupied by 110 Sig Sqn personnel.

WELFARE

12. A barbecue was held at Phu Tho on 30 Aug 67 to allow Saigon members of the squadron to meet the Director of Signals during his visit.
13. On 12 Aug 67 the Canberra BEQ was officially opened with a most successful function. All squadron officers and senior NCOs attended.
14. Volley ball continues to be the most popular sporting activity in the Saigon area. During the month a number of matches were played between teams from AUSTCAN (80 men) and sqn HQ (15 men). The numerical difference in the personnel in the two areas had its effect during the month and the AUSTCAN teams for the first time managed to win a few matches. In future sqn HQ personnel will be permitted to use both hands.

CIVIL AID

15. During the month the sqn took over the control of food and medical issues to the Dong Chua Orphanage. A weekly issue is made and carefully checked to insure most of it is used by the orphanage and not disposed of illegally by some of the temporary staff.
16. The Director of Signals visited the orphanage during his visit and this was given a good PR coverage. A taped interview was made with the sqn SQMS on the sqn's role in looking after the orphanage and it is believed this interview was played on several radio stations in Australia.

/17. During the month

17. During the month the concreting of the court yard at the orphanage was completed and steps built from the first floor verandah to the main dormitory.



(E.H. HYNES)

MAJ

OC

Attachments:

Annex A - Det 110 Sig Sqn Monthly Report

Annex B - Austcan Vietnam Monthly Report

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Annex 'A' to
110 Sig Sqn R723-4-1
dated Sep 67

DEF 110 SIG SQN - VUNG TAU

MONTHLY REPORT

AUGUST 1967

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1. COMMUNICATIONS
2. TECHNICAL ASPECTS
3. MISCELLANEOUS ACTIVITIES

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1. MONTHLY CIRCUIT DATA SUMMARY
2. MONTHLY TRAFFIC - VUNG TAU/ MRS/SIGCEN
3. VUNG TAU - NUI DAT RR OUTAGES
4. VUNG TAU - SAIGON RR OUTAGES
5. TRAFFIC OUTAGES - VUNG TAU - NUI DAT
6. TRAFFIC OUTAGES VUNG TAU - SAIGON

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COMMUNICATIONS

General

1. During the month, the detachment sustained the high level of activity of the previous month, with emphasis being placed on consolidating improvements made in that month.

Sigcen/MRS

2. Traffic - A slight increase in overall traffic was recorded in the month (205 messages). Detailed statistics are given in appendix 1. 2nd Composite Ordnance Depot reported 52 messages as not having been received in AUSTRALIA. An initial check revealed all messages despatched from this location and a possible loss in the US facility at PHU LAM. Complete investigation is in progress.

3. Traffic Routing - The majority of traffic handled at 1 ALSG Sigcen is originated at 2 Comp Ord Depot. To save time at the Tape Relay Centre in SAIGON, the detachment commenced routing Routine messages to INFO addressees in SAIGON via the Aerial Despatch Service (ADS). This procedure was found to be very successful.

4. SDS

- a. Local Service - As in the previous month, problems were experienced due to vehicle breakdown. It has been found that this 24 hour service requires a considerable vehicle backup.
- b. ADS - After two months operation an assessment of the efficiency of the service can be made. A single aircraft preferably helicopter, devoted to this service is preferred to the present arrangement. It has been found that quite considerable additional effort was expended on this task as:

- (1) aircraft at times do not land at LUSCOMBE; and
- (2) departure times change. This makes co-ordination with other services difficult.

5. Equipments - Cipher and telegraph equipment failure rate in the MRS again was high. This problem will be alleviated when the air-conditioner arrives.

Medium Radio

6. Communications to MV JEPARIT - The detachment was directed to establish communications with the MV JEPARIT whilst the vessel was still several days from VUNG TAU. Radio Set AN/GRC 106 was used for this purpose. Success was not complete. Because of the low power radio set on the vessel (100 watts), only one way communication was obtained.

7. RR Back-up to NUI DAT - A test on this back-up link was carried out on 11 Aug, using a Radio Set AN/GRC 106. This was successful and a much more satisfactory link than using Radio Set AN/PRC 47 was obtained.

Line

8. Whilst awaiting line stores for the new line route, only minor repair tasks were carried out. The capacity of the tie lines between the old and the new comcens was increased by the addition of a 12 pair cable between these locations.

...../9.

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9. An additional four automatic telephones off VUNG TAU exchange were installed.

Staff Briefing

10. A staff briefing on message writing was held on 6 Aug for unit adjutants and administrative officers of 1 ALSG.

TECHNICAL ASPECTS

Radio Relay

11. VC HILL Installation - During the month a road was constructed to the new site and the site itself cleared. Re-location to the new site became more urgent towards the end of the month because of interference caused by a nearby high power (1 KW) VHF station commencing operation. An AN/MRC 69 was helilifted in by Chinook on 29 Aug. A Hills 50ft tower was erected beside the shelter and new, locally manufactured, Yagi aeriels were mounted. On 31 Aug the system was cut over to the new location. Next month's report should reflect the improvement in the quality of the circuit. At this stage two tasks remain to be carried out:

- a. Yagi aeriels require to be adjusted to improve signal strength; and
- b. defensive wiring is still to be constructed.

Deployment Detachment

12. A deployment detachment, for use when the Task Force HQ splits for an operation, was constituted from Tech Maint personnel, and trained. Once the shelter in the old site on VC HILL is brought down into the unit area this will be reconstituted as a terminal shelter and prepared for deployment.

System Control

13. In early August the Radio Relay detachment was brought down from NUI DAT and installed in the Sigcen. This was made possible by the installation of a 102 Hills mast with top mounted Yagis outside the Sigcen. At the same time the Radio Relay attendants became the SCOs at LATF. This was most successful and the circuits improved quite considerably (appendices 3 and 5).

14. SAIGON/VUNG TAU circuit availability, even though high, was not as high as could be desired. This was due to two factors:

- a. Long outages of US hired line (X724); and
- b. interference on our Radio Relay System.

15. With Radio Relay re-location on VC HILL, the situation will certainly improve.

Technical Maintenance

16. At this stage the great majority of test instruments has been repaired. All operational radio relay equipment is passing through Tech Maint for the second time for preventative maintenance. The preventative maintenance programme has been reflected in greater circuit availability.

MISCELLANEOUS ACTIVITIES

Area Improvement

17. Soil - No laterite nor topsoil were Brought into the detachment area during the month. However, the existing topsoil deposited during the previous month was spread. This task is approximately 70% complete.

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18. Plants - An additional one hundred mango and eucalypti robusti saplings were received and planted during the month. The results of planting these trees in the sand are at present still not apparent.

19. Water Supply - Further detail as to siting of the ~~MATTERS~~ windmill was required by the company. This was supplied. At this stage, it is anticipated that the windmill will arrive on the MV JEPARIT in early October.

Major Minor Works

20. Building Progress - No new buildings were erected in the area during the month. However, it is anticipated that work on the Officers' and Sergeants' quarters and Sergeant's Mess will commence early next month.

21. Defence - During the month, all existing accommodation buildings and some administrative buildings were sand bagged. This involved quite considerable effort requiring the forfeiture of some rest time. However, all work was completed on time. A total of seven buildings each requiring some 2500 sand bags were sandbagged. Even with the quantity of sand required, no shortage of sand for future work is anticipated.

Q Administration

22. A Board of Survey covering tentage to the approximate value of \$8000 was held on 24 Aug.

Troop Welfare

23. "Jimmy" - A coxwains course was held on 26 and 27 Aug. Six members (Det 110 Sig Sqn - 3, 104 Sig Sqn - 2, 547 Sig Tp - 1) passed the course. This factor plus the fitting of the control cable that was ordered in late August, with the help of RAAF, will further improve the availability of the boat.

24. Briefings - General military briefings with emphasis on events in 111 CTZ were given to all available personnel on 12 and 19 August.

11 Sep 67

J. V. Ksne
(J VIKSNE)
Capt
OC Det 110 Sig Sqn

Attachments

- Appendix 1 - Monthly Circuit Data Summary
- Appendix 2 - Monthly Traffic - VUNG TAU MRS/SIGCEN
- Appendix 3 - VUNG TAU - NUI DAT RR OUTAGES
- Appendix 4 - VUNG TAU - SAIGON RR OUTAGES
- Appendix 5 - Traffic outages - VUNG TAU - NUI DAT
- Appendix 6 - Traffic Outages VUNG TAU - SAIGON

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Appendix 1 to
Det 110 Sig Sqn
Monthly Report - Aug 67

MONTHLY CIRCUIT DATA SUMMARY

1. Circuit: MRS SAIGON/MRS VUNG TAU
2. Period: 1 - 31 Aug 67
3. Schedule: Continuous
4. Detail of Circuit: Protected DUPLEX telegraph on AUST/US CCT
5. Percentage Schedule Available to Traffic: 80.1%
6. Total Messages IN and OUT: 11370
7. Traffic Breakdown by Precedences:
 - FLASH - Nil
 - IMMEDIATE - 1008
 - PRIORITY - 5615
 - ROUTINE - 4747 - ZFX 564
8. Miscellaneous Comments: ZFX not included in total No of messages

MONTHLY CIRCUIT DATA SUMMARY

1. Circuit: MRS BARIA/MRS VUNG TAU
2. Period: 1 - 31 Aug 67
3. Schedule: continuous
4. Detail of Circuit: Protected simplex/duplex telegraph on AUST/US CCT
5. Percentages Schedule Available to Traffic: 90.8%
6. Total Messages IN and OUT: 2947
7. Traffic Breakdown by Precedences:
 - FLASH - NIL
 - IMMEDIATE - 315
 - PRIORITY - 2260
 - ROUTINE - 372 (ZFX 62)
8. Miscellaneous Comments: ZFX not included in No of messages

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Appendix 1 (Cont)

MONTHLY CIRCUIT DATA SUMMARY

1. Circuit: RAAF/MRS VUNG TAU
2. Period: 1 - 31 Aug 67
3. Schedule: Continuous
4. Detail of Circuit: Protected simplex telegraph on AUST/US CCT
5. Percentage Schedule Available to Traffic: 90.1%
6. Total Messages IN and OUT: 3187
7. Traffic Breakdown by Precedences:

FLASH	- Nil	
IMMEDIATE	- 225	
PRIORITY	- 1852	(ZFX 45)
ROUTINE	- 1110	

8. Miscellaneous Comments: ZFX not included in No of messages

MONTHLY CIRCUIT DATA SUMMARY

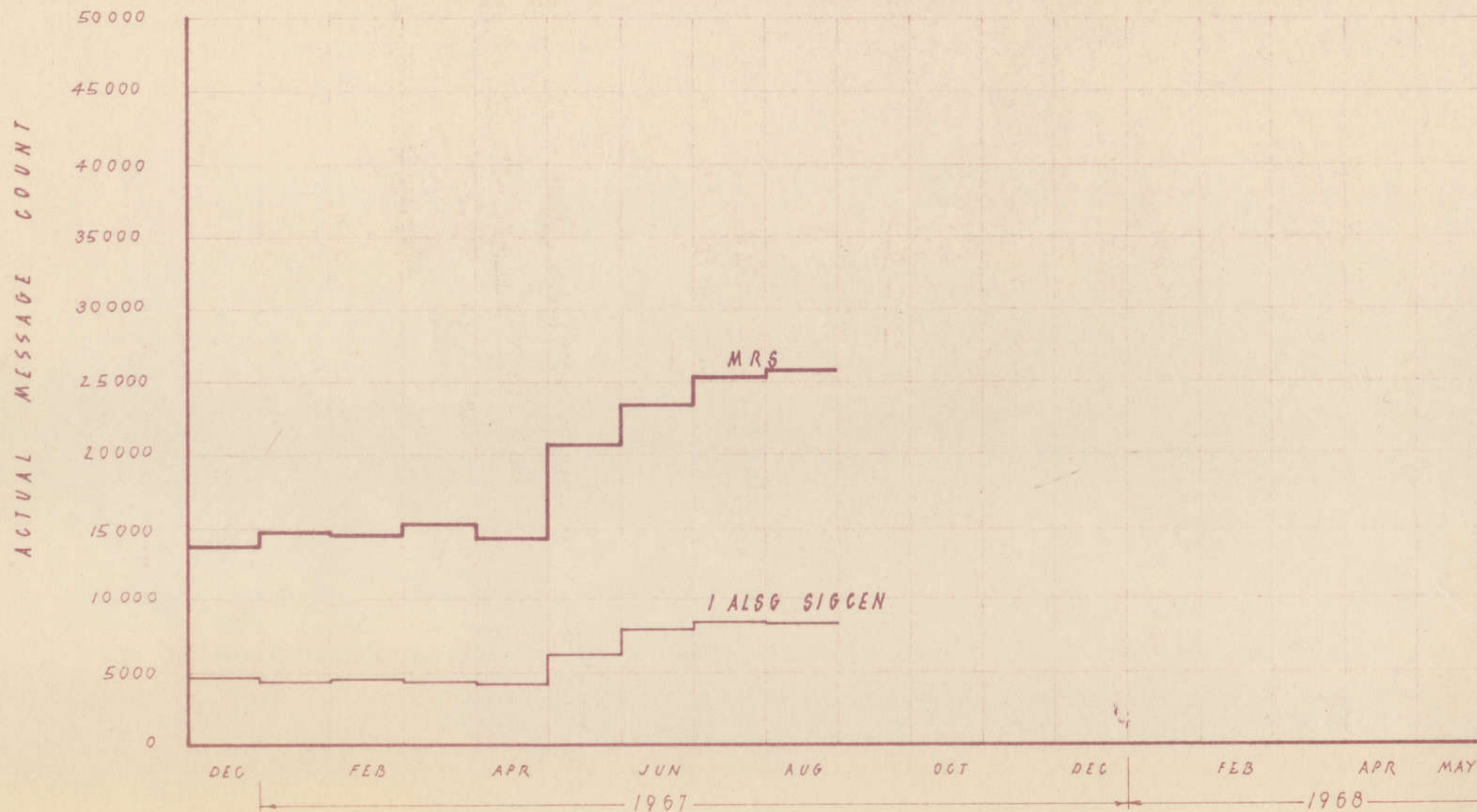
1. Circuit: SIGCEN HQ 1ALSG/MRS VUNG TAU
2. Period: 1 - 31 Aug 67
3. Schedule: continuous
4. Detail of Circuit: Protected simplex/duplex telegraph on AUST/US CCT
5. Percentage Schedule Available to Traffic: 82.2%
6. Total Messages IN and OUT: 68 8268
7. Traffic Breakdown by Precedences:

Flash	- Nil
IMMEDIATE	- 699
PRIORITY	- 4075
ROUTINE	- 3494

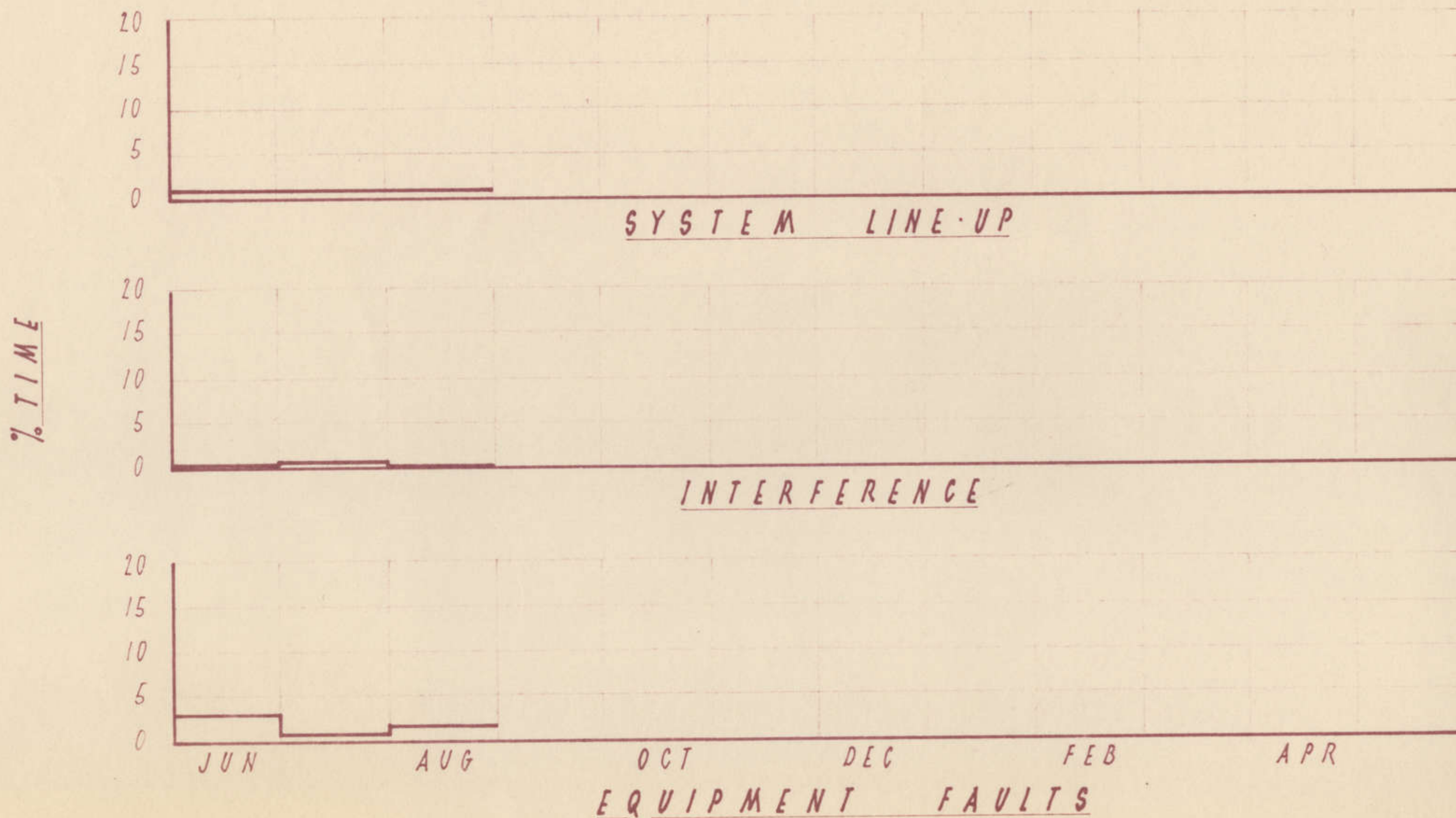
8. Miscellaneous Comments: Nil

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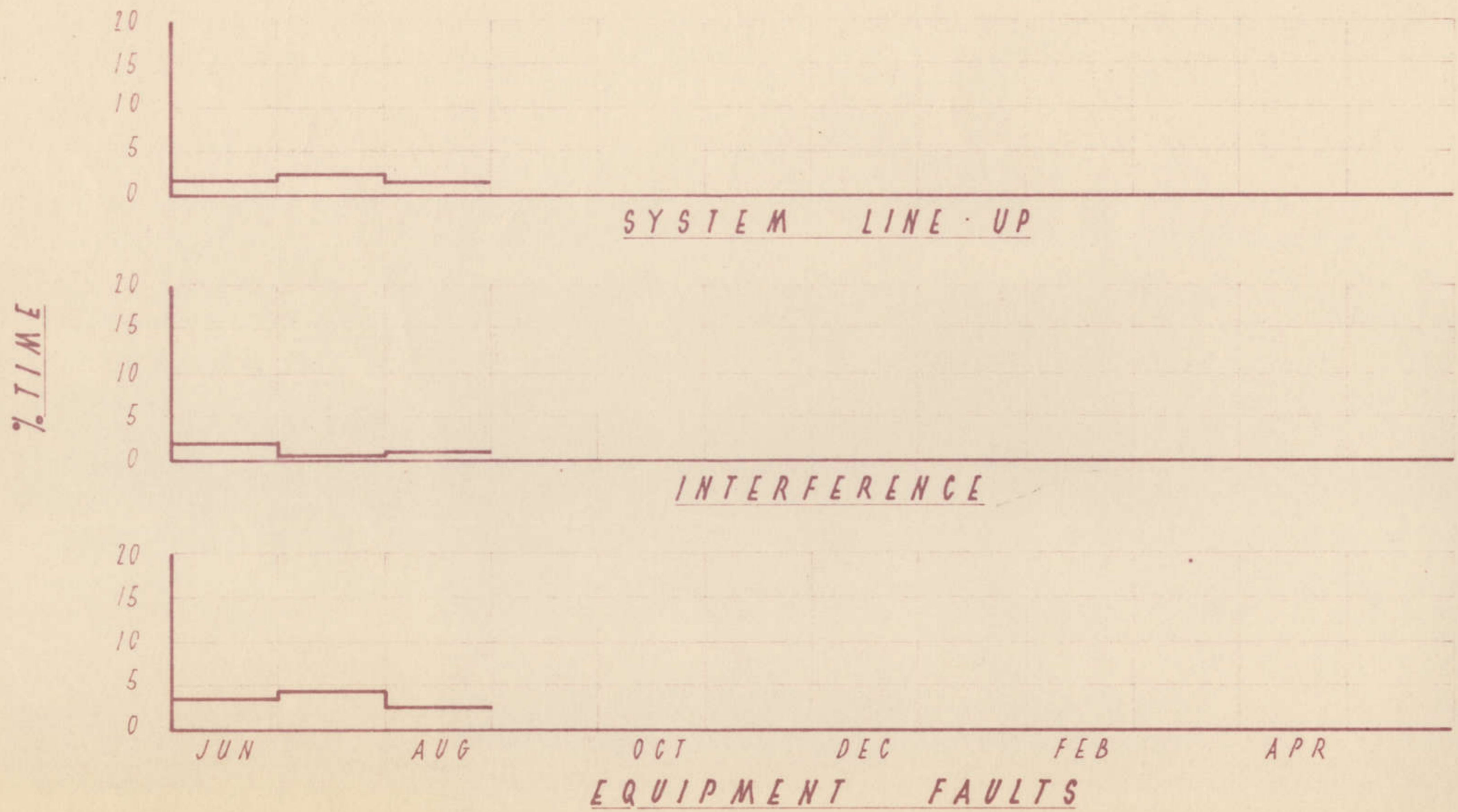
MONTHLY TRAFFIC
VUNG TAU MRS/SIGCEN



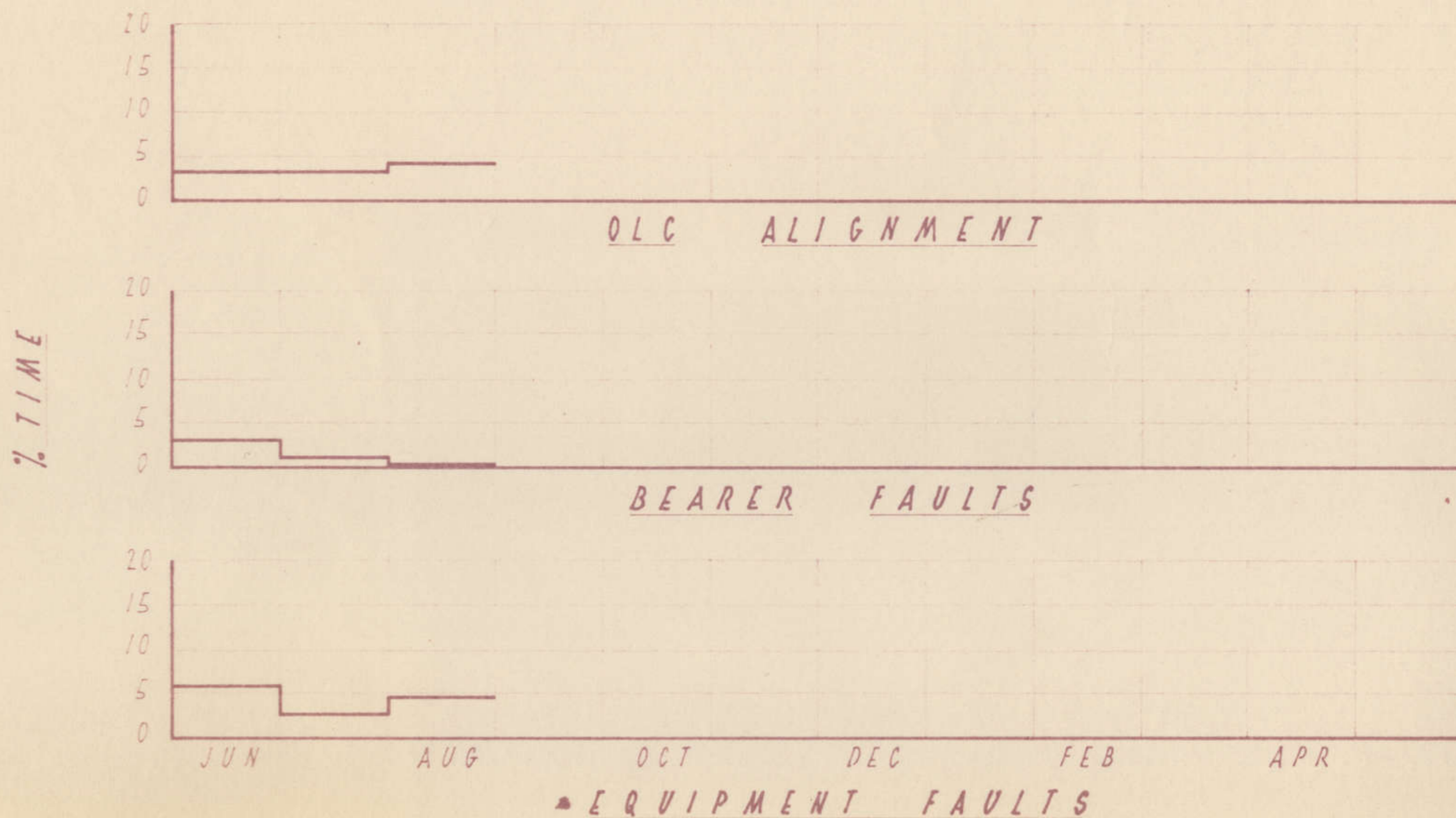
RADIO RELAY OUTAGES VUNG TAU - TASK FORCE



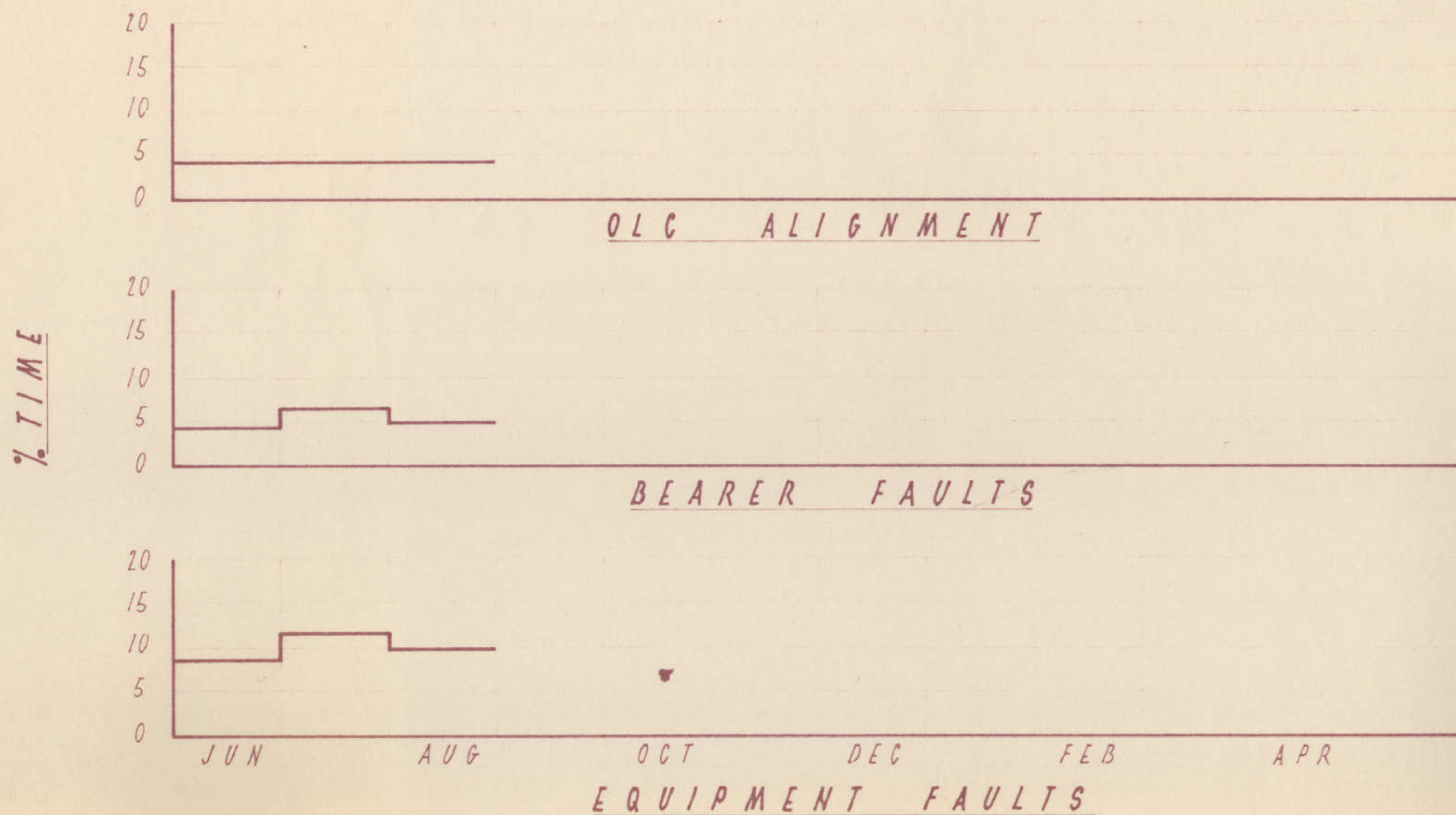
RADIO RELAY OUTAGES
VUNG TAU - SAIGON



T R A F F I C O U T A G E S
Y U N G T A U T A S K F O R C E

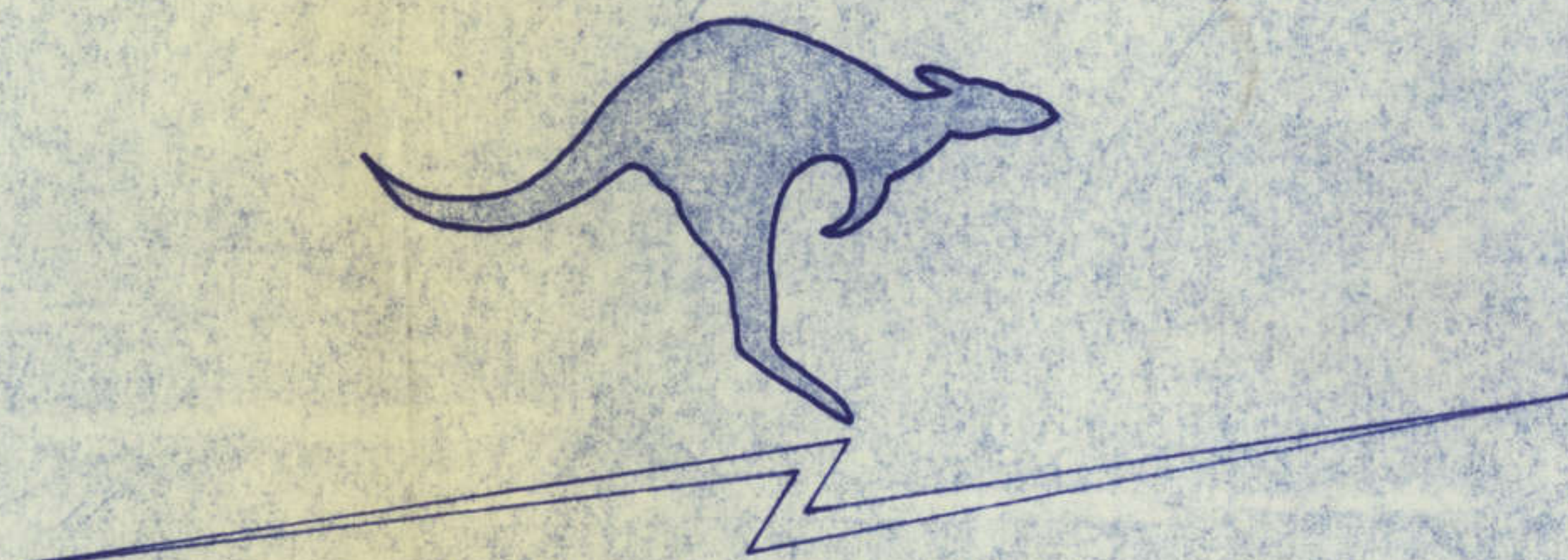
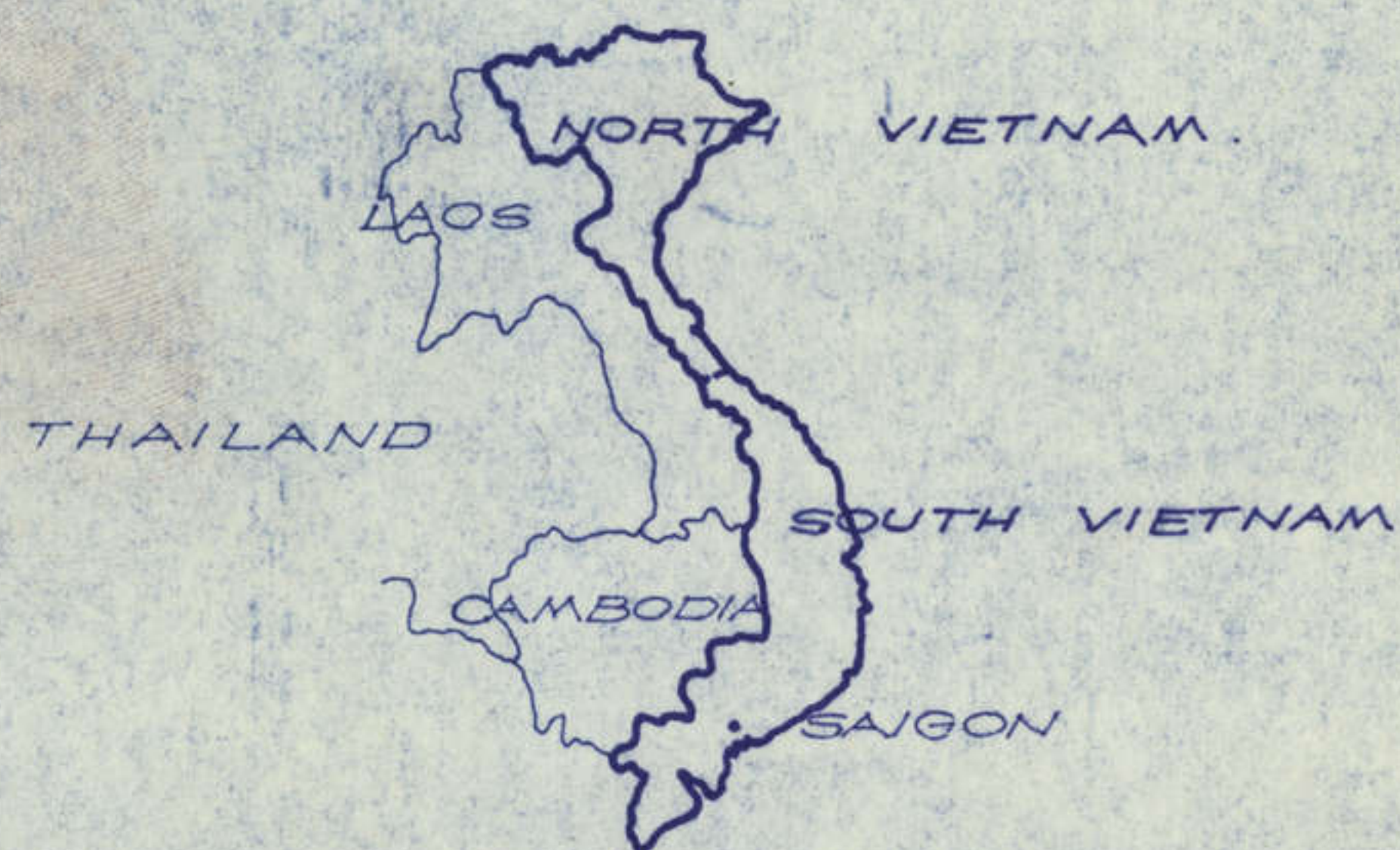


TRAFFIC OUTAGES VUNG TAU - SAIGON



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AUSTCAN VIETNAM MONTHLY REPORT

**AUGUST 1967**CONFIDENTIAL.

INTRODUCTION

1. August was a month of consolidation contrasting with the previous months of activity in many directions simultaneously. Both our traffic handling and circuit availability have improved on all circuits except to MELBOURNE which has shown further deterioration. Plans and submissions have been made which we hope will result in a very noticeable improvement in the MELBOURNE circuit when the equipment arrives and has been installed.

2. Highlight of the month was a visit from our Director of Signals. We were pleased to have the opportunity of showing him our stations and discussing our future plans with him.

MAJOR RELAY STATION SAIGON

3. Again total traffic volume increased over the previous month. Traffic increase in the 4 months since 110 Sig Sqn took over from 145 Sig Sqn on 1 May 67 is 76%. In assessing the graph note that it shows "live" traffic only and does NOT include ZFX, ZIG or ZFR messages. There are details of these shown in the circuit data summary. It is also worth noting that the Comstat 2 submitted by this station until this month has been the actual average live message count over the whole month and not just the three working day sample. It can be seen from the Daily Traffic graph that such an average is depressed by the Sunday minimum. The actual days selected for Comstat 2 for August are marked on the graph. Thus it is clear that traffic statistics submitted to date have been quite conservative, and on the figures for August, by some 15%.

4. Efficiency of the multiroute position increased noticeably when it was upgraded from 50 to 7 1/2 baud at the beginning of the month.

5. We are grateful to 2 Sqn RAAF for the continuing loan of an operator. The four operators on loan from 104 Sig Sqn were withdrawn at the beginning of the month. The operator exchange programme has now been extended to include STRATCOM PHU LAM. This has proved most successful, further cementing our good relations with the PHU LAM Sig Bn. Although our stations are only a few miles apart the swap is complete, the Australian lives in at the PHU LAM Sig Bn barracks and the American lives in at the Canberra BEQ.

6. The MELBOURNE circuit A channel worked directly into STRAD at WATSONIA from 19 August and this, although improving end to end message handling times, greatly increased our service wires and re-runs as WATSONIA can no longer service garbled messages before onforwarding to us.

SIGNAL CENTRE HQ AFV

7. Signal Centre traffic levelled off this month partly due to an intensive effort on the part of the staff to write less signals (although they do not appear to be the guilty party in the continuing climb - average 147 (peak 235) per day written by HQ AFV, HQ RAAFAFV, HQNZV Force, Army Movements Saigon, HQ AATTV and 110 Sig Sqn combined is possibly not excessive. Note that average 331 (peak 576) messages per day arrived in theatre from Australia during the month) but mainly to a change in handling method of one type of Ordnance message from telegraph to Air Despatch Service. The latter is estimated to save 1,000 messages in the Sigcen in a full month.

SAIGON - NUI DAT TELEGRAPH CIRCUIT

8. The value of using a hired circuit as main means and a circuit completely under our own control as back up was confirmed by the continuing high availability of this link. The graph has been changed to show the treatment of the bearer for this link as a hired circuit.

SAIGON - MELBOURNE TELEGRAPH CIRCUIT

9. Propagation conditions continue to be the largest single cause of outages on this circuit, particularly as our means of combatting this are limited.

10. The limitations of the BA QUEO receiving station are being felt in increased outages. The basic causes and planned solutions are:-

a. To achieve space diversity reception two sloping vee antennas are used. One of these performs well (especially since all the connectors on the coaxial transmission line were replaced a few weeks ago - it was discovered that the original connectors had not been soldered) but the other, due to space limitations at the site and the need for physical separation to achieve space diversity, had to be located in an awkward position. The support mast is too short (guy space limited), the legs are of unequal length, it points slightly in the wrong direction, and a heavy duty mains power transformer is in the centre of the main lobe between the two terminating resistors. The high noise level on this antenna severely limits its usefulness. It is hoped to improve this situation by changing technique from space diversity to polarization diversity. A vertically polarised log periodic antenna will be constructed clear of mains power lines, transformers, and with an unobstructed take off angle across the air field, as soon as the stores arrive. This antenna will be tested as fully as possible because if its performance is satisfactory its prime advantages of broad bandwidth and very modest ~~real estate~~ requirements will help solve other existing antenna problems here.

b. This is one of very few stations indeed operating with no effective spare equipment. It has been found that while the R391 is a very fine receiver on short haul strong signal paths, it is of limited value on long haul low signal strength circuits as the AFC takes off after adjacent strong but unwanted carriers, of which there are many in this frequency overcrowded area. Thus it is an effective back-up only during the 8 hours during the middle of the day when it is least required. The failure of one component in the R5232 cost 11½ hours circuit time one night this month due to the lack of an effective back-up. A second R5232 is an urgent necessity and a third very desirable.

TRUNK TELEPHONE CIRCUITS

11. The graph has been altered to show total telephone circuit availability. Previously it really showed AN/TRC-24 system availability, however as not all telephone trunks now use the AN/TRC-24 system as the main means the old graph is no longer true. The graph is based on the nine trunks, all of which are scheduled for continuous operation. Two additional trunks are allotted and will come into operation as soon as the positions on DEER switch become available.

REMOTI CONTROL LINKS

12. The new 4FJ frequencies have been confirmed and the parts required for modification are awaited from Australia. The laying of two new runs of spiral four between PHU THO HOA and BA QUEO, and the rebuilding of existing routes was completed. Experiments were conducted which showed that the TA5006/U would work satisfactorily from the Control Room to the Transmitting and Receiving Stations over the spiral four without the use of loading coils and so the TA5006/Us are now being used in this way. This means that both main means and back-up will have equal channel capacity which is a very desirable feature.

TECH MAINT SECT

13. During the month this station was given direct responsibility for the Ord Cell (previously under HQ 110 Sig Sqn) and we have located it under Tech Maint in our organization. The exchange programme initiated with operators has been extended to include technicians and a Technician Telegraph was exchanged with 104 Sig Sqn during the month. Due to the local knowledge required by technicians they cannot be exchanged as readily as operators, nevertheless it is hoped that a number of technician exchanges will be possible.

INSTALLATIONS

14. Two technicians from this station have been provided to assist the Sqn F of S install the new MRS at VUNG TAU.

15. We watch eagerly the progress of Det 127 Sig Sqn in installing the new MRS and Sigcen. It is very pleasing to see the new stations taking shape. We now have a Sgt Tech Elec working full time with Det 127 Sig Sqn to assist in producing the new station drawings and cable termination records and at the same time become thoroughly familiar with the new installations.

RECREATION


16. Our skill at volley ball increased to the point where the Sqn HQ teams have been soundly beaten on a number of occasions. It is rumoured that they pound their court at PHU THO HOA in additional determined training to take back the honours. The skill of both teams has been observed to vary inversely with the length of the time between start of E-B-Q and the matches.

17. On 19 August the PHU LAM Signal Battalion opened their new Other Ranks Club and this station presented them with a Corps wall plaque which now takes pride of place over their bar. It must be stated with considerable admiration for their efforts in this matter that it is the first unit bar in Vietnam to serve draught German beer.

STATISTICS

18. The data listed below follows in the form of graphs and tabulations:-

- a. Circuit Data Summary.
- b. Total Traffic Volume - MRS Saigon.
- c. Daily Traffic Volume - MRS Saigon.
- d. Total Traffic Volume - HQ AFV Sigcen
- e. Saigon - Nui Dat Circuit - Analysis of Circuit Time Lost.
- f. Saigon - Melbourne Circuit - Daily Availability.
- g. Saigon - Melbourne Circuit - Analysis of Circuit Time Lost.
- h. Trunk Telephone Circuit Availability.



.....Capt
(P.G. SKELTON)
OC AUSTCAN VIETNAM

CIRCUIT DATA SUMMARY - MAJOR RELAY STATION SAIGON
1 - 31 AUG 67

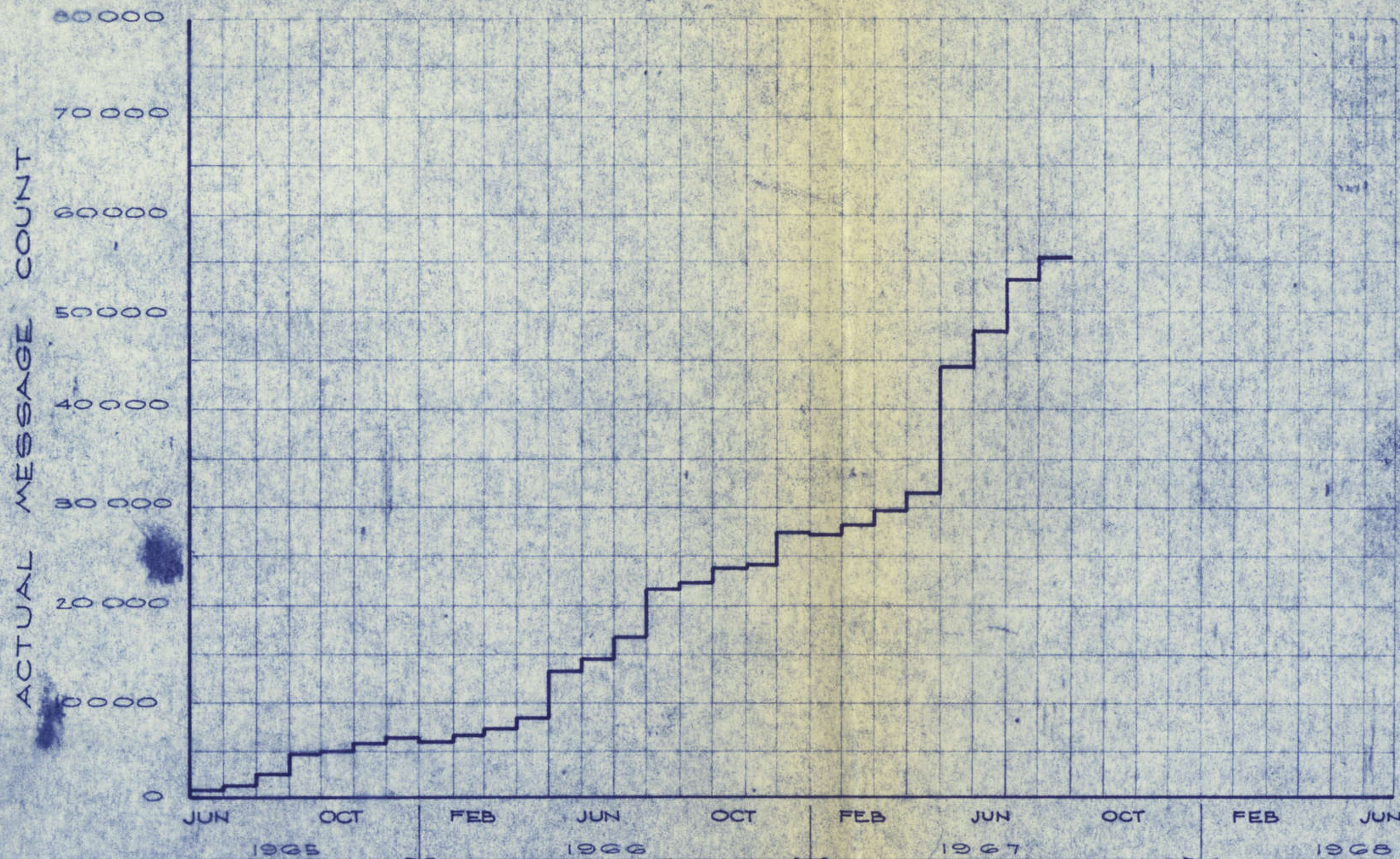
Circuit	Bearer	Circuit Availability		Traffic Data - Total Messages IN and OUT								TOTAL	ZFX, ZIG ZFR
		Hours/Day	%	FLASH	IMMEDIATE		PRIORITY		ROUTINE				
				No	No	%	No	%	No	%			
NUI DAT	US hired line (microwave/AN/TRC-24/line)	21.9	91.3	Nil	399	7	2747	45	2918	48	6,064	264	
AFV SIGCEN	Aust line	24.0	100.0	Nil	584	4	4812	39	6996	57	12,392	39	
MELBOURNE	Aust HF Radio	15.3	63.8	2	2128	11	8003	41	9259	48	19,392	1256	
PHAN RANG	US hired line (Troposcatter/ microwave)	22.2	92.5	Nil	265	7	2341	60	1322	33	3,928	235	
PHU LAM	US hired line (microwave/Land line)	23.2	96.7	2	1388	64	551	25	236	11	2,177	103	
VUNG TAU	Aust AN/TRC-24	19.4	80.8	Nil	965	9	5466	49	4672	42	11,103	829	
											55,056	2,726	
											57,782		

Notes:

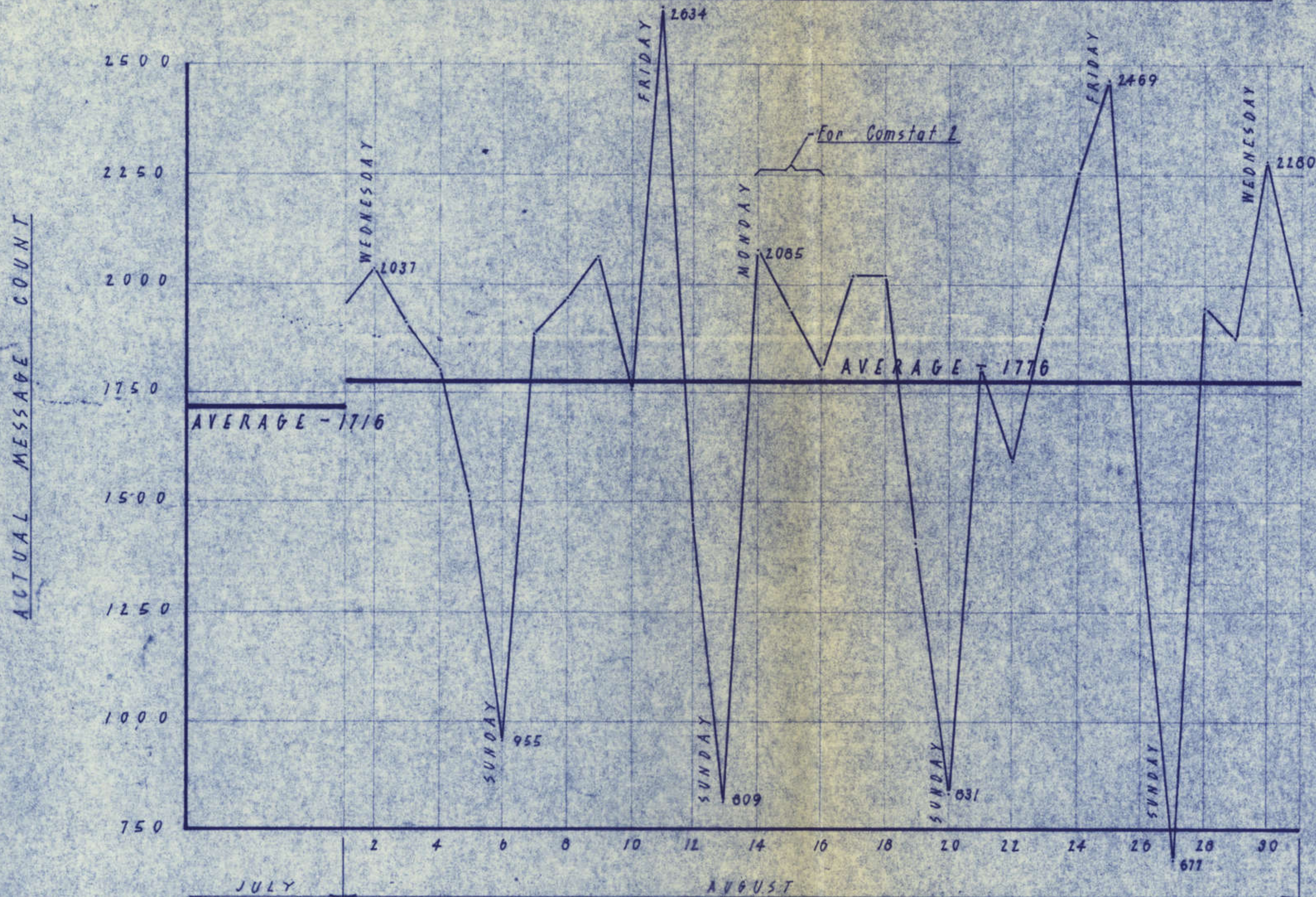
Notes:

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

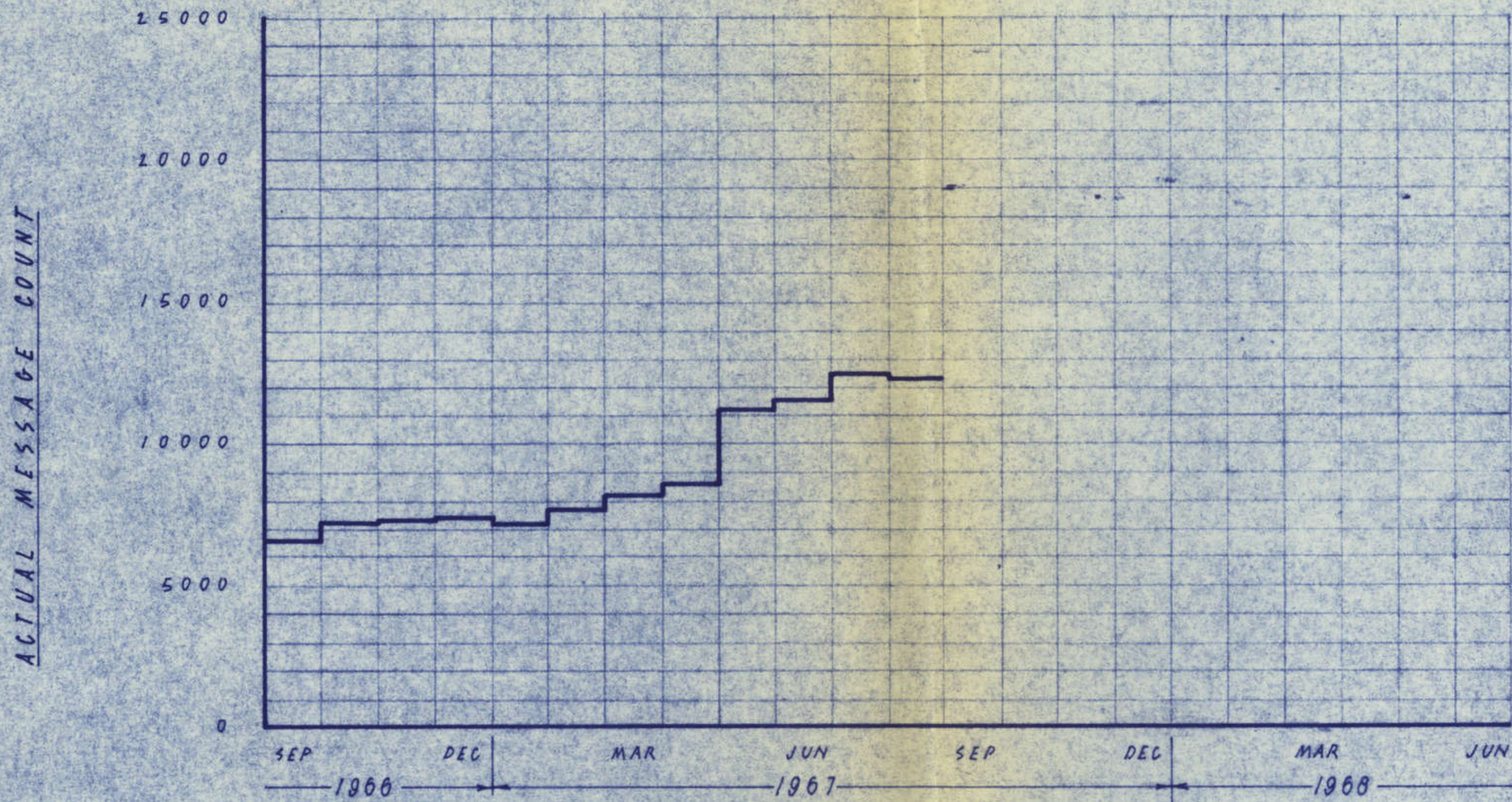
TRAFFIC VOLUME — MAJOR RELAY STATION SAIGON



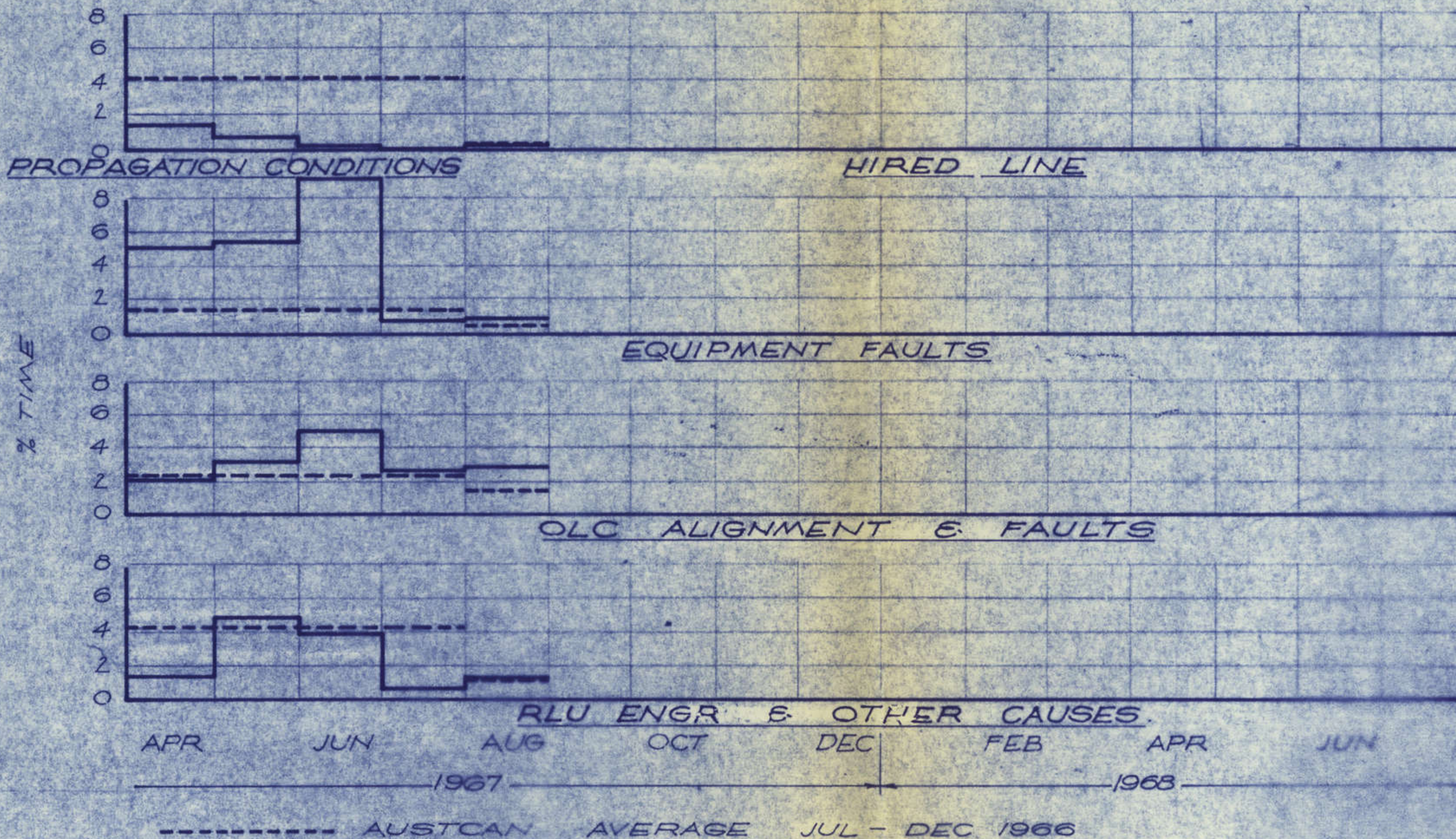
TOTAL DAILY TRAFFIC - SAIGON MRS AUGUST 67



TRAFFIC VOLUME — SIGNAL CENTRE SAIGON



ANALYSIS OF CIRCUIT TIME LOST. NUI DAT - SAIGON



DAILY CIRCUIT AVAILABILITY SAIGON - MELBOURNE
1 - 31 AUG 67

DATE	IN			OUT		
	AVAILABLE		OUTAGES	AVAILABLE		OUTAGES
1 AUG	21.7	QL 0.1 TD 0.2 RCD 1.0	RL 0.2 OC 0.3	20.8	QL 0.1 RCD 1.0 RL 0.2	QSY 1.2 RLU 0.6 OC 0.1
2 AUG	21.2	QSY 0.4 QSB 0.1	RLU 2.1 OA 0.2	19.7	QSB 1.3 QRM 2.3	RLU 0.4 OA 0.3
3 AUG	18.9	RCD 0.5 RCL 0.4 QRM 0.3	QSB 0.6 QRN 2.6 OA 0.5	20.8	QRN 1.2 RLU 1.4	OA 0.4 OC 0.2
4 AUG	10.2	OD 0.8 QRN 7.8 RLU 2.5	OA 0.1 OC 2.6	12.9	OD 0.8 RL 0.1 ZGN 4.3	QSY 0.9 QRN 3.8 RLU 0.3
5 AUG	17.3	OL 1.3 QSB 1.1 QSY 1.7	RLU 1.8 OA 0.3 OC 0.3	17.1	OL 1.3 QSY 0.9 ZGN 1.0	RLU 2.8 OA 0.3 OC 0.3
6 AUG	22.6	QRN 1.0 OA 0.1 OC 0.3		22.6	RLU 1.0 OA 0.1 OC 0.3	
7 AUG	16.9	RL 0.3 TL 0.2 QSB 0.9	QRN 1.0 QSY 0.2 RLU 3.9	16.9	QSB 1.3 QRM 2.1 QSY 0.2	RLU 3.0 HE 0.5

DATE	IN			OUT		
	AVAILABLE	OUTAGES		AVAILABLE	OUTAGES	
8 AUG	19.8	RL 0.1 QSB 0.3 RLU 2.8	OA 0.7 OC 0.3	19.9	QSB 0.5 QRM 2.1 OL 0.7	OC 0.8
9 AUG	10.7	RL 3.8 QRM 3.2 RLU 4.2	OA 0.4 OC 1.7	10.6	QSB 0.4 QRM 2.8 QSY 1.6	RLU 7.9 OL 0.4 OC 0.3
10 AUG	3.5	QRM 2.1 RL 16.5 RLU 0.5	OA 0.3 OC 1.1	8.9	QSB 0.5 RLU 14.0	OA 0.3 OC 0.3
11 AUG	18.2	OL 0.1 QSB 0.8 QRM 2.6	QRM 1.4 RLU 0.3 OA 0.6	17.2	OL 0.1 QSY 1.6	RLU 4.4 OA 0.7
12 AUG	14.2	RL 0.8 TL 0.2 QRM 0.3	QRM 6.4 RLU 0.2 OL 0.8	15.2	QSY 0.5 RLU 1.6	OA 0.8 OC 5.9
13 AUG	13.5	OL 0.9 QSB 1.1 QRM 0.5	QRM 3.6 OA 0.1 OC 4.3	13.5	OL 0.9 QSB 1.1 RLU 4.1	OA 0.1 OC 4.3
14 AUG	14.8	RL 1.4 QSB 1.0 QRM 4.7	QRM 0.8 RLU 0.7 OA 0.6	17.5	RL 0.7 QSB 0.3	RLU 4.9 OA 0.6

DATE	IN			OUT		
	AVAILABLE	OUTAGES		AVAILABLE	OUTAGES	
15 AUG	13.3	TL 0.2 QRM 5.4 RLU 3.1	OA 1.3 E 0.1 OC 0.6	16.7	QRM 0.3 RLU 2.2 OA 1.3	OC 3.4 E 0.1
16 AUG	7.1	QRM 12.4 QRN 0.1 RLU 1.2	OA 0.2 OC 3.0	8.8	QRM 0.5 QRN 0.5 RLU 11.1	QSY 0.2 OA 0.2 OC 2.7
17 AUG	12.5	ZGN 1.0 TL 2.6 QRM 2.9	QRN 2.4 QSB 0.1 RCL 1.6	14.0	RLU 9.4 OA 0.6	
18 AUG	7.9	TL 1.5 RCL 0.3 QRM 6.0	QRN 2.7 QSY 1.0 RLU 0.1	9.6	QRN 3.3 RLU 5.7	OA 3.5 OC 1.9
19 AUG	12.7	RCL 0.1 TD 0.4 TL 0.4	QRM 0.6 OA 1.0 OC 8.8	12.8	TD 0.4 QRM 0.2 RLU 1.1	OA 0.8 OC 8.7
20 AUG	16.7	OD 1.7 QSB 1.4 QRM 0.1	QSY 0.1 RCL 0.1 OA 0.2	18.3	RLU 2.6 OA 0.2 OC 2.9	
21 AUG	16.1	RL 0.8 QRM 2.6	QRN 3.9 OA 0.6	20.0	RL 0.2 RLU 3.2 OA 0.6	

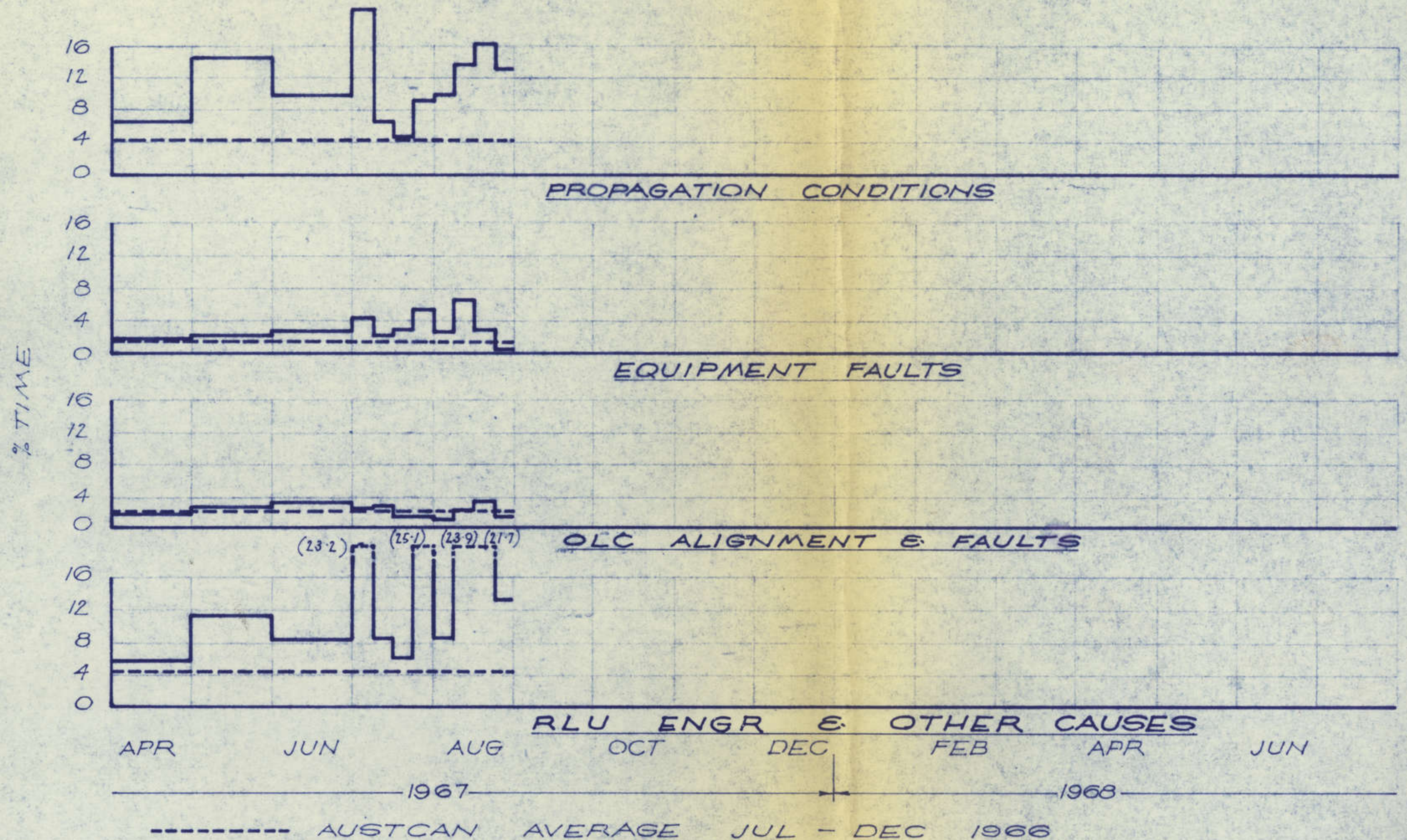
DATE	IN		OUT	
	AVAILABLE	OUTAGES	AVAILABLE	OUTAGES
22 AUG	9.3	QRM 3.1 QRN 7.6 OA 0.5	RLU 0.3 OC 3.2	13.6 QRM 0.2 QSY 0.3 RLU 8.8 OA 0.5 OC 0.6
23 AUG	6.9	RCL 0.3 TL 0.5 QRN 15.9	OA 0.1 OC 0.3	14.1 QRN 1.5 QSY 0.9 RLU 7.4 OA 0.1
24 AUG	12.0	QSB 1.5 QRM 1.9 QRN 1.4	OA 0.2 OC 7.0	17.4 QRM 1.9 QSY 0.7 RLU 0.6 OA 0.2 OC 3.2
25 AUG	20.3	QRN 2.1 OA 0.8	HE 0.2 OC 0.6	19.1 QSB 0.2 QRM 0.4 RLU 2.1 OA 0.9 HE 0.2 OC 1.1
26 AUG	18.6	QSB 1.7 QRM 2.7 RLU 0.3	OA 0.5 OC 0.2	16.7 RLU 6.7 OA 0.4 HE 0.2
27 AUG	22.6	ZGN 0.1 QRM 0.4 QSY 0.2	OA 0.1 OC 0.6	22.9 ZGN 0.1 RLU 0.6 OA 0.1 OC 0.3
28 AUG	12.2	ZGN 0.1 TL 0.3 QRM 1.5	QRN 7.9 OA 0.6 OC 1.4	17.7 QRN 1.0 RLU 5.1 OA 0.2

DATE	IN			OUT	
	AVAILABLE	OUTAGES		AVAILABLE	OUTAGES
29 AUG	9.5	TL 0.4 TD 0.5 QRM 9.4	QRN 3.2 OA 0.5 OC 0.5	10.9	RLU 12.8 OA 0.3
30 AUG	13.2	TL 0.2 QSB 3.8 QRM 1.6	OA 0.4 OC 0.3	18.5	RLU 5.3 OA 0.2
31 AUG	9.7	QSB 6.3 QRM 1.6	OA 0.4 OC 6.0	20.5	RLU 3.1 OA 0.4

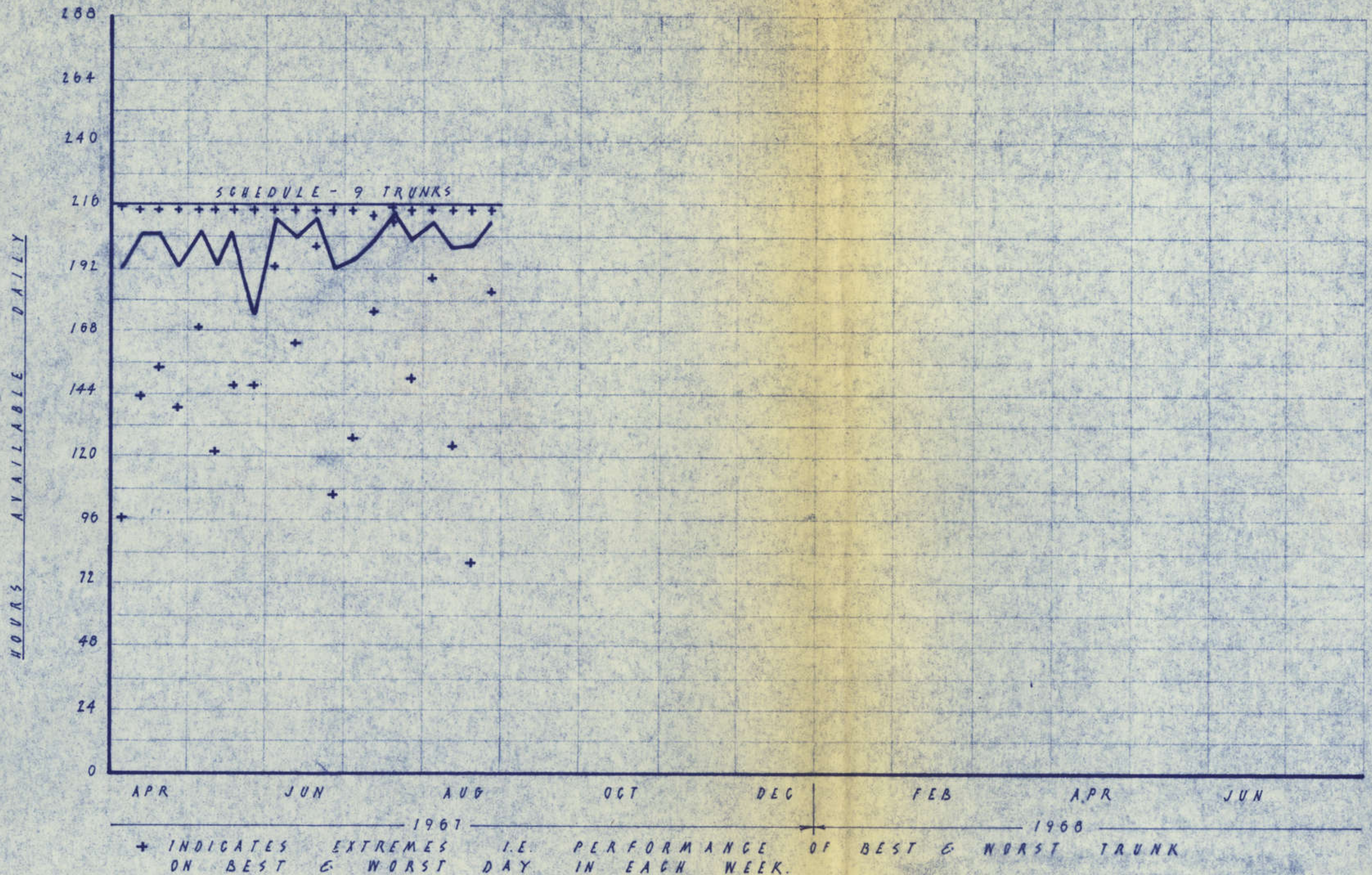
HOURS SCHEDULED : 744.0
 HOURS AVAILABL : 444.1
 AVAILABILITY : 59.7%
 JUL - DEC 66 AVERAGE : 83.2%

HOURS SCHEDULED : 744.0
 HOURS AVAILABLE : 505.2
 AVAILABILITY : 67.9%
 JUL - DEC 66 AVERAGE : 80.0%

ANALYSIS OF CIRCUIT TIME LOST SAIGON - MELBOURNE



TRUNK TELEPHONE AVAILABILITY



CONFIDENTIAL

CONFIDENTIAL