

Series: AWM95
Australian Army commanders' diaries
[Vietnam]

Artillery units

Item number: 3/7/5

Item: 4 Field Regiment

[4 Fd Regt RAA]

Narrative, Annexes

[1-30 Nov 1967]

COVERING LETTER

Reference No.

To: OIC, Military History Section, AHQ.

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

2. Please return receipt below.

(Signature) *Patrick K. Thomas* Capt

Appointment BC HQ Bty 4 Fd Regt RAA
(OC Unit or senior staff officer)

SECRET

ORIGINAL } Strike out where
DUPLICATE } not applicable

COMMANDERS DIARY

OF

Unit or Formation 4 Fd Regt RAA

From 1 Nov 67 To 30 Nov 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

NIL	to	.....
NIL	to	.....
NIL	to	.....
1	to	.....
NIL	to	.....
NIL	to	.....
1	to	.....
NIL	to	.....
NIL	to	.....
NIL	to	.....
1	to	24
1	to	.....

† 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 [redacted] 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

ANNEXES

as well as map references), establishment, equipment

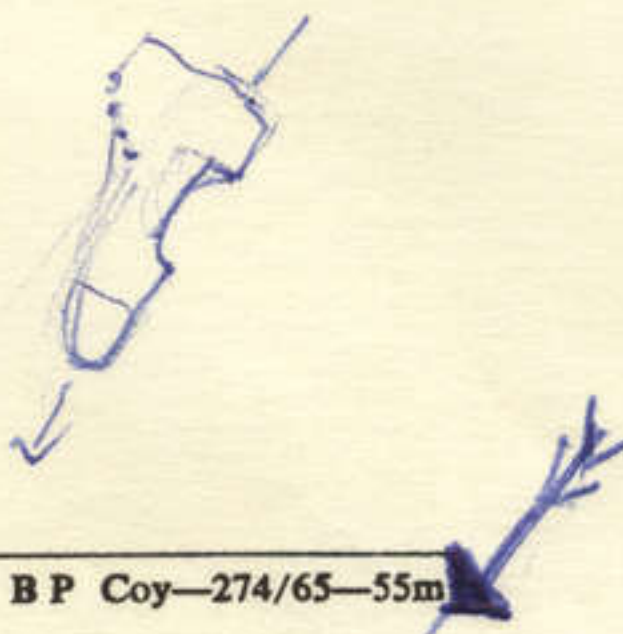
orders given.
the day's fighting, including company movements.
commander with regard to equipment, tactics, organization

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

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

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

(continued on back cover)



1 BP Coy—274/65—55m

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.



1 B P Coy—274/65—55m

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

COMMANDERS DIARY NARRATIVE

AF-C 2118 (Adapted)
Revised Jun, 1965

UNIT/FORMATION 4 Fd Regt RAA

MONTH AND YEAR November 67

REFERENCE MAP 1:50,000 Series Vietnam

COMMANDING OFFICER Lt Col R.J. Gardner

Place and grid reference	Date	Time	Event or information	Annex letter and enclosure number	
NUI DAT	1 Nov 67		Preliminary operations for SANTA FE continued. Regimental Information Sheet	N1	
	2 Nov 67		Regimental Information Sheet	N2	
	3 Nov 67	0800	4 Fd Regt RAA (-) moved to FSB LION		
		1300	A Bty 2/35 moved to FSB LIONZ Regimental Information Sheet		N3
	4 Nov 67		Regimental Information Sheet	N4	
	5 Nov 67	2400	108 Bty contacted by an unknown number of VC at YS 614817, who detonated two Chicom claymore mines resulting in 1 Aust KIA Regimental Information Sheet		N5
			6 Nov 67	2015	FSPB LION received 15 rounds of SA and mortar fire no friendly casualties Regimental Information Sheet	N6
	7 Nov 67	0249	Light probing of FSPB LION continued Regimental Information Sheet		N7
			8 Nov 67	2100	Light probing of FSPB LION continued Regimental Information Sheet	N8
	9 Nov 67		Regimental Information Sheet	N9	
10 Nov 67		Regimental Information Sheet	N10		

1 B P Coy—275/65—55m

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

COMMANDERS DIARY NARRATIVE

AF-C 2118 (Adapted)

Revised Jun, 1965

MONTH AND YEAR November 67

REFERENCE MAP 1:50,000 Series Vietnam

UNIT/FORMATION 4 Fd Regt RAA

COMMANDING OFFICER Lt R. J. Z Gardner

Place and grid reference	Date	Time	Event or information	Annex letter and enclosure number
NUI DAT	11 Nov 67		Regimental Information Sheet	N11
	12 Nov 67		Regimental Information Sheet	N12
	13 Nov 67		Regimental Information Sheet	N13
	14 Nov 67		Regimental Information Sheet	N14
	15 Nov 67		Regimental Information Sheet	N15
	16 Nov 67		106 Bty returned to 1 ATF Base Loc	
			108 Bty re deployed at XUYEN MOC	
			A Bty 2/35 moved to YS613705	
			Regimental Information Sheet	N16
	17 Nov 67		A Bty 2/35 Returned to 1 ATF Base Loc	
			Regimental Information Sheet	N17
	18 Nov 67		1 ATF concluded its participation in OP SANTA FE	
		0930	108 Bty returned from XUYEN MOC to the HORSESHOE	
			Regimental Information Sheet	N18
	19 Nov 67		Regimental Information Sheet	N19
	20 Nov 67		Regimental Information Sheet	N20
	21 Nov 67		Patrolling of the TAOR continued	
	22 Nov 67		Patrolling of the TAOR continued	

1 B P Coy-275/65-55m

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

COMMANDERS DIARY NARRATIVE

AF-C 2118 (Adapted)
Revised Jun, 1965

MONTH AND YEAR November 67

REFERENCE MAP 1:50,000 Series Vietnam

UNIT/FORMATION 4 Fd Regt RAA

COMMANDING OFFICER Lt Col R. J. Gardner

Place and grid reference	Date	Time	Event or information	Annex letter and enclosure number
NUI DAT 23 Nov 67	23 Nov 67		Operation FORREST commenced	
	24 Nov 67		Operation FORREST continues	
	25 Nov 67		Operation FORREST continues	
	26 Nov 67		Regimental Information Sheet	N21
	27 Nov 67		Cordon and search of HOA LONG by 7 RAR and 106 Bty (dismounted)	
			Regimental Information Sheet	N22
	28 Nov 67		Regimental Information Sheet	N23
	29 Nov 67		Regimental Information Sheet	N24
	30 Nov 67		Operation FORREST continues	

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The information given in this document is not to be communicated, either directly or indirectly, to the Press or to any person not authorised to receive it

Serial V20
Numbers 153-158

AUSTRALIAN MILITARY FORCES

ROUTINE ORDERS PART 1

BY

MAJ G. M. SALOM

ADM COMD 4 FD REGT RAA

NUI DAT

8 NOV 67

- 153. EDUCATION AWARDS AND POST GRADUATE SCHOLARSHIPS - SERVICES CANTEENS TRUST FUND
- 154. CHRISTMAS PARCEL POST
- 155. VEHICLE ACCIDENTS
- 156. MEMBERS ELIGIBLE TO WEAR THE RIBBON OF THE VIETNAM MEDAL
- 157. MEMBERS ELIGIBLE TO WEAR THE RIBBON OF THE VIETNAMESE CAMPAIGN MEDAL
- 158. DISCIPLINE 25 OCT - 8 NOV 67

153. EDUCATION AWARDS AND POST GRADUATE SCHOLARSHIPS - SERVICE CANTEENS TRUST FUND

1. Applications are now being invited by the Trustees of the Services Canteens Trust Fund for the 1968 education awards, higher training education awards and post graduate scholarships. Children eligible to receive these awards and scholarships are those whose father or mother served in the Australian Forces between 3 Sep 39 and 30 Jun 67.

2. Details are contained in the three attached notices.

3. Sub-unit routine orders are to direct attention to the contents of the notices, a copy of which is to be placed on sub-unit notice boards.

154. CHRISTMAS PARCEL POST

1. All members are to be encouraged to post early if they wish to ensure that parcels are delivered to addressees in time for Christmas.

2. Movement of Christmas parcel mail will be by:

a. Regular RAAF C130 Courier.

b. Chartered civil aircraft (subject to space availability).

c. 'Jeparit' on return voyage II.

3. Due to the large volume of parcel mail expected, it is unlikely that RAAF couriers and charter aircraft will be able to cope with other than a small part of the required movement.

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...../4. It is,

4. It is, therefore, obvious that all members should be encouraged to post early enough for their parcels to be shipped to Australia on Jeparit voyage II.

5. In order to ensure that parcel mail may be loaded on Jeparit, the following cut off date is to apply at AFPO 4; 12 Nov 67.

155. VEHICLE ACCIDENTS

1. Please advise all drivers that where traffic conditions permit, vehicles that have been involved in an accident are to be left in position until the provost arrive. Common sense must prevail and if traffic is likely to be impeded the driver is authorised to move his vehicle to a safe location.

156. MEMBERS ELIGIBLE TO WEAR THE RIBBON OF THE VIETNAMESE MEDAL

The following members are eligible to wear the ribbon of the Vietnam Medal subject to verification from CARO:

2785989	Gnr	K. W.	RUCKER	2786423	Gnr	B. J.	RENNARD
1732669	"	G. A.	BURTON	2785889	Gnr	R. C.	McFARLANE
2785912	"	K. J.	MARSH	1732659	Gnr	D. R.	BASSETT
6708788	"	A. R.	McCULLAGH	1732689	Gnr	J. M.	DALTON
2786419	"	R. R.	PRESTON	1732666	Gnr	R. T.	BRIESE
2786040	"	J. A.	THORBURN	2786173	Gnr	S. J.	COOPER

157. MEMBERS ELIGIBLE TO WEAR THE RIBBON OF THE VIETNAMESE CAMPAIGN MEDAL

The following members are eligible to wear the ribbon of the Vietnamese Campaign Medal subject to verification from CARO:

35220	Maj	E. D. M.	CAPE	16913	Bdr	D. W.	CROOK
235275	Capt	J. H.	PHILLIPS	61587	Bdr	L. M.	EYRE
235217	Capt	B. H.	MITCHELL	214297	Bdr	K. T.	LAKEY
A2146837	Capt	D. L.	BRADFORD	16957	Bdr	R. C.	THORP
A510848	Lt	D. J.	BANCKS	61479	Bdr	D. J.	SUHR
				18458	Bdr	K. J.	TENNANT
A279583	Lt	N. H.	CLARK	2784003	Bdr	S. L.	JONES
43129	2Lt	I. M. P.	YERBURY	5411264	Bdr	A. J.	HUTCHESON
2783535	2Lt	P. J.	HARNWELL	5411535	Bdr	P. J.	SMITH
34284	WO1	L. M.	ALMOND	3788802	Bdr	R. C.	BONNESS
12639	WO2	H.	IDDON	2781690	Bdr	J. R.	CREBER
13363	WO2	G. R.	ROBERTSON	2783439	Bdr	G. M.	GOW
24716	WO2	R. J.	BROWN	36412	Bdr	H. N.	GRUNDELL
29758	SSgt	W. G.	MOORE	1200744	Bdr	P. O.	KELLY
29549	Sgt	K. T.	MURPHY	18227	Bdr	R. L.	McCABBIN
17616	Sgt	M. J.	STOCKBRIDGE	15547	Bdr	S. M.	OXENHAM
25224	Sgt	P. J.	MALLON	2782950	Bdr	E. E.	SAWYER
42576	Sgt	R. J.	ALLAN	2783838	Bdr	S. K.	STEVENS
29135	Sgt	R. H.	JOHNSON	24955	Cpl	M. F.	O'SULLIVAN
37677	Sgt	F.	WITTMER	2784561	Cpl	I. W.	HALL
15574	Sgt	W. D.	PHIE	311232	Cpl	E. S.	MARTIN
5411197	Sgt	B. P.	McDONNELL	52934	LCpl	K. J.	EGAN
6684	Sgt	L. H.	LINCOLN	15449	LBdr	A. C.	MURRAY
212638	Sgt	J. R.	McCANN	25026	LBdr	C. E.	McGARRY
34588	Sgt	J. D.	TREGENZA	2783506	LBdr	P. J.	CANNING
29756	Sgt	J. R.	WARD	2784235	LBdr	R. T.	LAWLER
18687	Sgt	D. J.	BAILEY	2412423	LBdr	C. D.	CAMPEY
53111	Sgt	E. G.	DOUST	38824	LBdr	V. D.	BAKER
18689	Sgt	G. A.	RICHARDSON	3788362	LBdr	I. N.	CLYNE
52837	Sgt	T. L.	WAGHORN	5411609	LBdr	R. K.	DARRINGTON
342848	Sgt	F. L.	WALTER	3789190	LBdr	R. H.	GOWLING
3787938	Bdr	P. S.	HOPPER	5714094	LBdr	J. J.	HANLEY

...../LBdr I. A. TAYLOR

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212567	LBdr	I. A.	TAYLOR	2783812	Gnr	R. F.	SELWAY
216941	LBdr	J. R.	WEAVER	55194	Gnr	W.	SETZINGER
16776	LBdr	A. D.	DODDS	215885	Gnr	G. J.	TYLER
2783210	LBdr	V.	DANKO	2783557	Gnr	R. A.	WARE
2783429	LBdr	P. W.	FLETCHER	3411835	Gnr	R. C.	WHITE
2783695	LBdr	B. D.	IRVINE	5714344	Gnr	B. E.	WAKEFIELD
1731550	Gnr	J. T.	BLAKE	43560	Pte	I. C.	SCHAHINGER
1732289	Gnr	W. S.	BROOKER	3789007	Gnr	G. T.	ALLAN
2783213	Gnr	T. J.	BRUCE	5714449	Gnr	J. E.	AVERY
6708462	Gnr	M. L.	CAMPBELL	1200880	Pte	A. K.	BERRY
17648	Gnr	J. J.	CLENDINEN	4718308	Gnr	D. R.	BLENKIRON
1732012	Gnr	P. G.	DICKSON	1411272	Gnr	R. S.	BROWN
2784745	Gnr	G. C.	DIGHAM	216529	Gnr	M. B.	BURCHAM
3789614	Gnr	R. J.	EVANS	3788772	Gnr	B. B.	BURROW
1732029	Gnr	A. V.	GOLDSMITH	3789044	Gnr	P. J.	BYRNE
2784565	Gnr	G. N.	GREEN	2783353	Gnr	M. R.	CATLETT
3788307	Gnr	M. W.	HABBen	1731576	Pte	G. J.	COOK
1732039	Gnr	L. G.	HEMMING	1731427	Pte	M. J.	CRAWFORD
3786659	Gnr	F. J.	IPSA	39042	Gnr	L. G.	CURD
216504	Gnr	M. G.	KING	1732072	Gnr	R. G.	CUZZUBBO
3788775	Gnr	R. C.	LONG	3789763	Gnr	E. F.	DOCHERTY
2783237	Gnr	K. C.	LONG	3789156	Gnr	J. R.	EDWARDS
3788973	Gnr	A. W.	MORLEY	3789155	Gnr	T. H.	EVANS
2784019	Gnr	R. G.	McDONNELL	1731593	Gnr	P. J.	FAIRON
2783740	Gnr	K. E.	McNAMARA	3789196	Gnr	H.	GAWELL
2783771	Gnr	E. G.	NEWBOLD	3789824	Gnr	R. H.	GIBBONS
1732195	Gnr	L. E.	OUTEN	6708573	Gnr	J.	GODFREY
2785002	Gnr	N.	PROSKURIN	3789887	Gnr	R. J.	HAM
1731920	Gnr	R.	RETROT	1732041	Gnr	R. M.	HOGDEN
38516	Gnr	R. A.	SAUNDERS	2412520	Gnr	R. J.	HOLZE
4718471	Gnr	S. W.	SPORN	2782609	Gnr	G. G.	KIRBY
3790244	Gnr	Y.	TROYNAR	3788459	Gnr	T.	KRYWOKULSKI
1732218	Gnr	J. R.	VICKERY	38180	Gnr	L. W.	KURYLOWICZ
1411172	Gnr	R. A.	WEBB	5714539	Gnr	H.	LAHOUSSE
3789591	Gnr	H. R.	WEBER	1411269	Gnr	D. R.	LANE
2783898	Gnr	G. P.	WOOD	2784239	Gnr	R. D.	LEMMICH
2783298	Gnr	K. D.	BAILEY	38836	Gnr	I. J.	LESLIE
43009	Gnr	A. G.	BREGLEC	3789355	Gnr	R. W.	MARSH
2783282	Gnr	P. C.	BURTON-GIBBS	1732175	Gnr	P. J.	McBARON
2782162	Gnr	I. D.	BURRETT	3788169	Gnr	A. C.	McLEAN
2783937	Gnr	B. J.	CARTER	1732177	Gnr	C. R.	McMANIMM
1732431	Gnr	D. C.	CLAPPERTON	5714147	Gnr	A. L.	MITCHELL
2783377	Gnr	J. T.	CRANFIELD	2783562	Gnr	D. J.	MURRAY
3788636	Gnr	R. B.	CRAWSHAY	3789399	Gnr	C.	NICOLA
3788570	Gnr	M. J.	DUTHIE	1731829	Gnr	L. E.	NEWMA
54947	Gnr	J. W.	DICKINSON	3788709	Gnr	B. J.	PATTERSON
1732021	Gnr	T. J.	FIRMIN	3789452	Gnr	L. A. W.	PRIEMS
43505	Gnr	P. W.	FOX	3788814	Gnr	I. H.	QUAKE
4410829	Gnr	B. N.	FIELDHOUSE	5714584	Gnr	R. W.	REID
3788639	Gnr	L. G.	FREELAND	5411640	Gnr	H. W.	RIEMERSMA
6410223	Gnr	R. T.	HARLOW	2785516	Gnr	R. E.	RILEY
1200626	Gnr	J. C.	HAUCK	1731703	Gnr	G.	ROLLEY
3788759	Gnr	A. P.	JAMES	3789462	Gnr	R. J.	RUTHERFORD
4717974	Gnr	R. B.	KEMP	5714594	Gnr	R. K.	SMITH
4411034	Gnr	R. J.	LEMM	3789510	Gnr	P. F.	STAINTHORPE
215884	Gnr	C. J.	LEWIS	43817	Gnr	B. J.	SWEENEY
217155	Gnr	P.	LEE	3788208	Gnr	A. H.	TEICHMANN
3788843	Gnr	G. W.	McINNES	1731721	Gnr	A. W.	THRING
2783086	Pte	P. R.	PONO	16956	Gnr	N. W.	TICKNER
3411841	Gnr	A. T.	PHILLIPS	4718071	Gnr	G. L.	WADE
1731493	Gnr	D. S.	ROBERTSON	2784697	Gnr	M. B.	WILLIAMS
2412500	Gnr	G. W.	ROACH	5714227	Gnr	R. E.	WINNETT
				5714524	Gnr	R. S.	HOWELL

...../DISCIPLINE

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158: DISCIPLINE - 25 OCT - 8 NOV 67

Following is a list of offences and punishments for members of 4 Fd Regt RAA:

<u>Number</u>	<u>Rank</u>	<u>Name</u>	<u>Offence</u>	<u>Punishment</u>
2784396	Gnr	P.A. CROKER	AA40 - Whilst engaged in fire msn left his post without permission	14 Days Loss of Pay - 14 Days Field Punishment
3788802	T/Bdr	R. C. BONNESS	AA40 - Drove vehicle without Army license. AA19 - Drunkenness. AA8(2)- Offering violence to his superior officer. AA8(2)- Striking his superior officer.	Severe Reprimand Fine \$40

[Signature]
Capt
Adjt 4 Fd Regt RAA

NOTICES

Note:

The next three pages will contain the following notices:

1. SERVICES CANTEENS TRUST FUND = EDUCATION AWARDS - 1968
2. SERVICES CANTEENS TRUST FUND - HIGHER TRAINING EDUCATION AWARDS
3. SERVICES CANTEENS TRUST FUND - POST GRADUATE SCHOLARSHIP

These notices are to be posted on sub-unit notice boards.

...../NOTICE 1

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NOTICE 1

SERVICES CANTEENS TRUST FUND

EDUCATION AWARDS - 1968

1. Applications for Education Awards for 1968 from the Services Canteens Trust Fund are now being invited by the Trustees of the Fund. Applications close on 15th October, 1967.

2. The Awards range up to \$400 for the year, depending on the type of course, the parents' income, and the number of dependants in the family.

3. Due to the limited funds available Education Awards are granted only to eligible persons when the Adjusted Family Income is not more than:

a. \$1,000 in the case of orphans and where there are exceptional circumstances, such as the student having to live away from home to attend school, children of Social Services pensioners and children in separated, divorced or deserted families.

b. \$900 in other cases.

The Adjusted Family Income is calculated by taking the Gross Income of the Family and deducting 10% of that income for each dependant up to a Gross Income of \$2,400 and \$240 for each dependant when the Gross Income exceeds \$2,400.

4. Those who are eligible are the children of men and women who served in the Australian Forces between the 3rd September, 1939 and the 30th June, 1947 and who during 1968 will be 15 years or over, 12 years and over in the case of orphans, and 13 and 14 years where there are exceptional circumstances.

5. Priority will be given to Education Awards for secondary education but Awards for other types of education will be considered if sufficient funds are available for the year after providing for secondary courses.

6. The object of the Trustees is to assist eligible children to remain at school to attain the highest standard of education for which they are suited and so qualify for their selected avocation in life.

NOTICE 2

SERVICES CANTEENS TRUST FUND

HIGHER TRAINING EDUCATION AWARDS

1. The Trustees of the Services Canteens Trust Fund are inviting applications for Education Awards for Post Graduate studies in ancillary services to Medicine, Welfare and Science, such as:

Nursing (Male and Female)
Physiotherapy
Speech Therapy
Occupational Therapy
Orthoptic Therapy
Laboratory Technician.

2. The Awards will be granted for any full-time post-graduate course at the College or Training Centre selected and will be tenable for the period prescribed for the course.

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3. Post-Graduate Nursing courses for which Awards may be granted will be approved course at the College of Nursing, Australia, or the New South Wales College of Nursing.

4. Higher Training Education Awards for Physio, Speech and Occupational and Orthoptic Therapy, Laboratory Technician or other courses will be available for approved courses at Training Institutions in Australia accepted by the Trustees for the purposes of Higher Training Education Awards.

5. The Trustees will also consider applications for Higher Training Education Awards in the fields specified above at Training Centres overseas provided such course or equivalent training is not obtainable in Australia.

Value of Awards

6. The value of Higher Training Education Awards will be determined by the Trustees in each case and will be designed to cover the costs involved in the course, such as fees, books, stationery required for the course, fares as necessary and a reasonable maintenance allowance.

Eligibility

7. Any person whose mother or father served in the Australian Armed Forces between 3.9.39 and 30.6.47 is eligible to apply for an Award. Persons who themselves served in the Forces during the 1939-45 War but neither of whose parents served during the War are not eligible.

Qualifications

8. The applicant must possess the qualifications prescribed by the College or Training Course concerned to enter upon the course proposed. A formal academic qualification, such as Leaving or Matriculation Certificate is not essential provided the applicant is in every way suitable and qualified to undertake the course proposed.

How to Apply

9. Applications must be made on the prescribed Form which can be obtained from the General Secretary or a Regional Secretary of the Services Canteens Trust Fund.

Closing Date

10. Applications must be lodged with the General Secretary of the Services Canteens Trust Fund, Victoria Barracks, St.Kilda Road, Melbourne not later than 1st December, 1967, irrespective of the date the course proposed commences next year.

Addresses of Regional Secretaries

<u>QLD</u>	Victoria Barracks, Brisbane
<u>NSW</u>	65 York Street, Sydney
<u>VIC</u>	Victoria Barracks, Melbourne
<u>SA</u>	22 Grenfell Street, Adelaide
<u>WA</u>	Swan Barracks, Perth
<u>TAS</u>	Angelsea Barracks, Hobart.

.....Notice 3

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NOTICE 3

SERVICES CANTEENS TRUST FUND

POST GRADUATE SCHOLARSHIP

1. The Trustees of the Services Canteens Trust Fund are inviting applications for a Post Graduate Scholarship for study Overseas.
2. The fields of study in which the Scholarship may be awarded are:
 - a. Any course at any approved University or Institution throughout the World.
 - b. Travelling scholarship in any field.
3. An applicant wishing to pursue any other branch of study may apply to the Trustees for A Scholarship in that field.

Value of Scholarship

4. The scholarship is valued at \$A2,500 per annum and will be tenable for a period of up to three years.

Eligibility

5. The scholarship is open to a child (including step-child, adopted child or ex-nuptial child) of a person who was at any time between 3rd September, 1939 and 30th June, 1947:
 - a. A member of the Naval, Military or Air Forces of the Commonwealth of Australia.
 - b. A member of any nursing service or women's service attached or ancillary to any branch of the Defence Force of the Commonwealth of Australia.
 - c. A member of the canteens staff of any ship of the Royal Australian Navy, and any person duty accredited to any part of the Defence Force who served in an official capacity on full time paid duty.

Selection

6. Selection will be entirely on merit and will be competitive. The Scholarship will be granted only to an applicant who, in the opinion of the Trustees, has outstanding ability, is of suitable character and is likely to obtain lasting benefit to himself or herself and to Australia by further study. The scholarship will not necessarily be awarded each year.
7. The following will be taken into consideration in determining the award of the scholarship:
 - a. Academic career.
 - b. Ability for research work.
 - c. Character.
 - d. Extra Curricula activities.
 - e. The future value to Australia of the subject of research or study.

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8. The selection each year of the scholar to be awarded the scholarship will be made from all applications received from eligible persons by the prescribed closing date.

Closing Date

9. Applications must be lodged with the General Secretary, Services Canteens Trust Fund, Victoria Barracks, St Kilda Road, Melbourne by 1st November, 1967. Applications should be transmitted through the Regional Secretary in the State in which the applicant resides.

Application Forms

10. Application Forms and any further information may be obtained from the General Secretary whose address is shown above or a Regional Secretary of the Fund. The addresses of Regional Secretaries are:

<u>QLD</u>	Victoria Barracks, Brisbane
<u>NSW</u>	65 York Street, Sydney
<u>VIC</u>	Victoria Barracks, Melbourne
<u>SA</u>	22 Grenfell St, Adelaide
<u>WA</u>	Swan Barracks, Perth
<u>TAS</u>	Angelsea Barracks, Hobart.

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1 ATF
NUI DAT

240800H Oct 67

OPS 1740

OP O 35/67 (Op SANTA FE)

Ref: A. L7014, Sheets 6430 I, 6430 II, 6430 III, 6530 III, VIETNAM, Edition
1 AMS, 1:50,000.

Time zone used throughout this order: HOTEL.

1. Situation.

a. En Forces. Annex A and P.

b. Friendly Forces.

(1) Task Organisation.

(a) HQ 9 Div.

(b) HQ 9 Div Arty.

(c) HQ 1 Bde 9 Div, one inf bn, one mech bn, 3/5 Cav (-).

(d) 11 ACR (-).

(e) One regt 18 Div ARVN.

(f) One land clearing team from 20 Engr Bde.

(g) Coy A 5 SFGA USSF Det B - 36.

(h) 1 ATF.

(2) Grouping. Annex B.

(3) 9 Div Concept of Operations. Annex Q.

(a) Phase 1. 3 Nov to 13 Nov.

i. Deploy forces and establish FSPB.

ii. Block escape routes to the NORTH across Highway 1.

iii. Locate and destroy elements of 5 VC Div.

iv. Jungle clearing on Highways 1, 330, 331.

(b) Phase 2. 14 Nov to 30 Nov.

i. Continue search and destroy operations if required.

ii. Jungle clearing on Highway 330.

iii. Prepare to continue operations to the EAST.

2. Mission. 1 ATF is to:

a. In close cooperation with 9 Div and 18 Div ARVN during the period
3 to 30 Nov 67 attack and destroy elements of 5 VC Div in the MAY TAO
Secret Zone.

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- b. Secure FSPB LION YS6181 by 031200H Nov 67.
- c. Be prepared to protect land clearing teams in AO.

3. Execution.

a. General Outline. Three Phases.

(1) Phase 1. 26 Oct to 1 Nov.

(a) On 26 Oct. 2 RAR move by APC to harbour area YS4674.

(b) On 27 Oct.

i. A Sqn 3 Cav Regt (-) with a coy 7 RAR secure FSPB WILTON YS5476 for fly in of 4 Fd Regt (-) and 7 RAR (-).

ii. 2 RAR and 7 RAR commence search and kill in allotted AOs until 1 Nov.

(c) On 28 Oct. A Bty 2/35 Arty (US) move to WILTON.

(2) Phase 2. 2 Nov to 13 Nov.

(a) On 2 Nov. 7 RAR (-) secure LION YS6181.

(b) On 3 Nov.

i. 106 Fd Bty and 108 Fd Bty fly into LION.

ii. Tp 3/5 Cav lay bridge over the SONG RAI at CHUNKY YS5976.

iii. A Sqn 3 Cav Regt (-), coy 7 RAR, A Bty 2/35 Arty (US) move from WILTON to LION.

iv. 2 RAR, 7 RAR, 3/5 Cav search and kill in allotted AOs.

v. Tp 3/5 Cav move from CHUNKY to LION.

(3) Phase 3. 14 Nov to 30 Nov.

(a) 1 ATF is to be prepared to:

i. Continue search and destroy operations in own and 9 Div AOs.

ii. Assist in protecting land clearing teams.

iii. Move further to the EAST to continue operation SANTA FE 2.

iv. Move back to NUI DAT if enemy encountered is not sufficient to warrant staying in the AO.

(b) Orders later.

b. 2 RAR.

(1) Phase 1.

(a) At 261400H Oct move by APC to assy area at YS4674.

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(b) By 270800H Oct detach one sect mor pl under comd 7 RAR base camp NUI DAT.

(c) On orders at approx 271100H Oct move by foot from the assy area and search and kill in AO BARRACUDA completing the task by 011200H Nov.

(d) Highway 327 is inclusive and is to be cleared for mines and booby traps.

(e) CHUNKY is to be secured by 011200H Nov and handed over to A Sqn 3 Cav at approx 030800H Nov.

(f) By 020800H Nov concentrate near a PZ and be prepared to act as ready reaction force for 7 RAR.

(2) Phase 2.

(a) On orders at approx 031000H Nov commence search and kill in AOs GREYNURSE and STINGRAY completing the task by 131600H Nov.

(b) Highway 328 is inclusive except in AO LION.

c. 7 RAR.

(1) Phase 1.

(a) At 270800H provide one coy and two mor sects (in APC) under op con of A Sqn 3 Cav Regt for the capturing and securing of WILTON and the subsequent move to LION on 3 Nov. When in WILTON and LION this coy and the mors will come under comd of 2IC 4 Fd Regt for the local protection of the FSPBs. The coy may be rotated.

(b) At 271400H move by helicopter from LUSCOMBE to WILTON and search and kill in AO SWORDFISH completing the task by 011200H Nov.

(c) The SUOI TAM BO is inclusive. However MOUSE TRAP drills are to apply if it is necessary to cross the river and operate on the NORTH bank.

(2) Phase 2.

(a) At 020800H Nov commence the securing of the FSPB in LION at centre of mass YS613814. This task is to be completed by 021600H Nov.

(b) On orders at approx 031000H Nov commence search and kill operations in AOs OCTOPUS and GROPER. Complete by 131600H Nov.

(c) The SONG RAI is inclusive but liaison is to be effected with 3/5 Cav when operating near the WEST side of OCTOPUS and GROPER.

d. 3/5 Cav.

(1) By 030800H Nov a tp with two AVLBS are to report to WILTON, move forward to CHUNKY and erect the AVLBS over the SONG RAI by 031300H Nov.

(2) Take over the bridge site protection from A Sqn 3 Cav Regt so that they can commence clearing to LION.

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(3) At 031500H 3/5 Cav (-) is to be in position NW of MARLIN and TUNA and on orders attack into these AOs operating along the ridge lines in a SE direction. The search and destroy operations in these AOs is to be completed by 131600H Nov.

(4) At approx 031600H Nov when all tps from WILTON have passed over the bridge at CHUNKY, reclaim the bridge, and move to LION. On reaching LION be prepared to move to FSPB TIGER YS6490 to assist in the protection of that base.

e. A Sqn 3 Cav Regt.

(1) Phase 1.

(a) At 261400H Oct move 2 RAR to YS4674 and then return to NUI DAT.

(b) At 270800H Oct take comd of a party consisting of one coy 7 RAR, two mor sects 7 RAR and engr dozer party and secure WILTON by 271000H in preparation for the fly in of 4 Fd Regt (-). When 4 Fd Regt (-) is complete in WILTON return one tp to NUI DAT and come under comd 2IC 4 Fd Regt for local protection.

(c) At 280800H Oct escort A Bty 2/35 Arty (US) to WILTON.

(d) During the operation one tp is to remain in NUI DAT. This tp is to be prepared to back load arty produce from WILTON.

(2) Phase 2.

(1) At 021500H Nov be prepared to escort a road convoy to WILTON. This convoy is to back load arty produce. The APC escort is to remain at WILTON overnight and at approx 031030H Nov when all tps have left WILTON escort the road convoy back to NUI DAT.

(2) At 030700H Nov take comd of a party consisting of one coy 7 RAR, mor and engr det and commence clearing Highway 327 to CHUNKY. When in loc at CHUNKY take over the protection role from coy 2 RAR. When tp 3/5 Cav has erected the bridge clear Highways 327, 328 from CHUNKY to LION. It is expected these Highways will be mined.

(3) On orders at approx 031300H Nov escort A Bty 2/35 Arty (US) from WILTON to LION.

(4) On reaching LION on 3 Nov come under comd 2 IC 4 Fd Regt for local protection and be prepared to act as a ready reaction force for 1 ATF.

f. Artillery.

(1) 4 Fd Regt. Remains in DS. Provide one bty for the close sp of the base area.

(2) 1/83 arty. Remains in GS reinforcing 1 ATF. Be prepared to deploy one bty to the HORSESHOE YS4962.

(3) A Bty 2/35 Arty. Under op con 4 Fd Regt from 261800H. Be prepared to pass to in DS 3/5 Cav if ordered.

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(4) 1 ATF Det 131 Div Loc Bty. Continue present msn. Be prepared to deploy to FSPB LION:

(a) One radar det.

(b) One LP.

(c) Svy det to move with recce parties 4 Fd Regt.

(5) CB. Under 1 ATF con. Active throughout.

(6) AWCC.

(a) NUI DAT Arty remains open throughout.

(b) XUAN LOC Arty 'A' will be established by 9 Div Arty on 3 Nov.

g. 1 Fd Sqn.

(1) Continue AP SUOI NGHE preparation.

(2) Provide engr combat teams and mini teams to 2 RAR, 7 RAR and A Sqn 3 Cav Regt as detailed in Annex B.

(3) Hold on immediate standby:

(a) Pool of combat engrs and explosives.

(b) Tunnel clearing equipment.

(4) At 270800H Oct provide an engr det of three light dozers for movement under cav escort to WILTON. These dozers are to be prepared to assist in preparation of WILTON and LION and bridge site preparation at CHUNKY if required. Move from WILTON to CHUNKY is to be under cav escort at approx 030700H Nov.

h. 1 SAS. Be prepared to provide stay behind patrols in WILTON, SWORDFISH and BARRACUDA and to operate to the NW of 1 ATF TAOR.

i. 1 ARU.

(1) Between 240800 - 0900H Oct take over from 7 RAR the protection of AP SUOI NGHE.

(2) During the operation assist in TAOR patrolling.

j. 1 Aust CA Unit.

(1) Continue with present operations.

(2) Be prepared to accept refugees and rice from the operational area.

k. Det 1 Topo Svy Unit. Be prepared to provide survey parties in the operational area.

l. Psy Ops.

(1) Phase 1. Be prepared:

(a) To use special leaflets against D445 and to make quick reaction tapes for use against D445 and other units.

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(b) To use ralliers for quick reaction broadcasts against former comrades.

(c) To fly night voice missions.

(2) Phase 2.

(a) During the whole operation but particularly during Phase 2 make frequent voice broadcasts and leaflet drops against specific targets.

(b) Prepare a special leaflet for use in THUA TICH area after vacated by 1 ATF.

m. HQ Coy 1 ATF. From 260800H Oct provide one pl for TAOR patrolling.

n. Coord Instrs.

(1) AOs and Boundaries. Annex R.

(2) Base Defence.

(a) A patrol task table is to be issued for the period commencing 260800H Oct.

(b) 2 RAR is to leave two sects mors in NUI DAT one of which is to move to 7 RAR mor lines by 270800H Oct.

(3) FSPB WILTON and LION. All troops in the FSPBs are placed under comd 4 Fd Regt for local protection whilst they are in location.

(4) Search of Areas.

(a) All units are not to be delayed during the search by destroying camps. If these cannot be destroyed quickly they will be searched and recorded for future destruction.

(b) Flame throwers are to be prepared for use during the operation.

(c) Quantity of corn sacks are to be held at each bn rear for movement of caches.

(5) Recce. Arty recce parties at normal scale and Svy Det 131 Div Loc Bty are to move as follows:

(a) For WILTON. With A Sqn at 270800H Oct.

(b) For LION. By helicopter at 021600H Nov.

(6) Fireplans.

(a) Covering Fireplans. Issued separately.

(b) DF.

i. DFs are to be exchanged between FSPBs LION and TIGER as arranged by CO 4 Fd Regt.

ii. Adjustment policy for DF is to be active.

iii. No fires within 500 metres of boundaries without coord.

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(7) Air.

(a) 161 Indep Recce Flt.

- i. At 260800H provide one H 13 in DS of each 2 RAR, 7 RAR.
- ii. Provide one H 13 on call for manual radio relay.
- iii. TAOR recce continues.
- iv. Provide det of three operators for XUAN LOC Arty 'A'. Join FSCE 9 Div Forward on 3 Nov.

(b) 9 Sqn RAAF.

- i. Tactical and logistic support as required including DUSTOFF back up.
- ii. Be prepared to spray herbicide.

(c) Army Avn.

- i. Air task table to be issued on 25 Oct.
- ii. Provide DUSTOFF with winch daily from 0800H to 1800H.
- iii. Provide a HFT on 27 Oct and 3 Nov from 0700H to 1800H.
- iv. Provide the normal daily LFT with the exception of 27 Oct and 3 Nov.
- v. From 3 Nov requests for air are to be passed to 9 Div.

(d) USAF.

- i. Maintain VR and air sp as required.
- ii. Participate in prep of TIGER.

(e) Air Coordination Conference.

- i. At 241030H Oct in 1 ATF main briefing room.
- ii. Representatives from the following are to attend: 2 RAR, 7 RAR, 4 Fd Regt, 1 Fd Sqn, 67 GL Sect, RAAF, G Air, Q Branch, USAF LO, US Army Avn LO.
- iii. Representatives are to be prepared to discuss their unit's requirements.

(8) Liaison. Each 2 RAR and 7 RAR are to provide an offr or WO for liaison duties. Person selected to report to the GSO2 Ops at 300900H Oct.

(9) AO GERTRUDE. Reverts to 18 Div ARVN 312359H Oct.

4. Administration and Logistics.

a. General Outline.

(1) Normal Requirements. Unit responsibility using medium lift helos from 1 ATF base echelon areas.

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(2) Forecast Requirements. Beyond unit resources, to DAQMG by 24 Oct 67.

b. Material and Services.

(1) Ammo.

(a) 1400 rounds 105mm all natures will be delivered by heavy lift hel to FSPB WILTON on 27 Oct. Thereafter resupply will be by heavy lift hel on demand.

(b) 3640 rounds 105mm all natures will be delivered by heavy lift hel to FSPB LION on 3 Nov. Thereafter resupply will be by heavy lift hel on demand.

(c) 960 rounds 105mm HE rigged for heavy lift hel delivery is to be ready for immediate call from 27 Oct until further advised. This task is the responsibility of 161 Fd Bty RNZA.

(2) POL. Diesoline, for A Sqn 3 Cav Regt, SP Bty and det 1 Fd Sqn will be delivered to both FSPBs by heavy lift hel.

(3) Water.

(a) Unit responsibility.

(b) Det 1 Fd Sqn will attempt to establish WP in FSPB LION. Details will be advised.

(4) Tpt. Tpt for backloading of produce and surplus ammo will be positioned with cav escort FSPB WILTON by 021630H Nov. 4 Fd Regt to state the requirement by 010830H Nov.

(5) Def Stores.

(a) FSPB WILTON. 16,000 sandbags and 1,000 yds of triple concertina will be delivered by heavy lift hel on 27 Oct and 700 yds of triple concertina by the same means on 29 Oct.

(b) FSPB LION. 28,000 sandbags and 2,000 yds of triple concertina will be delivered by heavy lift hel on 3 Nov and 200 pickets 8 ft and low wire entanglement materials by the same means on 4 Nov.

(6) Repair, Rec and Backloading. A recovery team will accompany each rd convoy.

5. Command and Signals.

a. Command. HQ 1 ATF remains present loc but is to be prepared to move by CH47 on one hours notice.

b. Signals. 1 ATF Sig Instr 3/67 is to be issued separately.

c. 9 Div D Day. 3 Nov.

d. Points of Origin. A separate list is to be issued for the period commencing 260800H Oct.

e. Codename to the Operation. SANTA FE.

ACK

R. L. Hughes

R.L. HUGHES
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- Annex:
- A. Enemy.
 - B. Grouping.
 - C. Sequence of Events.

 - P. Enemy Installations.
 - Q. 9 Div Concept of Operations.
 - R. AOs and Boundaries.

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Distribution:

	<u>Copy No</u>
2 RAR	
7 RAR	1-2
A Sqn 3 Cav Regt	3-4
4 Fd Regt	5
1/83 Arty (US)	6-9
A Bty 2/35 Arty (US)	10
1 Fd Sqn	11
104 Sig Sqn	12
547 Sig Tp	13
1 SAS Sqn	14
161 (Indep) Recce Flt	15
Det 1 Div Int Unit	16
Det 1 Topo Svy Unit	17
HQ Coy 1 ATF	18
1 ARU	19-24
67 GL Sect	25
1 ALSG	26
3/5 Cav (US)	27
11 ACR (US)	28-29
9 Inf Div (US)	30
II FFORCE V	31-41
SA 18 Div (ARVN)	42-57
HQ AFV	58
NZ Force V	59-62
Comd	63
Deputy Comd	64
GS02 Ops	65
GS02 Air	66
GS02 Int	67
GS03 SD	68
CP	69
Arty Tac	70
DAAG	71-72
DAQMG	73
USAF ALO	74
US Army Avn LO	75
FATOC	76
CA	77
File	78
Diary	79
Spare	80-81
	82-90

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ANNEX A TO 1 ATF
OP O 30/67 DATED
240800H OCT 67

ENEMY FORCES

1. The 1 ATF area of operations is centred around the northern SONG RAI/THUA TICH area. This ground is important to the VC for bases, food production, communications routes and staging areas. It has been searched infrequently and never in detail. The main centre of activity appears to be in a crescent around THUA TICH from EAST to WEST and in the large bases to the NORTH-EAST, between THUA TICH and the BAU HAM lake. Other camp areas that should be noted from Annex "P" are those on the SONG RAI River, the YOUERT River, NORTH of XUAN SON (YS567774), NORTH-EAST of the old village of QUANG GIAO and along the creeks and river lines between NUI SAO (YS518847) and the SONG RAI. These areas cover the bulk of the known camps but there will be others as yet unidentified.
2. The nature of the enemy that may be encountered in the AO covers the complete range from village guerillas to main force battalions. The permanently occupied camps will be comprised of logistic units rather than combat units, the former however are equipped to fight and protect their bases and personnel. It is known that companies of D445 Bn occupy camps in the jungle along the SONG RAI between the 81 and 83 northings. Elements of 1 Bn 275 Regt could be encountered around THUA TICH and/or in the camps to the NORTH-EAST. These are the main permanent camps, but, as the area is important in VC communications, others also will be found to be occupied by various sized groups of porters, escorts, liaison cadres and representatives of the various cells of VC Baria Province headquarters. Heavily used track and trail systems connect THUA TICH with bases to the NORTH-EAST and SOUTH-EAST and with Route 2 to the WEST.
3. Likely enemy reactions will be local withdrawal to gain time to assess the strength and nature of the allied operation. Our leading sections and platoons can expect small arms and RPG-2 fire to cause their deployment and delay. Once the full extent of the operation is gauged by the VC and passed to their units a general withdrawal through the EAST and NORTH-EAST can be expected and will take the VC to their traditional sanctuaries SOUTH and WEST of the MAY TAO. Until this happens, which may be two or three weeks, the local threat of mortar and ground counter-attack will be high. The fire support base of 1 Bde, 9 US Inf Div established at THUA TICH during Op PADDINGTON was subjected to mortar attack. Determined local opposition must be expected especially when main force units are engaged.
4. It should be mentioned that areas to the NORTH of THUA TICH have been suggested as possible base areas for a "third regiment" of 5 VC Div. None of these theories have ever been confirmed. The current theory is that the THUA TICH complex is more of a logistic support and transit area than the permanent base of a main force regiment. The frequent engagement of aircraft by ground fire when conducting reconnaissance around the THUA TICH area indicates that the VC are ready to sacrifice at least a measure of security to protect this base complex. The persistence with which provincial forces have clung to their bases in the face of repeated air strikes further suggests that strong local opposition could be encountered.
5. 1 ATF patrols have reported evidence of the use of motor vehicles around THUA TICH. A transport unit of Gp 84 (probably C200) is believed to have a few vehicles operating out of THUA TICH. Confirmation of such activities, together with any other information on Gp 84 organization and functions in and around THUA TICH, could be an important outcome of the operation. It is likely that large underground storage tunnels and bunkers exist throughout the AO, especially in the eastern half, therefore every installation should be carefully searched so that no part of it is overlooked.

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6. The same format as for Operation KENMORE is used on the intelligence overprint at Annex 'P'. In addition special agent reports (from 1 Sep 67 only) have been included to give a better appreciation of current areas of VC activity and interest. Where these appear they may indicate that camps in the vicinity are occupied.

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GROUPING

ANNEX B TO 1 ATF
OP O 35/67 DATED 240800H OCT 67

Status of Comd	HQ 1 ATF	2 RAR	7 RAR	A Sqn 3 Cav Regt	4 Fd Regt	1 Fd Sqn
(a)	(b)	(c)	(d)	(e)	(f)	(g)
OPCON	3/5 Cav from 030001H Nov.			One coy and two sects mor pl 7 RAR from 270800H Oct for securing WILTON and move to LION.	All tps in FSPB WILTON and LION from time of arrival A Bty 2/35 Arty US, from 261800H Oct.	
Under Comd		Four combat engr teams from 260800H Oct.	Four combat engr teams from 261700H Oct. One sect mor pl from 2 RAR from 270800H Oct for 7 RAR NUI DAT base defence.	Three mini engr teams from 261200H Oct.		
In DS		One H13 from 260800H Oct. 108 Fd Bty.	One H13 from 260800H Oct. 106 Fd Bty.			
In Sp			Either CH47 or AMC effort from 271400H Oct.		CH47/54 effort from 271000H Oct and 030800H Nov.	
In gen Sp reinforcing 1 ATF.					1/83 Arty US	
Detached		One sect mor pl to 7 RAR base NUI DAT from 270800H Oct.	One coy and two sects of mor pl to A Sqn from 270800H Oct for securing WILTON and for the move to LION.			Four combat engr teams to 2 RAR from 260800H Oct. Four combat engr teams to 7 RAR from 261700H Oct. Three mini teams to A Sqn 3 Cav Regt from 261200H Oct

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ANNEX C TO 1 ATF
OP O 35/67 DATED
240800H OCT 67

SEQUENCE OF EVENTS

Serial	Date Time (hrs)	Event	Remarks
(a)	(b)	(c)	(d)
1.	261400H Oct	2 RAR move by APC to assy area YS4674.	A Sqn to return to NUI DAT.
2.	270730H Oct	A Bty 2/35 Arty (US) move to LUSCOMBE	To sp move into WILTON.
3.	270800H Oct	A Sqn 3 Cav Regt with one coy 7 RAR, two sects mor pl 7 RAR and engr det 1 Fd Sqn in sp move to and secure WILTON by 271000H.	Arty recce party attached.
4.	271000H Oct	108 Fd Bty, 106 Fd Bty fly into WILTON.	
5.	271100H Oct	2 RAR commence move to search and kill in BARRACUDA.	No move prior to the completion of the fly in of 108 Fd Bty.
6.	271400H Oct	7 RAR (-) fly into WILTON and commence search and kill in SWORDFISH.	
7.	280800H Oct	A Bty 2/35 Arty (US) move under APC escort to WILTON.	The APC escort to return to NUI DAT.
8.	011200H Nov	2 RAR and 7 RAR complete Phase 1.	
9.		2 RAR secure bridge site at CHUNKY.	
10.	020800H Nov	7 RAR (-) secure LION by 021600H Nov.	
11.		2 RAR concentrate in AO near a PZ.	
12.	021500H Nov	Road convoy moves from NUI DAT to WILTON under cav escort.	To reach LION by 021630H Nov.
13.	021600H Nov	Arty recce party flies into LION.	
14.	030700H Nov	A Sqn (-) with coy 7 RAR, mor and engr det, clear Highway 327 from WILTON to CHUNKY and relieve coy 2 RAR.	
15.	030800H Nov	106 Fd Bty, 108 Fd Bty commence fly into LION.	
16.		Tp 3/5 Cav incl two AVLBS reach WILTON, move to CHUNKY, erect bridge by 031300H Nov and assume bridge protection.	

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(a)	(b)	(c)	(d)
17. 18.	031000H Nov	2 RAR commence search and kill in GREYNURSE and STINGRAY. 7 RAR commence search and kill in OCTOPUS and GROPER.	Coy 7 RAR remains at LION.
19.	031030H Nov	Road convoy under APC protection moves from WILTON to NUI DAT.	
20.	031300H Nov	A Sqn (-) with mor and engr det clear Highway 327, 328 from CHUNKY to LION.	No move until A Bty 2/35 Arty (US) is ready in LION.
21.		A Bty 2/35 Arty move under APC escort from WILTON to LION.	
22.	031500H Nov	3/5 Cav (-) reach assy area NW of MARLIN and TUNA and begin to search and destroy.	
23.	031600H Nov approx	Tp 3/5 Cav reclaim bridge at CHUNKY and move to LION.	On orders.
24.	131600H Nov	2 RAR, 7 RAR, 3/5 Cav complete the search in allotted AOs.	Be prepared to commence Phase 3.
25.	140800H Nov	9 Div Phase 2 (1 ATF Phase 3) commences.	

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ARTY TAC
D1

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AUSTRALIAN MILITARY FORCES

No 62 of 83 copies

7th Battalion
The Royal Australian Regiment
AP AN PHU

25 Oct 67

op0 15/67 (Op SANTA FE)

Reference: Maps XUYEN MOC 6430-III }
CAM MY 6430- I } 1:50,000

1. Situation

a. En Forces. Annex A.

b. Friendly Forces

(1) 1 ATF is to form part of a 9 Div force for the operation. The other major units involved are:-

(a) HQ 9 Div.

(b) HQ 9 Div Arty.

(c) HQ 1 Bde 9 Div, one inf bn, one mech bn, 3/5 Cav (-).

(d) 11 ACR (-).

(e) One regt 18 Div ARVN.

(f) Coy A 5SFGA USSF Det B 36.

(g) One land clearing team from 20 Engr Bde.

(2) The 9 Div AO covers the area of the 5 VC Div MAY TAO Secret Zone. The 1 ATF AO is the SOUTH WEST corner of the 9 Div AO and includes TUA THIC.

(3) The 1 ATF operation is planned in three phases:-

(a) Phase 1. 26 Oct to 1 Nov. 2 RAR and 7 RAR search and kill in AOs BARRACUDA and SWORDFISH respectively.

(b) Phase 2. 2 Nov to 13 Nov. Seize FSPB LION then search and kill in AOs as follows:-

- i. 2 RAR - GREYNURSE and STINGRAY
- ii. 7 RAR - OCTOPUS and GROPER
- iii. 3/5 Mech Bn - MARLIN and TUNA

(c) Phase 3. 14 Nov to 30 Nov. As ordered.

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c. Atts and Dets.

- (1) Under comd from 261700H Oct. - Four combat engr teams.
- (2) Under comd from 270800H Oct for 7 RAR NUI DAT base defence. - One sect mor pl
2 RAR.
- (3) In DS from 260800H Oct. - One H13.
- (4) Remaining in DS. - 106 Fd Bty RAA.
- (5) Detached under op con A Sqn 3 Cav Regt from 270800H then when FSPB established under comd 2IC 4 Fd Regt. - A Coy.
Two sects mor pl.

2. Mission. 7 RAR is to search and kill in AO SWORDFISH with a view to securing FSPB LION YS 6181 by 021600H Nov 67.

3. Execution

a. General Outline

- (1) A Sqn 3 Cav Regt (-) with A Coy 7 RAR secure FSPB WILTON YS 5476 by 271000H.
- (2) 7 RAR (-) commence fly in by CH47 at 271400H to FSPB WILTON then mov on foot to allotted AOs.
- (3) Search and kill in AO SWORDFISH generally from WEST to EAST then secure FSPB LION by 021600H Nov 67.

b. A Coy

(1) Grouping

- (a) Under op con A Sqn 3 Cav Regt from 270730H until fly in of 4 Fd Regt.
- (b) Under comd 2IC 4 Fd Regt when in WILTON and LION.

(2) Tasks. Capturing and securing FSPB WILTON.

c. B Coy

(1) Grouping. Normal plus one combat engr team under comd from 261700H Oct.

(2) Tasks

- (a) Third coy in order of fly in.
- (b) Move on foot to and establish a coy base in AO BRAVO.
- (c) Search and kill in AOs BRAVO, FOXTROT on order.

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d. C Coy

(1) Grouping. Normal plus one combat engr team under comd from 261700H Oct.

(2) Tasks

(a) Second coy in order of fly in.

(b) Move on foot to and establish a coy base in AO ALFA.

(c) Search and kill in AOs ALFA, GOLF, HOTEL.

e. D Coy

(1) Grouping. Normal plus one combat engr team under comd from 261700H Oct.

(2) Tasks

(a) First coy in order of fly in.

(b) Move on foot to and establish a coy base in AO CHARLIE.

(c) Search and kill in AOs CHARLIE and ECHO on order.

f. Mor Pl

(1) Grouping

(a) Two sects under op con A Sqn 3 Cav Regt from 270300H Oct until fly in of 4 Fd Regt.

(b) Two sects under comd 2IC 4 Fd Regt when in WILTON and LION.

(c) MFC to each rifle coy.

(2) Tasks

(a) Mor pl less two sects fly in with Bn HQ to FSPB WILTON.

(b) Remain in WILTON and be prepared to move by hel to Bn HQ loc.

(c) Provide fire sp as required.

g. Aslt Pnr Pl

Tasks. Remain in Bn HQ loc for local def and be prepared to carry out pnr tasks, incl flame warfare and assistance with river crossing using ropes as required in sp of coys.

h. Fire Aslt Pl

Tasks. Local def of Bn HQ - be prepared to use M 72s.

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j. Artillery

(1) Grouping. FO party to each rifle coy.

(2) Tasks. Provide fire sp as required.

k. Engrs

(1) Grouping. Combat engr teams are allotted as fol:-

(a) B Coy - one

(b) C Coy - one

(c) D Coy - one

(d) Bn HQ - one

(2) Tasks. Engr tasks as required.

l. 161 Recce Flt. Remain on call in present loc until a suitable LZ is prepared.

m. Co-ord Instr

(1) AOs and Bdys. Annex B.

(2) Timings. An outline sequence of events and timings is attached as Annex C.

(3) Base Defence

(a) 1 ATF is to issue ptl programme commencing 260800H. Capt LEESON will be OC base defence.

(b) One sect mor pl 2 RAR is to mov to 7 RAR mor lines by 270800H.

(4) Search of Areas

(a) The search is not be be delayed by the destruction of camps. If these cannot be destroyed quickly they will be searched and recorded for future destruction.

(b) Flame throwers are to be prepared for use during the operation.

(c) A quantity of corn sacks is to be held in Admin Coy for movement of caches.

(5) Liaison Officer. WO2 MAHONEY is to report to GSO2 Ops 1 ATF at 300900H Oct for briefing in liaison duties.

4. Admin and Log

a. Rations

(1) 3 days one-man pack or equivalent to be

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carried per man.

(2) One emergency ration carried per man.

b. Water

(1) Each man to depart Base with four full water bottles.

(2) Water resupply is on a one-for-one bottle basis.

(3) Maximum use to be made of rain water. Water from creeks must be sterilised and such water should only be used as a last resort as the unit will be operating downstream of possible major VC bases.

(4) A helicopter water resupply is planned for each morning for the duration of the operation, between 0700 - 0900 hrs.

c. Ammunition

(1) Normal first line to be carried.

(2) A reserve is to be held available at PORKY 7 under control OC Admin Coy.

d. Radio Batteries

(1) Each operator to depart base with two reserve batteries for his set. This order applies to all Bn HQ operators as well as other operators.

(2) Resupply by Maintdem on planned resupply days where possible.

e. Medical. The RAP is to be located with Bn HQ.

f. Resupply

(1) 3 day ration resupplies are planned for:-

(a) 29 Oct

(b) 1 Nov

(c) 4 Nov

(d) 7 Nov

(2) Laundry bags may be requested on any major resupply day.

(3) Goodies packs and hot meals may be requested on and after 7 Nov if the operations permit and the Bn 2ICs approval is obtained.

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(4) Maintdems are to be submitted prior to the operation for all stores which are required by any elements of Bn HQ for use after arriving in their initial location.

5. Command and Signals

a. Bn HQ

(1) CO, CP, FCC groups fly in with second coy. Remainder fly in after last coy.

(2) Move on foot to loc vic YS 553780 in rear of B Coy.

b. Radio. Radio Diagram. Annex D.

c. Line. Bn HQ area only.

d. Codes and Nicknames. SOI incl Nov.

(Eric H. SMITH)
Lieutenant Colonel
Commanding Officer



(D.K. ATKINSON)
Maj
S3

Authentication

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ANNEX A TO
7 RAR SVN 15/67
DATED 25 OCT 67

ENEMY FORCES

1. The area of operations is centred around the northern SONG RAI/THUA TICH area. This ground is important to the VC for bases, food production, communications routes and staging areas. It has been searched infrequently and never in detail. The main centre of activity appears to be in a crescent around THUA TICH from EAST to WEST and in the large bases to the NORTH-EAST, between THUA TICH and the BAU HAM lake. Other camp areas that should be noted are those on the SONG RAI River, the YOUERT River, NORTH of XUAN SON, NORTH-EAST of the old village of QUANG GIAO and along the creeks and river lines between NUI SAO and the SONG RAI. These areas cover the bulk of the known camps but there will be others as yet unidentified.
2. The nature of the enemy that may be encountered in the AO covers the complete range from village guerillas to main force battalions. The permanently occupied camps will be comprised of logistic units rather than combat units, the former however are equipped to fight and protect their bases and personnel. It is known that companies of D445 Bn occupy camps in the jungle along the SONG RAI between the 81 and 83 northings. Elements of 1 Bn 275 Regt could be encountered around THUA TICH and/or in the camps to the NORTH-EAST. These are the main permanent camps, but, as the area is important in VC communications, others also will be found to be occupied by various sized groups of porters, escorts, liaison cadres and representatives of the various cells of VC Baria Province headquarters. Heavily used track and trail systems connect THUA TICH with bases to the NORTH-EAST and SOUTH-EAST and with Route 2 to the WEST.
3. Likely enemy reactions will be local withdrawal to gain time to assess the strength and nature of the allied operation. Our leading sections and platoons can expect small arms and RPG-2 fire to cause their deployment and delay. Once the full extent of the operation is gauged by the VC and passed to their units a general withdrawal through the EAST and NORTH-EAST can be expected and will take the VC to their traditional sanctuaries SOUTH and WEST of the MAY TAO. Until this happens, which may be two or three weeks, the local threat of mortar and ground counter-attack will be high. The fire support base of 1 Bde, 9 US Inf Div established at THUA TICH during Op PADDINGTON was subjected to mortar attack. Determined local opposition must be expected especially when main force units are engaged.
4. It should be mentioned that areas to the NORTH of THUA TICH have been suggested as possible base areas for a "third regiment" of 5 VC Div. None of these theories have ever been confirmed. The current theory is that the THUA TICH complex is more of a logistic support and transit area than the permanent base of a main force regiment. The frequent engagement of aircraft by ground fire when conducting reconnaissance around the THUA TICH area indicates that the VC are ready to sacrifice at least a measure of security to protect this base complex. The persistence with which provincial forces have clung to their bases in the face of

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repeated air strikes further suggests that strong local opposition could be encountered.

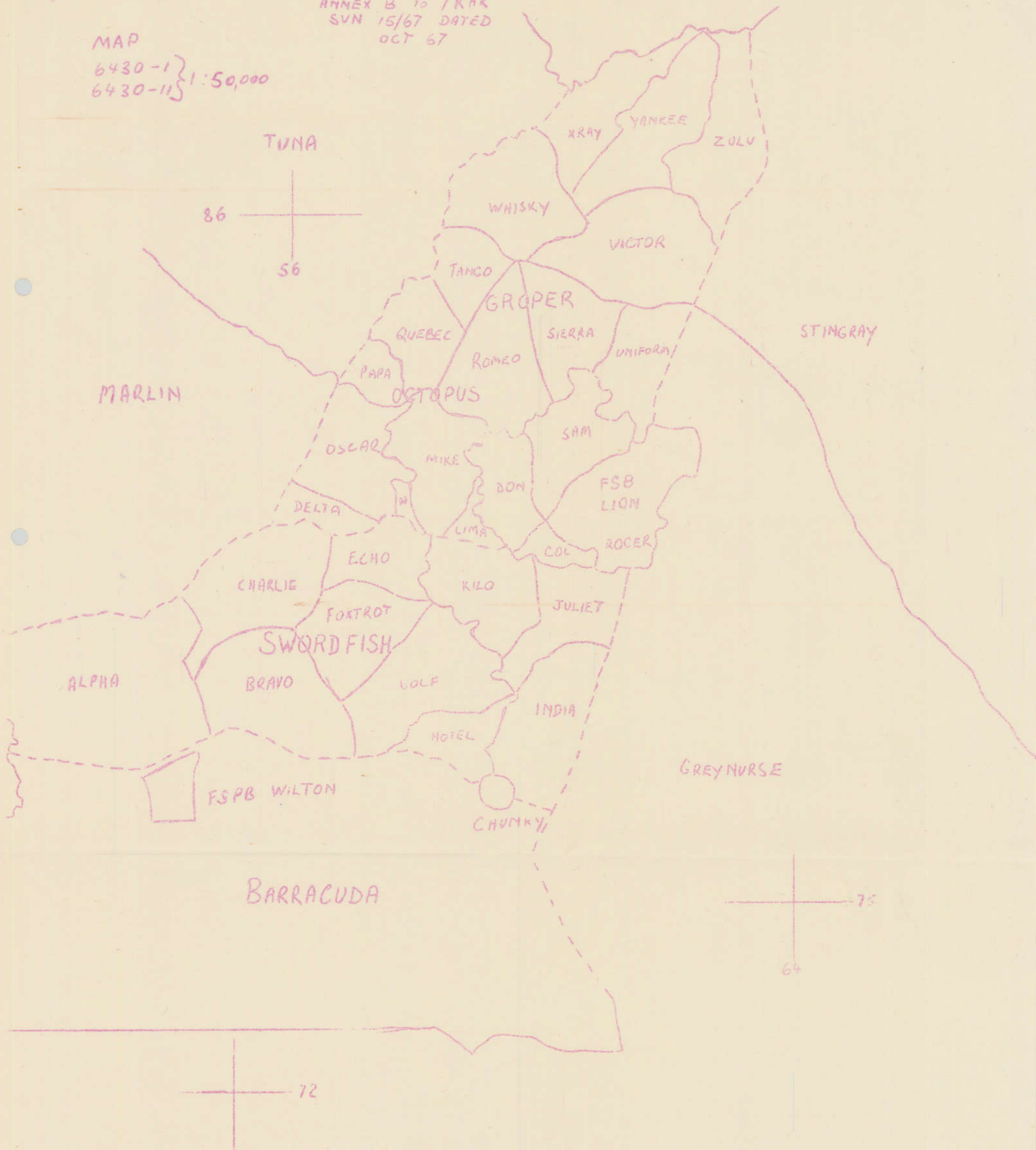
5. SAS patrols have reported evidence of the use of motor vehicles around THUA TICH. A transport unit of Gp 84 (probably C200) is believed to have a few vehicles operating out of THUA TICH. Confirmation of such activities, together with any other information on Gp 84 organization and functions in and around THUA TICH, could be an important outcome of the operation. It is likely that large underground storage tunnels and bunkers exist throughout the AO, especially in the eastern half, therefore every installation should be carefully searched so that no part of it is overlooked.

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NO. 12 BOUNDARIES

ANNEX B to 7RAR
SVN 15/67 DATED
OCT 67

MAP
6430-1 }
6430-11 } 1:50,000



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ANNEX C TO
7 RAR opO 15/67
DATED 25 OCT 67

OUTLINE SEQUENCE OF EVENTS

These timings are offered as a guide only and may vary with the situation. The only critical time is the time for securing FSPB LION.

<u>Serial</u>	<u>Date/Time</u>	<u>Event</u>
1.	261700H	Combat engr teams come under comd.
2.	270800H	A Coy under op con A Sqn 3 Cav Regt.
3.	270800H	Sect of 2 RAR mors mov to 7 RAR loc.
4.	271400H	Fly in to FSPB WILTON commences.
5.	271700H	Coys in bases in AOs ALFA, BRAVO and CHARLIE.
6.	28 Oct 67	Search and kill in AOs ALFA, BRAVO and CHARLIE.
7.	29 Oct 67	Search and kill in AOs ECHO, FOXTROT and GOLF.
8.	30 Oct 67	Search

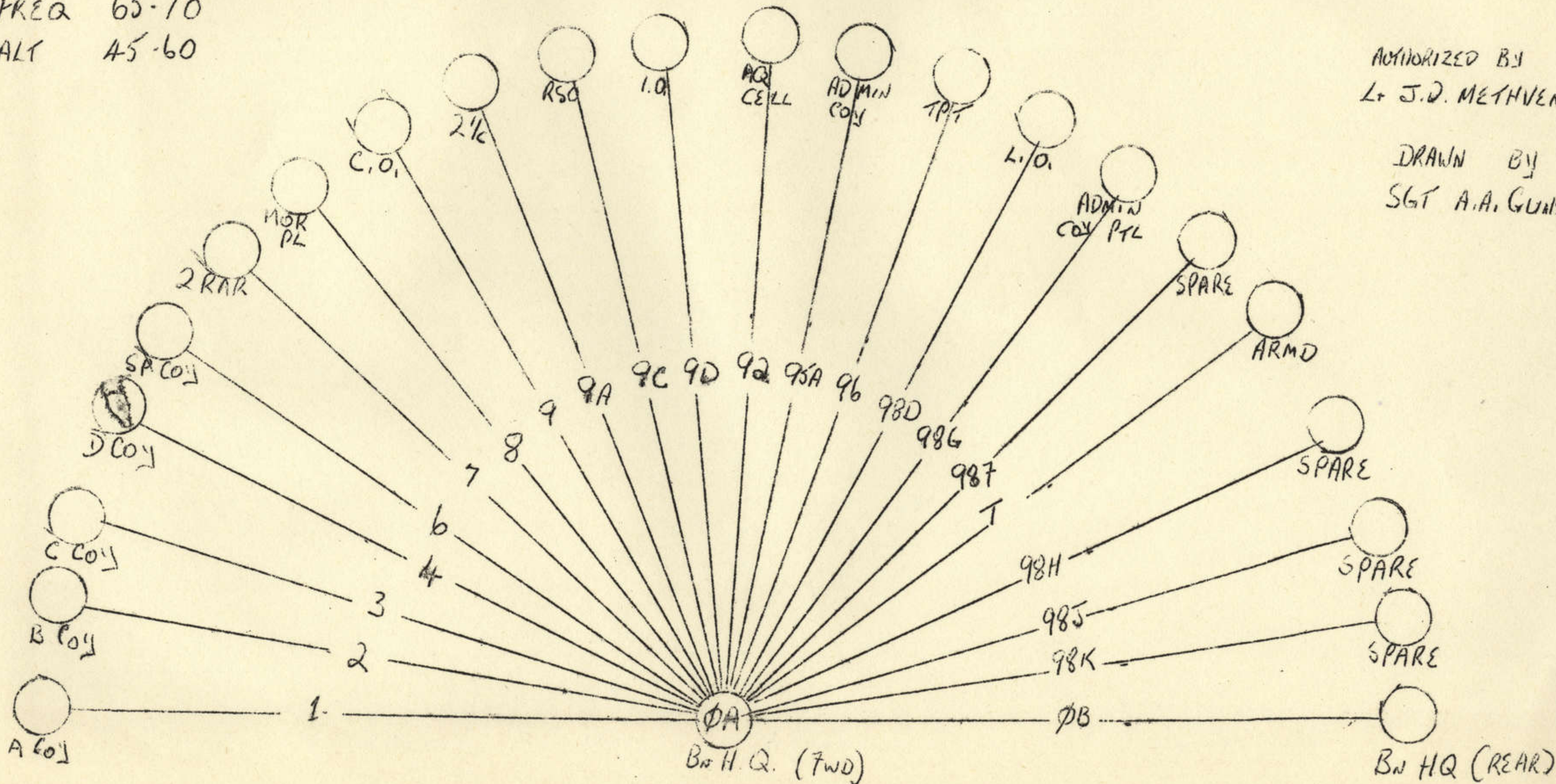
7RAR COMD NET

SIG INSTR
ANNEX 'D'

FREQ 65-70
ALT 45-60

AUTHORIZED BY
LT J.D. METHVEN

DRAWN BY
SGT A.A. GUNSON



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1 ATF
NUI DAT

250900H Oct 67

OPS1759

Frag 0 No 1 (Op SANTA FE)

Reference: 1 ATF OPS1740 of 240800H.

Time Zone used throughout this Order: HOTEL.

1. Attached is the air movement table referred to in the above reference.

R.L. Hughes *Capr*
(R.L. Hughes)
Brig
Comd

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ANNEX A TO 1 ATF
FRAG 0 NO 1
DATED 250900H OCT 67

AIR MOVEMENT TABLE

Serial	Date	Unit	PZ	Time (hrs)	LZ	Time (hrs)	Aircraft	No Sorties	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	27 Oct	108 Fd Bty	KOALA	1000H	WILTON	1007/1107H	CH47	13	1. Pathfinders report to 4 Fd Regt by 261500H. 2. PZ times to be confirmed (when LZ secure) through Arty Tac Net.
2	27 Oct	HQ 4 Fd Regt	KIWI	1115H	WILTON	1122/1152H	CH47	5	
3	27 Oct	106 Fd Bty	TURTLE	1200H	WILTON	1207/1307H	CH47	13	
4	27 Oct	TFAA	ST KILDA	OPEN	WILTON	OPEN	CH47	1	
5	27 Oct	TFAA	ST KILDA	OPEN	WILTON	OPEN	CH54	6	
6	27 Oct	7 RAR	LUSCOMBE	1400H	WILTON	1407/1507H	CH47	14	PZ - SW Grassed area.
7	28 Oct	TFAA	ST KILDA	OPEN	WILTON	OPEN	CH47	1	
8	28 Oct	TFAA	ST KILDA	OPEN	WILTON	OPEN	CH54	2	
9	29 Oct	TFAA	ST KILDA	OPEN	WILTON	OPEN	CH47	1	
10	29 Oct	TFAA	ST KILDA	OPEN	WILTON	OPEN	CH54	2	
11	30 Oct	TFAA	ST KILDA	OPEN	WILTON	OPEN	CH47	1	
12	30 Oct	TFAA	ST KILDA	OPEN	WILTON	OPEN	CH54	2	
13	31 Oct	TFAA	ST KILDA	OPEN	WILTON	OPEN	CH47	1	
14	31 Oct	TFAA	ST KILDA	OPEN	WILTON	OPEN	CH54	2	
15	1 Nov	TFAA	ST KILDA	OPEN	WILTON	OPEN	CH47	1	

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
16	1 Nov	TFAA	ST KILDA	OPEN	WILTON	OPEN	CH54	2	
17	2 Nov	TFAA	ST KILDA	OPEN	WILTON	OPEN	CH47	1	
18	2 Nov	TFAA	ST KILDA	OPEN	WILTON	OPEN	CH54	2	
19	2 Nov	104 Sig Sqn	KANGAROO	PM	LION	PM	ALBATROS	3	104 Sig Sqn to have the party and equipment on one hour's notice to move from 021200H Nov.
20	3 Nov	106 Fd Bty	WILTON	0800H	LION	0805/0845H	CH47	13	On orders.
21	3 Nov	HQ 4 Fd Regt	WILTON	0850H	LION	0855/0915H	CH47	5	
22	3 Nov	108 Fd Bty	WILTON	0920H	LION	0925/1005H	CH47	13	
23	3 Nov	4 Fd Regt	KOALA	1020H	LION	1030/1055H	CH47	2	Radar equipment.
24	3 Nov	TFAA	ST KILDA	OPEN	LION	OPEN	CH47	5	
25	3 Nov	TFAA	ST KILDA	OPEN	LION	OPEN	CH54	16	

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Arty Tel

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1 ATF
NUI DAT

121000H Nov 67

OPS 1857

Frag 0 No 3 (Op SANTA FE)

Reference: A. L7014, Sheets 6430I, 6430II, 6430III, 6530III, VIETNAM, Edition 1 AMS 1:50,000.

Time Zone used throughout this order: HOTEL.

1. Situation.

- a. 9 Div Phase 2 to Op SANTA FE will continue but will NOT involve 1 ATF.
- b. 3/5 Cav minus Pl A Tp will revert to under comd 9 Div from 131600H.
- c. A Bty 2/35 Arty (US) reverts to in GS reinforcing 4 Fd Regt from 131600H.

2. Mission. 1 ATF is to return to NUI DAT commencing 16 Nov.

3. Execution.

a. General Outline.

- (1) The return to base will be carried out by air with the exception of a road party consisting of A Sqn (-), A Bty 2/35 Arty, Pl A Tp 3/5 Cav, Coy 7 RAR, mor det and an engr det.
- (2) It will be necessary to deploy 108 Fd Bty and a Coy 2 RAR to XUYEN MOC YS6568 to cover the movement of the road convoy down Route 328 and along Route 23.

b. 2 RAR.

- (1) At 160800H move one coy by AMC to LION, to come under OPCON of A Sqn 3 Cav Regt and assume protection duties in that base. At approx 161530H this coy is to move to XUYEN MOC and assume command for local protection of the FSPB in that location. At approx 181130H the coy will return to NUI DAT by AMC.
- (2) Commencing 160800H be prepared to move by AMC to NUI DAT.

c. 7 RAR.

- (1) At 161000H mov to NUI DAT by AMC.
- (2) Leave one coy under OPCON of A Sqn 3 Cav Regt to assist in the movement of the road convoy from LION to NUI DAT.
- (3) Assume 1 ATF Standby coy duties from 161700H.

d. 3/5 Cav.

- (1) Revert to under comd 9 Div from 131600H.
- (2) By 131500H position one pl A Tp 3/5 Cav under comd A Sqn 3 Cav Regt at LION.

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- (3) Position elements of 1 ARU at a convenient PZ by 131500H.
- (4) Using the Pl of A Tp at LION backload tank casualties to BEARCAT.
- (5) At approx 181130H Pl A Tp will be released at BARIA YS3860 for movement to BEARCAT.

e. A Sqn 3 Cav Regt.

- (1) At approx 160800H assume comd of LION for local defence.
- (2) Commencing 160700H be prepared to move a road party of A Bty 2/35 Arty, pl A Tp 3/5 Cav, one AVLB, tank casualties, one mor det and one engr det including a bulldozer from LION to NUI DAT by 181700H.
- (3) Timings and night harbour positions see Annex A.
- (4) Release pl A Tp 3/5 Cav on reaching BARIA.
- (5) Route 328 and EASTERN portions of Route 23 are to be swept for mines to allow unhindered movement of A Bty 2/35 Arty (US).
- (6) Be prepared to escort a Low Loader from NUI DAT to YS6265 by 171500H.
- (7) Be prepared to escort Rome Ploughs from BLACKHORSE to NUI DAT.

f. Artillery.

- (1) 4 Fd Regt. Remains in DS. 106 Fd Bty provide one FO party to join A Sqn 3 Cav Regt at 160600H.
- (2) Bty A, 1/83 Arty. No change.
- (3) Bty A, 2/35 Arty. Reverts to in GS reinforcing 4 Fd Regt at 131600H and passes to under comd for movement A Sqn 3 Cav Regt at 160600H.
- (4) 1 ATF Det 131 Div Loc Bty. No change.
- (5) AWCC. XUAN LOC Arty A closes on orders 9 Div.

g. 1 Fd Sqn.

- (1) At 131200H be prepared to move two light dozers from LION to WOMBAT by Sky Crane.
- (2) At 160800H provide one heavy bulldozer under comd of A Sqn 3 Cav Regt. This bulldozer is to assist in filling in gun positions etc at LION and general assistance on the move down Route 328.
- (3) Be prepared to provide Low Loaders to collect Rome Ploughs from BLACKHORSE.
- (4) At 171200H provide a Low Loader for movement to the junction of Route 328/23 to pick up the heavy bulldozer.

h. 1 ARU. At 131500H concentrate at a PZ nominated by 3/5 Cav and return to NUI DAT by 9 Sqn RAAF.

j. Coord Instrs.

- (1) AOs.

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(a) AO STEPTOE. From 1 ATF TAOR EAST boundary EAST to YS69 EASTING and from YS64 to 78 NORTHING excluding XUYEN MOC AO. Ground clearance in this AO passes to A Sqn 3 Cav Regt from 160800H to 202400H.

(b) Ground clearance in AO SWORDFISH reverts to 7 RAR from 130800H to the completion of the operation.

(c) SANTA FE AOs outside 1 ATF TAOR and excluding AO STEPTOE pass from 1 ATF control from 161800H.

(2) TAOR Patrolling. 2 RAR and 7 RAR recommence TAOR patrolling 180800H.

(3) 1 ATF Ready Reaction Coy. 7 RAR responsible from 161700H.

(4) Sequence of Events. Annex A.

(5) Air.

(a) 9 Sqn RAAF - tasks - Annex A GSO2 (Air) to coord.

(b) Army Avn - tasks - Annex A US Army Avn LO to coord.

(c) USAF. Be prepared to provide 20 mm fires for A Sqn 3 Cav Regt on 17 Nov.

(6) Liaison. Coy 2 RAR at XUYEN MOC provide an LO in XUYEN MOC from 161700H to 181200H.

4. Administration and Logistics.

a. There is to be maximum backloading of produce from LION prior to 16 Nov.

b. Wherever possible salvage is to take place utilizing A Sqn 3 Cav Regt. Defence items which cannot be salvaged are to be buried or destroyed.

c. Prior to 16 Nov all vehicles at LION are to 'top up' with both ammunition and fuel.

5. Command and Signals.

a. Command of LION for local defence passes to A Sqn 3 Cav Regt at 160800H.

b. Coy 2 RAR at XUYEN MOC assumes comd of the FSPB for local defence from time of arrival on 16 Nov.

c. OC A Sqn 3 Cav Regt assumes comd of road party from 160700H.

d. Additional Points of Origin.

	160800H	170800H	180800H
	170800H	180800H	190800H
TANK	YS6372	YS6170	YS6168
PLANE	YS5869	YS5667	YS5966
BOAT	YS6063	YS5964	YS5862
HAT	YS5564	YS5462	YS5661
MEAT	YS5162	YS5261	YS5360

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e. All 1 ATF Op SANTA FE SECRET papers are downgraded to CONFIDENTIAL at 190800H.

ACK

Madgkinson Way
Dr. R. L. HUGHES
BRIG
COMD

ANNEX A: Sequence of Events.

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ANNEX A TO FRAG O NO 3
(OP SANTA FE) DATED
121000H NOV 67

SEQUENCE OF EVENTS

Serial	Date/Time	Event	Remarks
(a)	(b)	(c)	(d)
1.	131200H	Two Light Dozers move from LION by Sky Crane.	
2.	131500H	Two Pls 1 ARU move from 3/5 Cav area to KANGAROO EAST by 9 Sqn RAAF.	
3.	131500H	Pl A Tp 3/5 Cav at LION.	
4.	131600H	3/5 Cav less Pl A Tp reverts to under comd 9 Div. A Bty 2/35 Arty reverts to GS reinforcing 4 Fd Regt.	
5.	13-15 Nov	2RAR/7RAR continue to search and destroy in allotted AOs.	
6.	160700H	A Sqn (-) 3 Cav Regt Coy 7RAR commence clearance of Route 328 to night harbour position vic YS6171.	
7.	160800H	2RAR move to NUI DAT by AMC. One Coy moves to LION by AMC and assists in the protection of the FSPB.	
8.	160900H	Arty recce party move to XUYEN MOC by 9 Sqn RAAF.	
9.	161000H	7RAR (-) move to NUI DAT by AMC.	
10.	161100H	108 Fd Bty moves to XUYEN MOC by CH47.	Preparation to commence 161000H.

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(a)	(b)	(c)	(d)
11.	161330H	4 Fd Regt less 108 Fd Bty, plus elements 1 ATF, Det 131 Div Loc Bty move to NUI DAT by CH47.	Preparation to commence 161230H.
12.	161530H	A Sqn (-) 3 Cav Regt, A Bty 2/35 Arty (US) move via Route 328 to night harbour position vic YS6171. Coy 2 RAR move to XUYEN MOC by AMC and 9 Sqn RA/F.	On Order.
13.	170700H	A Sqn (-) 3 Cav Regt Gp move from harbour position vic YS6171 clear Route 328, lay AVLB over obstacle YS6265 and establish night harbour position vic YS6265.	Air/Arty assist in Route 328 clearance by providing fires along route verges.
14.	171500H	A Sqn (-) 3 Cav Regt, A Bty 2/35 Arty Gp move from vic YS6171 to vic YS6265.	On Order. AVLB to be recovered when all tps across.
15.	180800H	A Sqn (-) 3 Cav Regt clear Route 23 and remainder of party move from night position vic YS6265 to NUI DAT.	Pl A Tp 3/5 Cav leave convoy and move to BEAR CAT via Route 23.
16.	181000H	108 Fd Bty move to HORSESHOE by CH47.	On Order. No preparation prior to 180900H.
17.	181130H	Coy 2 RAR move from XUYEN MOC to EAGLE FARM by AMC.	On Order.

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Atty Tac

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Copy No 70 of 90

1 ATF
NUI DAT

011800H Nov 67

OPS1800

Frag 0 No 2 (Op SANTA FE)

Reference: 1 ATF Ops1740 dated 240800H Oct 67.

Time Zone used throughout this Order: HOTEL.

1. Situation. No change.
2. Mission. Elements 1 ATF are to deploy from FSPB WILTON to FSPB LION (YS6081).
3. Execution. Sequence of events. Annex A.
4. ACK not later than 021800H Nov by radio to CP 1 ATF or telephone to Ebony 50.

Madgkinson May
for (R.L. Hughes)
Brig
Comd

Distribution:

List Z
Spares (15)

*212 to read & see
me (0930 approx) before
going fwd to WILTON*

Ⓟ

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Copy No 70 of 90

ANNEX A TO FRAG O NO 2

(OP SANTA FE) DATED

011800H NOV 67

SEQUENCE OF EVENTS

Serial	Date/Time	Event	Remarks
(a)	(b)	(c)	(d)
1.	020900H	Tp A Sqn from WILTON moves to BLACK HORSE collects 2 X AVLBs and returns to WILTON by 021500H.	One sect mortars to be taken with MFC. GS02 Air to warn LFT and FAC. 2IC 4 Fd Regt to allocate harbour area at WILTON.
2.	021500H	Comd AVLBs and OC 1 Fd Sqn recce CHUNKY and FAT YS634889.	OC 1 Fd Sqn in charge.
3.	021500H	One tp A Sqn 3 Cav Regt plus TCV convoy and 1 SAS patrols depart NUI DAT for WILTON.	Arrive approx 021630H. 2IC 4 Fd Regt to allocate harbour area in WILTON.
4.	021600H	Arty recce parties move from WILTON to LION.	
5.	030001H	B Tp 3/5 Cav moves via Route 15, 23 to WILTON arriving NLT 030800H. Collects AVLBs and on order moves to CHUNKY.	
6.	030001H	One pl B Tp moves into NUI DAT for ROME PLOUGH escort.	
7.	03 - First light or ASP thereafter.	One tp A Sqn plus A Coy 7 RAR, mors and engr det move from WILTON to CHUNKY and relieve B Coy 2 RAR.	Clear Route 327 for mines.
8.	03 - on relief.	B Coy 2 RAR commences clearance of Route 327 to the EAST and then Route 328 to FSPB LION.	Routes to be swept for mines. GS02 Air to arrange for air surveillance Routes 327, 328.
9.	030800H	Pl B Tp 3/5 Cav escort 4 X ROME PLOUGHS and 2 X bull dozers to RV with 3/5 Cav (-) at NW of AOs MARLIN and TUNA.	After handing over engr plant to 3/5 Cav (-), pl B Tp escorts low loaders to junc Route 2/Route 327 YS4677. Pl then joins B Tp at CHUNKY and low loaders return to NUI DAT.

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/2.

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2.

(a)	(b)	(c)	(d)
10.	030800H	B Tp 3/5 Cav (-) reach WILTON.	
11.	030900H	Fly out of 106 Fd Bty and 108 Fd Bty from WILTON to LION.	
12.	030900H approx	B Tp 3/5 Cav (-), 2 X AVLBs move to CHUNKY and erect bridge.	
13.	On order	When bridge is completed, one tp A Sqn 3 Cav Regt plus A Coy 7 RAR move to FSPB LION.	Be prepared to assist in Route clearance if B Coy 2 RAR is overtaken.
14.	031030H approx	One tp A Sqn 3 Cav Regt escorts TCV convoy from FSPB WILTON to NUI DAT.	All available produce to be backloaded.
15.	031030H	SAS patrols move into position.	Ground clearance in AO SWORDFISH BRAVO passes to 1 ATF.
16.	On order	When Route 328 is cleared, one tp A Sqn 3 Cav Regt escorts A Bty 2/35 Arty from FSPB WILTON to FSPB LION.	
17.	On order	When A Bty 2/35 Arty is clear of CHUNKY and B Tp is joined by ROME PLOUGH tp, B Tp 3/5 Cav is to uplift 2 X AVLBs and move to FSPB LION. B tp is to be prepared to move to FSPB TIGER (YS6490) if required.	2IC 4 Fd Regt is to allocate harbour area vic FSPB LION.

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Missions Fired

Activity has increased in the last 24 hours.

- a. At 0940 hrs 106 Bty engaged GR 612809, 3 VC in the open. Results unknown.
- b. At 1115 hrs 106 Bty fired in sp of D/7RAR who were in contact.
- c. At 1130 hrs 108 Bty engaged GR 615788 with preparatory fire prior to D/2RAR's movement through the area.
- d. At 1753 hrs 108 Bty engaged GR 610780 in support of C/2RAR who were in contact.
- e. At 1806 hrs 108 Bty engaged GR 608 781 a further msn in sp of C/2 RAR.
- f. At 2346 hrs A Bty 2/35 fired an illuminating msn at GR 632783 in sp of D/2 RAR.

Summary of Operations

2. Operation SANTA FE continued with minor contact. Patrolling of the TAOR continued without contact.
 - a. A Sqn 3 Cav Regt continued to protect FSPB WILTON.
 - b. A/7 RAR found a VC body at GR 547789 which had been killed by ARTY 24 hours earlier. Locations of 106, 108, A Bty 2/35 remain unchanged.
 - c. 2 RAR continued Op SANTA FE with minor contact. At 1310 hrs at GR 601785 A/2 RAR contacted 1 VC. Result unknown. At 1745 hrs at GR 612785 C/2 RAR contacted an unknown no of VC result 1VC KIA (BC). At 2330 hrs at GR 629783 6VC walked into D Coys perimeter. Result unknown.
 - d. 7 RAR contined Operation SANTA FE with minor contact. At 0945 hrs at GR 613798 C/7 RAR contacted 1 VC. Result 1 VC KIA (BC). At 1142 hrs at GR 595796 B/7 RAR contacted 2 VC. Result 2VC KIA (BC).
 - e. Air Support. There were 6 strikes in the reported period at GRs 425802, 770692, 760695, 779699, 711832 and 754802 with the following BDA; 4 bunkers destroyed, 1 secondary explosion.

H & I Programme

3. There were 121 serials fired into 1 ATF TAOR on the ni 1/2 Nov.

VC Casualty State

4. 4VC KIA.
1VC KBarty
1 SMG
1 Rifle
2 Carbines.


2Lt
Intelligence Officer

Distribution

List C
Comd's Diary (3)

Missions Fired

1. In the last 24 hours there have been no contact msns fired.
 - a. At 1023 hrs at GR 617826 106 Bty fired a msn in sp of C/7 RAR, prior to their move into this area.
 - b. At 1042 hrs 108 Bty engaged possible escape routes after D/2 RAR had located a camp that had been deserted just prior to their locating it. A further msn was fired at GR 621781 at 1107 hrs with the same intention.
 - c. The remainder of msns fired throughout the day were the adjusting and recording of targets in sp of Operation SANTA FE

Summary of Operations

2. Operation SANTA FE continued with minor contact. Patrolling of the TAOR continued without contact.
 - a. A Sqn 3 Cav Regt continued Operation SANTA FE without contact.
 - b. 2 RAR continued Operation SANTA FE with minor contact.
 - (1) At 0740 hrs at GR 633787 D/2RAR contacted 2 VC resulting in 1 VC KIA (BC).
 - (2) At 0915 hrs D/2RAR at GR 628794 contacted 2VC resulting in 1 VC WIA (poss).
 - (3) At 0952 hrs D/2RAR located a large camp at GR624792.
 - (4) At 0820 hrs at GR 626788 D/2RAR contacted 1 VC resulting in 1 VC KIA (BC).
 - (5) Location of Bn HQ GR 566764.
 - c. 7 RAR continued Operation SANTA FE with minor contact.
 - (1) At 0115 hrs at GR 613801 C/7RAR contacted 2VC resulting in 1 VC KIA (BC), 1 VC WIA (poss).
 - (2) At 1505 hrs D/7RAR contacted an estimated 7 VC resulting in 3 VC KIA (BC), 1 VC WIA (PW).
 - (3) Location Bn HQ GR 596815.
 - d. Air Support. There were six strikes in the reported period at GRs 635815, 760820, 667763, 667763, 653862, 667763 with the following BDA; 22 bunkers destroyed, 22 damaged, 3 secondary explosions.

H & I Programme

3.
 - a. There were 111 serials of H & I fired in sp of 1 ATF Base on ni 2/3 Nov.
 - b. There were 209 serials of H & I fired in sp of Operation SANTA FE.


VC Casualty State.

4.

6 VC KIA (BC)	12 CBU
1 VC WIA	2 x ox carts
1 VC WIA (PW)	1 x typewriter
6 rifles	1 x sewing machine

Distribution

List C Comd's Diary (3)

 2Lt
Intelligence Officer

Missions Fired

FSPB LION was occupied during the morning by 4 Fd Regt and later in the afternoon by A Bty 2/35. At 1200 hrs approximately Fire Plan TIGER'S TAIL was fired in preparation for 18 ARVN Divs move into this area. All msns, with the exception of one msn fired at 2057 hrs by 161 Bty into GR 510605 where there was a report of a VC platoon, were the adjusting and recording of targets in sp of Op SANTA FE.

Summary of Operations

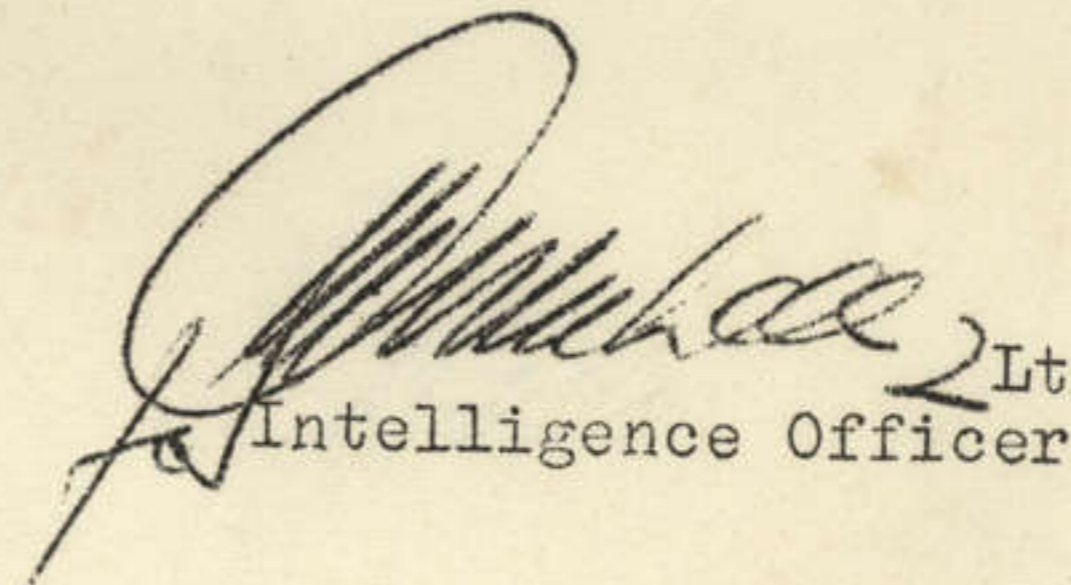
2. Operation SANTA FE continued with minor contact. Patrolling of the TAOR continued without contact.
 - a. A Sqn 3 Cav Regt continued Op SANTA FE without contact. A Sqn 3 Cav Regt (-) moved into FSPB LION YS6081. 2 Tp returned to 1 ATF base loc.
 - b. 4 Fd Regt HQ, 106 Bty, 108 Bty A Bty 2/35 moved to FSPB LION YS 6180 to sp Op SANTA FE.
 - c. 2 RAR continued Op SANTA FE with minor contact. At 0920 hrs at GR 619793 D/2RAR was contacted by 3 VC resulting in 1 Aust WIA and 1 VC WIA. Location of Bn Bn HQ GR 622826.
 - d. 7 RAR continued Operation SANTA FE without contact. Location of Bn HQ GR 596815.
 - e. Air Support. There were 5 strikes in the reported period at GR 660847, 662846, 655860, 585369, 615886 with the following BDA; 14 bunkers destroyed, 4 damaged. There were 6 minor secondary explosions possibly.

H & I Programme

3. There were 120 serials fired in sp of 1 ATF TAOR on the ni 3/4 Nov.

VC Casualty State

4. 1 VC WIA (poss).


2Lt
Intelligence Officer

Distribution

- List C
- Comd's Diary (3)

Missions Fired

1. Activity in the past 24 hours has been centred around Op SANTA FE, with a majority of msn being of the Marking or Adjusting target type.
 - a. At 0755 hrs 106 Bty fired a covering fire msn in sp of C Coy 7 RAR.
 - b. At 1002 hrs 108 Bty in sp of B/2 RAR who were in contact engaged GR 640838.
 - c. At 1009 hrs A Bty 2/35 engaged GR 530881 in sp of a contact in this area.
 - d. At 1030 hrs 108 Bty engaged GR 642830 with covering fire prior to B/2 RAR moving through the area.
 - e. At 1320 hrs at GR 652859 a Regt mission was fired by 106 Bty, 108 Bty and A Bty 2/35 on a camp at GR 652859, the mission was observed by 29A in a possum.
 - f. The remaining 9 missions fired in the period were the adjusting and recording of targets by 106 Bty and 108 Bty and marking msn by A Bty 2/35 in sp of 3/5 Cav.

Summary of Operations

2. Operation SANTA FE continued with minor contact. Patrolling of the TAOR continued without contact.
 - a. A Sqn 3 Cav Regt continued Op SANTA FE with minor contact. At 2035 hrs at GR 610820 2 VC were seen, the area was engaged with small arms; results are unknown.
 - b. Task Force Arty locations remain unchanged.
 - c. 2 RAR continued Op SANTA FE with minor contact.
 - (1) At 0720 hrs at GR 631823 A/2 RAR captured 3 VC.
 - (2) At 0925 hrs at GR 630831 B/2 RAR located a medium size camp.
 - (3) At 1005 hrs at GR 623823 B/2 RAR contacted 2 VC resulting in 2 VC WIA.
 - (4) At 1149 hrs at GR 634832 B/2 RAR located a camp and a body killed by gun shot wounds.
 - (5) At 1300 hrs at GR 634835 B/2 RAR contact 2 VC resulting in 1 VC KIA (BC) 1 VC PW.
 - (6) At GR 627830 C/2 RAR found a large camp with many underground installations.
 - d. 7 RAR continued Op SANTA FE with minor contact.
 - (1) At 1030 at GR 612829 A/7RAR found 500lbs of unpolished rice.
 - (2) At 1927 hrs at GR 597815 D/7 RAR contacted 2 VC. Results unknown.
 - e. Air Support. There were 3 strikes in the reported period at GRs 660847, 707803 and 413796 with the following BDA; 5 bunkers uncovered, no further BDA available.


...../3. H & I Prog

H & I Programme

3. There were 127 serials of H & I fired in the reported period in sp of 1 ATF base area.

VC Casualty State

4. 1 VC KIA
 4 VC PW
 2 VC WIA.

 Lt
Intelligence Officer

Distribution

List C
Cond's Diary (3)

Missions Fired

Sp of Op SANTA FE has remained the main task in the reported period with a total of 13 msn being fired.

- a. At 0719 hrs at GR 570848 106 Bty fired in sp of B Coy, 7 RAR.
- b. At 0925 hrs at GR 624830 108 Bty fired in sp of C/2RAR who thought they had observed a movement.
- c. At 1051 hrs at GR 631828 108 Bty engaged 3 VC with no known results.
- d. The remaining missions fired were the adjustment and recording of targets in sp of Op SANTA FE.

Summary of Operations

2. Operation SANTA FE continued with minor contact. Patrolling of the TAOR continued without contact.
 - a. A Sqn 3 Cav Regt. Continued Op SANTA FE without contact. A Sqn (-) remained in FSPB LION. 2Tp remained in 1 ATF base area.
 - b. Task Force Arty.
 - (1) At 2400 hrs at GR 614817, 108 Fd Bty was contacted by an unknown number of VC who detonated 2 claymore mines (Chicom type) resulting in 1 Aust KIA. 4 claymores had been placed in posn, 2 of which misfired. From observation made it appears that if the other two claymores had fired the casualties caused could have been increased considerably.
 - (2) Locations of Task Force Arty remain unchanged.
 - c. 2 RAR. Continued Op SANTA FE with minor contact.
 - (1) At 0850 hrs at GR 633831 C 2RAR found 14 bunkers, 3 buildings, a petrol pump and a bike.
 - (2) At 0850 hrs at GR 628826 C 2RAR found another sizeable camp.
 - (3) At 1050 hrs at GR 633837 C 2RAR contacted 3 VC resulting in 1VC KIA (BC).
 - (4) At 1145 hrs C 2 RAR found a large camp at GR 633-838.
 - d. 7 RAR. Continued Op SANTA FE with minor contact.
 - (1) At 1040 hrs at GR 576838 B 7 RAR were contacted by an unknown number of VC. Fire was returned with unknown results.
 - e. Air Support. There were 6 strikes in the reported period at GRs 568742, 568742, 542874, 626875, 503880 and 512882 with the following BDA; 225 metres of trench destroyed, 6 fighting posns destroyed. There was no further BDA available.

H & I Programme

3. There were 124 serials of H & I fired in sp of 1 ATF base camp on ni 5/6 Nov 67,

...../VC Casualty State

VC Casualty State

4. 1 VC KIA.

Michael Lt
for Intelligence Officer

Distribution

List C
Cond's Diary

Missions Fired

1. Activity remains centred around the AO for Op SANTA FE.
 - a. At 0412 hrs 106 Bty and 108 Bty engaged GR 623790 and GR 626787 an area in which flares had been seen from FSPB LION.
 - b. At 2100 hrs BC 108 Bty used his Bn mortars to engage a suspected en base plate at GR 620830 after mortar fire had been received in FSPB LION.
 - c. At 2300 hrs 108 Bty engaged treeline area to the N of his location where there was suspected en activity. The direct role was used.
 - d. The remainder of msn's fired were the adjustment or recording of targets in sp of Op SANTA FE.

Summary of Operations


2. 1 ATF continued Op SANTA FE with minor contact. Patrolling of the TAOR continued without contact.
 - a. At 1713 hrs at GR 565783 a SAS patrol contacted VC resulting in 3 VC KIA (BC). The patrol was extracted.
 - b. A Sqn 3 Cav Regt remained in FSPB LION in a protection role.
 - c. Task Force Artillery in FSPB LION at 2015 hrs received SA fire and 15 rds of mortar fire. Fire was returned with no known results.
 - d. 2 RAR continued Op SANTA FE with minor contact. At 0300 hrs at GR 622826 HQ 2 RAR engaged movement with no known results. There were a total of 4 camps found by the Bn throughout the period.
 - e. 7 RAR continued Op SANTA FE without contact.
 - f. Air Support. There were a total of seven strikes fired in the reported period into GRs 407796, 601695, 540857, 543787, 573822, 573822, 563780 with the following BDA; 7 bunkers destroyed, 1 secondary explosion, 50 metres of trench destroyed.

H & I Programme

3. There were 147 serials of H & I fired in sp of 1 ATF base on ni 6/7 Nov 67.

VC Casualty State

4. 3 VC KIA (BC).

 Lt
Intelligence Officer

Distribution

List C
Comd's Diary (3)

Missions Fired

1. The activity in the last 24 hours has remained constant with the emphasis being placed on sp Op SANTA FE. Other than the missions mentioned below there were a considerable no of targets adjusted and recorded from YS 6181.

- a. At 1045 hrs at GR563831 106 Bty engaged VC escape routes after C/7 RAR had been in contact resulting in 3 VC KIA (BC).
- b. At 1745 hrs at GR 550784 108 Bty fired in sp of a SAS extraction. Jade 04 observed the mission; results unknown.
- c. At 1800 hrs at GR 326715 A Bty 1/83 engaged an occupied VC Camp reported by a SAS patrol; results are unknown.
- d. At 1930 A Bty 2/35, 106 Bty and 108 Bty engaged an area 62-64E -83N where there were possible base plate posns located.

Summary of Operations

2. Operation SANTA FE continued with minor contact. Patrolling of the TAOR continued without contact.

- a. A Sqn 3 Cav Regt continued Op SANTA FE without contact and remained in location at FSPB LION.
- b. Task Force Arty at 0249 hrs at GR 610819 3 VC were observed outside the perimeter at FSPB LION. They were engaged with MG fire resulting in 1 VC KIA (poss).
- c. 2 RAR continued Op SANTA FE with minor contact.
 - (1) At 0440 hrs at GR 619820 Bn HQ engaged suspected movement with no known results.
 - (2) At GR 667869 B/2 RAR found a small camp which seemed to be a small ammo factory.
 - (3) At GR 638830 D/2 RAR found a camp of 2 huts with several large bunkers.
- d. 7 RAR continued Op SANTA FE with minor contact.
 - (1) At 1040 hrs at GR 571823 C/7 RAR contacted 3 - 5 VC resulting in 3VC KIA (BC).
 - (2) At GR 571823 C/7 RAR found a Bn size camp with over 100 bunkers and 100 metres of trench plus assorted ammo.
- e. Air Support. There were seven strikes in the reported period at GRs 682782, 564870, 562752, 628861, 559872, 550784, 550784 with the following BDA; 4 KBA (poss). There was no further BDA available.

H & I Programme

3. There were 127 serials of H & I fired in sp of 1 ATF base area on the ni 7/8 Nov 67.

VC Casualty State

4. 3 VC KIA (BC) 1 VC KIA (Poss)

Distribution

1st C Comd's Diary

[Signature]
Lt
Intelligence Officer

REGIMENTAL INFORMATION SHEET NO 264
 PERIOD COVERED 080001-082400 H NOV 67

Missions Fired

1. Sp for Op SANTA FE continued to dominate the activity of both the Regiment and A Bty 2/35 in the last 24 hours, with once again a high percentage of DFs being adjusted by both 2 RAR and 7 RAR.
 - a. At 1708 hrs at GR 606860 106 Bty fired in sp of A Coy 7 RAR who were in contact with 2 VC, of which they killed one.
 - b. At 2130 hrs in the area E53-54, N62-63 there was a sector report of a VC Coy being located in this general area. A Bty 1/83 & 161 Bty engaged grids within this area with no known results.
 - c. At 2145 in the area of grid square 3973 161 Bty fired a msn to stop any infiltration into AP SUOI NGHE.

Summary of Operations

2. Operation SANTA FE continued with minor contact. Patrolling of the TAOR continued without contact. 1 ARU deployed 2 platoon with 3/5 Cav to work in a dismounted role. A SAS patrol had a contact resulting in 1 VC KIA (BC).
 - a. A Sqn 3 Cav Regt continued patrolling FSPB LION and patrolling of AO LION.
 - b. Task Force Arty at 2100 hrs at FSPB LION 106 Bty received 1 rd of SA from the WEST, fire was returned with no known results.
 - c. 2 RAR continued Op SANTA FE without contact.
 - (1) At GR 629827 D/2 RAR found a camp.
 - (2) At GR 670857 B/2 RAR destroyed a fishtrap.
 - (3) At GR 638827 D/2 RAR found and destroyed 200lb of rice.
 - (4) At GR 663870 B/2 RAR found a charcoal hut and a boat, both were destroyed.
 - (5) At GR 649857 C/2 RAR found 4 x 2" mortar bombs in a vehicle camp.
 - d. 7 RAR continued Op SANTA FE with minor contact.
 - (1) At 0715 hrs at GR 559825 A/7 RAR contacted 4 VC resulting in 1 VC KIA (BC).
 - (2) At 1707 hrs at GR 602850 C/7 RAR contacted 3 to 4 VC resulting in 2 VC KIA (BC).
 - (3) At GR 572823 A/7 RAR found a fairly large camp with assorted stores.
 - (4) At GR 575838 A/7 RAR found a camp with 250 lbs of salt and medical supplies.
 - (5) At GR 570824 Support Coy found a platoon size camp.
 - e. 3/5 Cav continued Op SANTA FE without contact.

...../f. At Support

2.


f. Air Support. There were 4 strikes in the reported period at GRs 344754, 544787, 326720 and 325715 with the following BDA; 2 KBA (poss), 6 bunkers destroyed and 7 damaged.

H & I Programme

3. There were 131 serials of harrassing fire on the ni 8/9 Nov in sp of 1 ATF base.

VC Casualty State

4. 4 VC KIA (BC)
4 VC KBA (poss)
1 x M79
1 x M1 Carbine
3 x Rifles.

 Lt
Intelligence Officer

Distribution

List C
Comd's Diary (3)

REGIMENTAL INFORMATION SHEET NO 265
PERIOD COVERED 090001-092400H NOV 67

Missions Fired

1. Sp of Op SANTA FE remained the major task in the last 24 hours.
 - a. At 1300 hrs A Bty 1/83 engaged GR 326715 an occupied VC Base Camp.
 - b. At 2059 hrs at GR 605854 106 Bty fired in sp of A/7RAR who contacted 3 VC who approached their posn. Results unknown.
 - c. At 2240 after V Coy contact near to Route 23 161 Bty engaged escape routes to the NE in Gr Sq 5262, 5362 & 5561.

Summary of Operations

2. Operation SANTA FE continued with minor contact. Patrolling of the TAOR continued with minor contact. At 2245 hrs 1/V Coy contacted an estimated pl of VC at GR 522615 resulting in 1 pack being captured and 1 bandolier.
 - a. A Sqn 3 Cav Regt continued Op SANTA FE without contact.
 - b. 2 RAR continued Op SANTA FE with minor contact.
 - (1) At 1100 hrs at GR 647827 C/2 RAR contacted 4 VC resulting in 2 Aust WIA, 1 VC KIA.
 - (2) At GR 632818 D/2 RAR located a medium size camp.
 - (3) At GR 630836 Sp Coy/2 RAR located a camp.
 - c. 7 RAR continued Op SANTA FE with minor contact.
 - (1) At 2105 A/7 RAR contacted 3 VC. They were engaged with unknown results.
 - (2) At 2130 hrs at GR 601857 A/7 RAR engaged movement with unknown results.
 - (3) At GR 592845 B/7 RAR located 100 rolls of calico and 50 rolls of plastic.
 - (4) At GR 591845 B/7 RAR located a large bunker containing a large amount of medical supplies.
 - (5) At GR 607845 C/7 RAR located 2 sigs cents with aerials and telephone wires.
 - (6) A/7RAR located 2 camps at GR 575838, GR 599857 with assorted stores of a propaganda nature.
 - d. 3/5 Cav continued Op SANTA FE without contact.
 - (1) At GR 566854 elements of ARU located 1000lb of rice.
 - e. Air Support. There were 4 strikes in the reported period at GRs 584748, 546784, 562782 and 325714 with the following BDA; 4 KBA (poss), 7 bunkers destroyed.

H & I Programme

3. There were 99 serials of harrassing fire during the ni 9/10 Nov in sp of 1 ATF TAOR.

...../VC Casual

2.

Casualty State

4. 1 VC KIA (BC)
 4 VC KBA (poss)
 1 x M1 rifle.

[Handwritten Signature] Lt
Intelligence Officer

Distribution

List C
Comd's Diary (3)

REGIMENTAL INFORMATION SHEET NO 266
PERIOD COVERED 100001-102400H NOV 67

Missions Fired

1. Activity remained centred around Op SANTA FE.
 - a. At 1224 hrs 106 Bty engaged GR 598859, an area in which A/7RAR had contacted 2 VC resulting in 2 VC KIA(BC).
 - b. At 1325 hrs 106, 108 Bty fired a Regt mission at GR 598859 in sp of A/7 RAR as a follow up after their earlier contact.
 - c. From 1400-1500hrs 106, 108, A Bty 2/35 engaged E59-63, N83-86 with 3 Regt missions in sp of A/7 RAR.

Summary of Operations

2. Op SANTA FE continued with minor contact. Patrolling of the TAOR continued without contact.
 - a. A Sqn 3 Cav Regt continued Op SANTA FE without contact.
 - b. 2 RAR continued Op SANTA FE without contact. In the period 2 camps were located at GR 647827 and GR 640835 containing assorted documents and equipment.
 - c. 7RAR continued Op SANTA FE with minor contact.
 - (1) At 1225 hrs at GR 597855 A/7RAR was contacted by an unknown no of VC who detonated a large home made mine resulting in 2 Aust KIA, 6 Aust WIA. At 1226 hrs at GR 600857 A/7 RAR contact 2 VC, resulting in 2 VC KIA (BC). It is suspected that the 2 VC were responsible for the mine incident.
 - (2) 7 RAR located one camp in the period at GR 606-850 containing assorted stores, 20 rifles, 1500lb of rice)(polished).
 - d. 3/5 Cav (US) continued Operation SANTA FE without contact. Three camps were located in the period at GRs 551831, 556830 and 559869, containing assorted stores and equipment.
 - e. Air Support. There was one strike in the reported period at GR 345754 with neg BDA. There were no further strikes due to weather conditions.

H & I Programme

3. There were 121 serials of H & I fire on the ni of 10/11 Nov in sp of 1 ATF base area.

VC Casualty State

4.
 - a. 2 VC KIA (BC).
 - b. VC losses Op SANTA FE to 102400H Nov 67:

VC KIA (BC)	34
VC KIA (Poss)	1
VC KBA (Poss)	8
WIA	3
WIA (Poss)	3
PW	5

...../weapons

2.

Weapons	24
Ammunition	2,000 rounds SA
Medical Supplies	Large amount yet to be identified
Rice	50 lb polished 10,100 lb unpolished
Camps	45
Bunkers	342
Mines	9
Grenades	54
UXB's (incl CBU's)	60
Petrol Engines	2
Bicycles	3
Calico	100 rolls
Plastic	50 rolls
Documents	Large quantities
T pewriters	2
Military Structures	100

[Signature]
Lt
Intelligence Officer

Distribution

List C
Comd's Diary (3)

Missions Fired

1. Op SANTA FE continued to attract the major allocation of Arty in the reported period, with the majority of targets being the adjustment and recording of DFs in sp of both 2 RAR and 7 RAR.
 - a. At 0730 hrs at GR 487536 A Bty 1/83 engaged in preparatory msns for a Sector Operation in this area.
 - b. At 1100 hrs 106 Bty fired a Bty msn at GR 610879 in sp of D/7RAR in contact.
 - c. At 1445 hrs A Bty 1/83 engaged GR 601602 destroying a sampan on the SONG RAI.

Summary of Operations

2. Operation SANTA FE continued with minor contact. Patrolling of the TAOR continued without contact.
 - a. A Sqn 3 Cav Regt continued Op SANTA FE without contact.
 - b. 2 RAR continued Op SANTA FE without contact.
 - (1) At GR 657789 D/2 RAR located a camp of 5 bunkers 30' x 20' with tunnel entrances.
 - (2) At GR 642830 A/2 RAR located 1 hut.
 - (3) At GR 673795 C/2 RAR located a camp of 6 bunkers, some topographical equipment, materials and sketches.
 - (4) At GR 673782 C/2 RAR located a camp of 23 bunkers and 150 metres of communication trench.
 - (5) At GR 645817 A/2 RAR located a shelter.
 - c. 7 RAR continued Op SANTA FE with minor contact. At 1055 hrs at GR 610869 D/ 7 RAR located 1 VC resulting in 1 VC KIA (BC).
 - (1) At GR 602867 A/7 RAR found a small camp of 3 huts, 3 bunkers, 1 cookhouse. It appeared to be a printing centre and had two booby traps set up in the camp. One being a shot gun, the other Chicom TNT and a detonater.
 - d. 3/5 Cav (US) continued Op SANTA FE without contact.
 - e. Air Support. There were 4 strikes in the reported period at GRs 644746, 345754, 324716 and 600874 with the following BDA; 2 bunkers destroyed, there was no further BDA due to smoke and foliage.

H & I Programme

3. There were 111 serials of H & I fire during the ni 11/12 Nov in sp of 1 ATF TAOR.

VC Casualty State

4. 1 VC KIA (BC)
1 AK 47
1 Shotgun.


Lt
Intelligence Officer

Distribution

List C
Comd's Diary

REGIMENTAL INFORMATION SHEET NO 269PERIOD COVERED 130001-132400H NOV 67Missions Fired

1. Activity in the reported period has remained constant with the continuation of Op SANTA FE.
 - a. At 1215 hrs at GR 537675 161 Bty engaged 2 ox carts. The oxen and carts were separated and dispersed over a large area.
 - b. At 1600 hrs A Bty 1/83 engaged 2 known camps at GRs 375776 and 325717.
 - c. At 1910 hrs A Bty 1/83 engaged GR 300728 and GR 302736 where there were 2 VC Coys reported.
 - d. At 2400 hrs at GR 533635 161 Bty engaged an area where there three flares seen ; no known results.

Summary of Operations

2. Operation SANTA FE continued without contact. Patrolling of the TAOR continued without contact.
 - a. A Sqn 3 Cav Regt NTR.
 - b. 2 RAR continued Op SANTA FE without contact. 2 RAR moved to the south of AO GREY NURSE and commenced operations in AO STEPTOE. A camp was located at GR 630764.
 - c. 7 RAR continued Op SANTA FE without contact. At 1100 hrs the forward scout of A Coy set off an M26 grenade booby trap causing a slight wound to himself. 7 RAR commenced to redeploy back into AO SWORDFISH.
 - d. 3/5 Cav ceased to be under Op control of 1 ATF from 131600H.
 - e. Air Support. There were 4 strikes in the reported period at GRs 323715, 543715, 584750 and 323714 with the following BDA; 6 bunkers destroyed with 4 damaged, 30 metres of trench destroyed, 150 metres uncovered.

H & I Programme

3. There were 121 serials of H & I fire in the reported period within 1 ATF TAOR in sp of the 1 ATF base.

VC Casualty State

4. NTR.

Lt
Intelligence Officer

Distribution

List C
Comd's Diary (3)

REGIMENTAL INFORMATION SHEET NO 171
PERIOD COVERED 140001-142400H NOV 67

Missions Fired

1. There has been little activity other than the adj and recording of targets in sp of Op SANTA FE.

Summary of Operations

2. Operation SANTA FE continued with minor contact. Patrolling of the TAOR continued without contact.

a. A Sqn 3 Cav Regt continued Operation SANTA FE without contact. 3 Tp at GR 602757 located 2000' tunnel.

b. 2 RAR continued Op SANTA FE without contact. 2 camps were located at GRs 665765 and 665758 containing medical supplies and 900 metres of trench.

c. 7 RAR continued Operation SANTA FE with minor contact. A Coy 7 RAR contacted 3 VC resulting in 2 VC KIA (BC) 1 VC WIA. At 1212 hrs at GR 546782 at 1220 hrs at GR 546787 A Coy 7 RAR contacted 3 VC resulting in 1 VC KIA (BC) 1 VC WIA.

d. Air Support. There were five strikes in the reported period at GRs 567685, 543715, 479814, 479821 and 570730 with the following BDA; 5 bunkers destroyed, no further BDA available.

H & I Programme

3. There were 143 serials of H & I fire in sp of 1 ATF on the ni 14/15 Nov 67.

VC Casualty State

4. 3 VC KIA (BC)
 2 VC WIA
 1 x Thompson SMG
 1 x AK47
 2 x SKS Carbines.

[Signature]
 Lt
 Intelligence Officer

Distribution

List C
 Comd's Diary (3)

REGIMENTAL INFORMATION SHEET NO 172
PERIOD COVERED 150001-152400H NOV 67

Missions Fired

1. The activity in the past 24 hours has decreased due to the grouping of elements in static locations for the last 24 hours. The number of targets adjusted and recorded similarly decreased.
 - a. At 1330 hrs A Bty 2/35 engaged successfully a foot bridge at GR 583768.
 - b. At 2200 hrs and 0300 hrs Sector requested a Fire Plan to be fired in area bounded by E45-47, N55-57. The area was engaged by 161 Bty and A Bty 1/83 as requested.

Summary of Operations

2. Operation SANTA FE continued without contact. Patrolling of the TAOR continued without contact.
 - a. A Sqn 3 Cav Regt continued Op SANTA FE without contact.
 - b. 2 RAR continued Op SANTA FE without contact.
 - c. 7 RAR continued Op SANTA FE without contact.
 - d. Air Support. There were 8 strikes in the reported period at GR 546746, GR 7571821, GR 568732, GR 403826, GR 554696, GR 584748, GR 663345 and GR 644832 with the following BDA; 9 bunkers destroyed, 1 military structure damaged.

H & I Programme

3. There were 179 serials fired on the ni 15/16 Nov 67 into 1 ATF TAOR in sp of 1 ATF tps.

VC Casualty State

4. NTR.

[Signature] Lt
 Intelligence Officer

Distribution

List C
 Comd's Diary (3)

N16

REGIMENTAL INFORMATION SHEET NO 274

PERIOD COVERED 160001-162400H NOV 67

Missions Fired

1. With Operation SANTA FE drawing to a conclusion for 1 ATF activity has also declined.
- a. At 0812 hrs Jade 04 fired a msn using 106 and 108 Btys into GR 644832, a suspected VC Camp. No significant surveillance emerged.
- b. At 1035 hrs Jade 07 engaged a military structure at GR 392730 using 161 Bty, the structure was destroyed.

Summary of Operations


2. Op SANTA FE continued without contact. Patrolling of the TAOR continued without contact.
 - a. A Sqn 3 Cav Regt (-) continued Op SANTA FE without contact and moved to GR 613750 escorting A Bty 2/35.
 - b. Task Force Arty. 106 Bty returned to 1 ATF base loc. 108 Bty moved to XUYEN MOC YS 6568. A Bty 2/35 Arty (US) moved to YS 613705, 161 Bty RNZA remained in 1 ATF base loc as did A Bty 1/83 (US).
 - c. 2 RAR continued Op SANTA FE without contact. 2 RAR (-) returned to 1 ATF base. B 2/RAR remained in XUYEN MOC to protect the FSB.
 - d. 7 RAR continued Op SANTA FE without contact. 7 RAR (-) returned to 1 ATF base loc. C Coy remained with A Sqn 3 Cav Regt.
 - e. Air Support. There were 4 strikes in the reported period at GRs 564674, GR 644832, 644832 and 613664 with the following BDA; 2 bunkers destroyed. There was no further BDA.

H & I Programme

3. There were 157 serials of H & I fired in sp of 1 ATF base loc on ni 16/17 Nov 67.

VC Casualty State

4. NTR.

 Lt
Intelligence Officer

Distribution

List C
Comd's Diary (3)

Missions Fired

- Activity remained slight in the reported period.
- a. At 1605 hrs at GR 446530 a section FAC reported a VC platoon. The area was engaged by A Bty 1/83.
 - b. At 1725 hrs at GR 611677 Albatross 20 sighted 3 VC engaged with 103 Bty. Rds fell right on target but nothing to report.
 - c. At 2110 hrs A Bty 1/83 engaged GR 266694 where there was a report of 40VC at a meeting.

Summary of Operations

2. 1 ATF continued Operation SANTA FE without contact. Patrolling of the TAOR continued with minor contact.
 - a. A Sqn 3 Cav Regt returned to 1 ATF base loc.
 - b. A Bty 2/35 returned to 1 ATF base loc, 103 Bty remained at XUYEN MOC.
 - c. 2 RAR continued Op SANTA FE without contact. B/2RAR remained in XUYEN MOC as protection.
 - d. 7 RAR continued Operation SANTA FE without contact. C/7 RAR returned to 1 ATF base loc.
 - e. Air Support. There were 5 strikes in the reported period at GRs 612807, 550696, 403820, 343754 and 555704, with the following BDA; 9 bunkers destroyed, 6 wpn pits exposed, 1 secondary explosion.

H & I Programme

3. There were 139 serials of H & I fired into 1 ATF TAOR in sp of 1 ATF base.

VC Casualty State.

4. NTR.

[Signature] Lt
Intelligence Officer

Distribution

List C
Comd's Diary (3)

REGIMENTAL INFORMATION SHEET NO 275
PERIOD COVERED 130001 - 132400H NOV 67

IO
N18

Missions Fired

1. With the conclusion of 1 ATF's participation in Op SANTA FE activity for the period was negligible with the only fire being provided by the nightly harassing programme.

Summary of Operations

2. 1 ATF concluded participation in Operation SANTA FE without contact. Patrolling of the TAOR continued without contact.
- a. A Sqn 3 Cav Regt escorted one ALVB from 1 ATF base loc to BLACKHORSE, returning to 1 ATF at 1305 hrs.
 - b. At 0930 hrs 108 Bty returned to the HORSESHOE from XUYEN MOC.
 - c. 2 RAR concluded participation in Operation SANTA FE without contact, with the return of B/2RAR to 1 ATF base.
 - d. 7 RAR continued patrolling of the TAOR without contact.
 - e. Air Support. There were 3 strikes in the reported period at GR555678, GR 343754, GR 575837 with the following BDA; 2 secondary explosions, 1 bunker destroyed.

H & I Programme

3. There were 109 serials of H & I fired in sp of 1 ATF TAOR on the night 18/19 Nov.

VC Casualty State

4. Total losses for the duration of Op SANTA FE are:

38 KIA (BC)
1 KIA (poss)
5 WIA
3 WIA (Poss)
5 PW
54 weapons
67 grenades destroyed
25 mines destroyed
75 UXB and CBUs destroyed
3000 rounds SA ammunition
large quantity of medical supplies
2 petrol engines
6 ox carts
3 bicycles
2 typewriters
1500 lbs of polished rice
11700 lbs of paddy rice
69 camps destroyed
813 bunkers destroyed
237 military structures destroyed
1600 fe of tunnels destroyed.

W. M. S. C. 2 Lt
Intelligence Officer

Distribution

List C
Comd's Diary

Missions Fired

1. There have been two missions fired in the reported period both being observed but with no known surveillance.
 - a. At 1520 hrs 108 Bty engaged GR 551703 an area in which Jade 07 had discovered some bunkers. Though the area was well covered there was no BDA due to foliage.
 - b. At 1915 hrs an OP from the HORSESHOE sighted 5 VC at GR 515624. The area was engaged with 161 Bty and the mortars from the HORSESHOE with no known results.

Summary of Operations

2. Patrolling of the TAOR continued without contact.
 - a. A Sqn 3 Cav Regt remained in base area.
 - b. 2 RAR continued patrolling of the TAOR without contact.
 - c. 7 RAR continued patrolling of the TAOR without contact.
 - d. Air Support. There were 6 strikes in the reported period at GRs 299730, 343754, 335707, 639748, 382827, 571-821 with the following BDA; 9 bunkers destroyed, 100 metres of trench destroyed, 100 metres uncovered.

H & I Programme

3. There were 124 serials of H & I fired in sp of 1 ATF base area on the ni 19/20 Nov,

VC Casualty State

4. NTR.

[Signature] Lt
Intelligence Officer

Distribution

List C
Comd's Diary

N20

REGIMENTAL INFORMATION SHEET NO 277
PERIOD COVERED 200001 - 202400H NOV 67

Missions Fired

1. There have been only 2 msns fired in the reported period.
 - a. At 0940 hrs Jade 06 engaged GR 543715 with A Bty 2/35 where there was a base camp complex; he later engaged GR 551696 where there was a further camp. There was no actual damage assessment though the area was well covered.

Summary of Operations

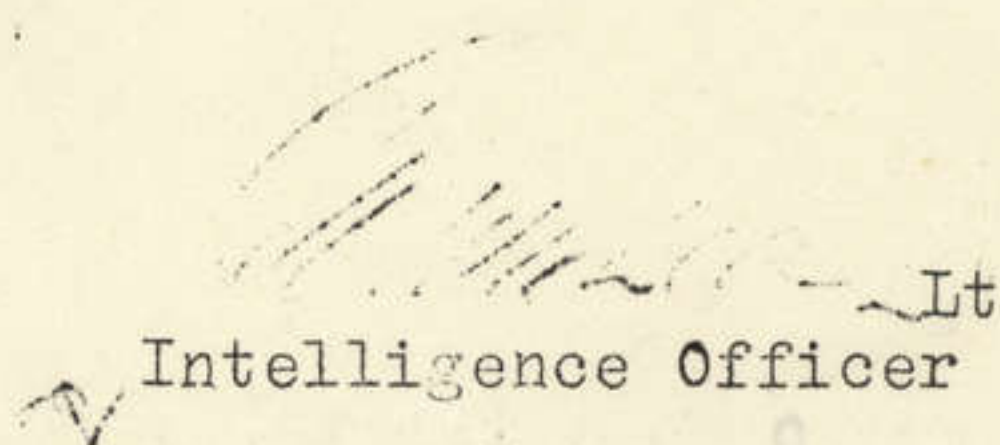
2. Patrolling of the TAOR continued without contact.
 - a. A Sqn 3 Cav Regt deployed 2 Tp to GR 540555 to assist in ARVN training.
 - b. 2 RAR continued patrolling of the TAOR without contact.
 - c. 7 RAR continued patrolling of the TAOR without contact.
 - d. Air Support. There were 3 strikes in the reported period at GRs 591758, 335777 and 352795 with the following BDA; 6 bunkers destroyed, 1 secondary explosion.

H & I Programme

3. There were 127 serials of H & I fired into the 1 ATF TAOR on the night of 20/21 Nov.

VC Casualty State

4. NTR.


Lt
Intelligence Officer

Distribution

List C
Comd's Diary (3)

REGIMENTAL INFORMATION SHEETS NO 283
PERIOD COVERED 260001-262400H NOV 67

Missions Fired

1. Activity in the last 24 hours has centered around Op FORREST with the majority of msn fired being the adjusting and recording of DFs.

a. At 1030 hrs 108 Bty fired a msn in sp of C/2 RAR who had contacted 2 VC in YS 5070 and who moved off to the NE.

b. At 1400 hrs A Bty 1/83 engaged GR 353757 in which some bunkers were sighted. One bunker was destroyed one damaged.

Summary of Operations

2. Operation FORREST continued with minor contact.

a. A Sqn 3 Cav Regt remained in base.

b. 2 RAR continued Op FORREST with minor contact. At 1018 hrs at GR 506691, C/2 RAR contaced 2 VC with unknown results. At 1015 hrs at GR 586593 D/2 RAR sighted 4 VC.

c. 7 RAR continued Op FORREST without contact.

d. Air Support. There were 5 strikes in the reported period at GR 618609, GR 503817, GR 394747, GR 394747, GR 669825 with the following BDA; 8 bunkers destroyed, 2 secondary explosions, 100 metres of trench destroyed.

H & I Programme

3. There were 121 serials of H & I fired into 1 ATF TAOR on the ni 26/27 Nov 67.

VC Casualty State

4. NTR.

Blatchley Capt Lt
 Intelligence Officer

Distribution

List C
 Comd's Diary (3)

Missions Fired

1. Activity has been centered around counter VC harrassing measures with little sp being given to D/7 RAR in their contact due to the close proximity of friendly troops. Throughout the night the following areas were engaged as suspected VC locations and escape routes; GRs 327643, 330647, 339645, 251613, 314685 and 307691. 106 Bty had an active harrassing fire programme throughout the ni, coordinated at 7 RAR.

Summary of Operations

2. Operation FORREST continued with moderate contact.
- a. A Sqn 3 Cav Regt conducted a clearing operation from 1 ATF base to NGAI GIAO and back without contact.
- b. 2 RAR continued Op FORREST with minor contact. At 1435 hrs at GR 558668 A/2 RAR located an enemy camp which was heavily booby trapped. A booby trap was set off resulting in 2 Aust KIA, 1 Aust WIA.
- c. 7 RAR continued participation in Op FORREST with moderate contact. At 1630 hrs B and D/7 RAR commenced a cordon and search operation against a VC base camp at YS 3370. At 1646 hrs D/7RAR contacted an estimated 20VC and were engaged by MG fire. The VC withdrew SOUTH but continued the contact with a rocket attack, from the WEST. The contact was broken at 1815 hrs with the result of 2VC KIA and 1 Aust KIA 17 Aust WIA. At 1650 hrs B/7 RAR in a cordon position to the SOUTH of the VC camp contacted 2 VC with the result 2 VC KIA.
- d. Air Support. There were 2 strikes in the reported period at GR 559747 and GR 508817 with the following BDA; 2 bunkers destroyed.

H & I Programme

3. There were 117 serials of harrassing fire fired into 1 ATF TAOR on the ni 27/28 Nov.

VC Casualty State

4. 4 VC KIA (BC)

Friendly Losses

5. 3 Aust KIA*
18 Aust WIA.

*Since 272400H another Aust has died of wounds.

Johnnie Lt
Intelligence Officer

Distribution

List C
Comd's Diary

REGIMENTAL INFORMATION SHEET NO 279
PERIOD COVERED 280001-282400H NOV 67

Missions Fired

1. The period has had continued activity by terrorist VC with an attack on LONG DIEN, consequently much of the ARTY activity has been a counter measure to this.
 - a. At 0230 hrs at GR 430595, 425590 108 Bty provided illumination for LONG DIEN who were under attack.
 - b. At GR 437609 at 0245 hrs 161 Bty fired on a suspected Mortar base plate posn after the Radar had obtained a fix.
 - c. 106 Bty continued their HF task from 0330 hrs to 0430 hrs in sp of D/7 RAR.
 - d. At 1106 hrs 106 Bty engaged possible VC escape routes at GR 326705 and 327702 after D/7 RAR had been in contact.
 - e. At 1330 hrs Jade 06 using A Bty 1/83 engaged GR324706, possible escape routes and a concealed camp.

Summary of Operations

2. Operation FORREST continued with minor contact.
 - a. A Sqn 3 Cav Regt continued Op FORREST without contact.
 - b. 2 RAR continued Op FORREST without contact.
 - c. 7 RAR continued Op FORREST with minor contact. At 1050 hrs at GR 333705 D/7 RAR contacted 2 VC resulting in 1 VC KIA (BC). At 1300 hrs at GR 331697 B/7 RAR contacted 1 VC with no known result. At 1615 hrs in this area 1 VC body was found and evidence of 2 VC WIA. The occupied camp at GR 338707 consisted of 9 huts, 100 metres of trench and bunkers for mortars, recoilless rifles and MGs. The area was found to be booby trapped and many weapons, documents and assorted equipment was located, including 5 LMGs, 1 x 82 mm Mortar, 31 rifles (not all complete), 70350 piastre.
 - d. Air Support. There were 3 strikes in the reported period at GRs 385824, 329716 and 324705. There was no BDA available. 161 Recce Flt contact 1 VC at GR 583574 resulting in VC KIA (BC).

H & I Programme

3. There were 113 serials of Harassing fire fired into 1 ATF TAOR on ni 28/29 Nov 67.

VC Casualty State

4. 3 VC KIA.
2 VC WIA (Poss).

W. C. / ...
2Lt
Intelligence Officer

Distribution

List C
Comd's Diary (3)

Missions First

Sp of Cp FORREST has accounted for most of the activity in the reported period.

- a. At GR670830 at 0515 hrs A Bty 1/83 engaged suspected VC location.
- b. At 0740 hrs into YS 3270 106 Bty provided some preparatory fire.
- c. At 1035 hrs 106 Bty engaged GR 325706 following B/7RAR contact. A Bty 2/35 engaged GR 320708 on possible escape routes.
- d. At 1105 hrs at GR 540601 108 Bty fired on 2 ox carts. This flused out a lot of carts and people.
- e. At 1620 hrs at GR 665766 A Bty 1/83 engaged an occupied base camp.

Summary of Operations

2. Operation FORREST continued with minor contact.
 - a. A Sqn 3 Cav Regt continued Op FORREST without contact. 3 Tp escorted engineers repairing Route 23.
 - b. 2 RAR continued Op FORREST without contact.
 - c. 7 RAR continued Op FORREST with minor contact. At 1030 hrs at GR 320702 B/7 RAR contacted 15 VC resulting in 1 Aust ~~with~~ ~~two~~ ~~comps~~ ~~were~~ ~~found~~ by D/ 7 RAR at GR333709 GR 338707 with some assorted equipment.
 - d. SAS at 1430 hrs at GR 567767 contacted 3 VC resulting in 3 VC KIA (BO) and 2 x chicom 7.62 fires captured.
 - e. Air Support. There were 3 strikes in the reported period at GRs 324704, 350795, 666766 with the following BDA; 1 secondary explosion, 1 x secondary fire, 8 x bunkers destroyed, 2 VC KBA (Poss).

H & I Programme

3. There were series of H & I fired into 1 ATF TAOR on the ni 29/30 Nov.

J. Mitchell ⁶⁰¹¹
Intelligence Officer

Distribution

List C
Comd's Diary (3)

RESTRICTED

4 Fd Regt RAA
NUI DAT

Dec 67

OPERATIONAL REPORT NO 5
1 NOV - 30 NOV 67

Reference: A. Map 1:50,000 Vietnam Series.

General

1. This report covers the period from 1-30 Nov 67, a period in which 1 ATF participated in one operation (SANTA FE) and commenced another (FORREST).

Operations

2. SANTA FE (27 Oct-18 Nov).

a. A Divisional operation in the MAO TAO area in which 1 ATF participated by searching and destroying in the THUA TICH area NORTH to the 87N and SOUTH to XUYEN MOC, with the following objectives:

- (1) Participation in the 9 Div operation to destroy VC/NVA elements and installations in the MAO TAO Secret Zone.
- (2) The destruction of VC administrative installations in the area of THUA TICH.

b. Units Participating:

- (1) 1st Bde 9th Inf Div (US).
- (2) 11 ACR (US).
- (3) Regt 18 ARVN Div.
- (4) 3/5 Cav (US).
- (5) 1 ATF.
 - (a) A Sqn 3 Cav Regt.
 - (b) 4 Fd Regt RAA.
 - (i) 106 Fd Bty RAA.
 - (ii) 108 Fd Bty RAA.
 - (c) A Bty 2/35 (US).
 - (d) 1 Fd Sqn RAE.
 - (e) 2 RAR.
 - (f) 7 RAR.
 - (g) 1 SAS Sqn.
 - (h) 161 Indep Recce Flt.
 - (i) RAAF Sp.
 - (j) USAF Sp.
 - (k) US Army Sp.

c. This report will deal only with 1 ATF's participation in Op SANTA FE. The operation itself did NOT commence until the 3 Nov. From 27 Oct-3 Nov 1 ATF was involved in a preliminary operation in the area EAST of THUA TICH as a lead into SANTA FE. On the 18 Nov 1 ATF terminated its participation in Op SANTA FE. US and other free world forces continued the operation, pressing NORTH and EAST of the MAO TAO mountain.

d. The preliminary operation commenced on the afternoon of the 26 Nov with the move of 2 RAR to DUC THANH, where they stayed overnight in a defensive location at YS 4674.

e. On the morning of 27 Oct A Sqn 3 Cav Regt (-) with A Coy 7 RAR secured FSPB WILTON (YS 5476). During the afternoon of 27 Oct HQ 4 Fd Regt RAA, 106 Fd Bty RAA and 108 Fd Bty RAA were

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...../deployed

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deployed into FSPB WILTON, remaining in DS 7 RAR and 2 RAR respectively, who had moved into their respective AOs SWORD-FISH and BARRACUDA, and commenced their search and destroy operations.

f. On the morning of 28 Oct A Bty 2/35 deployed from NUI DAT by road to the FSPB itself, where they remained in general support reinforcing the FSPB.

g. 2 RAR and 7 RAR continued searching and destroying in their AOs until the 2 Nov moving EAST towards THUA TICH, with only minor contact and a number of VC Base camps and caches being uncovered and destroyed. On the afternoon of the 2 Nov 7 RAR secured FSPB LION (YS 6181).

h. a. On the 3 Nov Operation SANTA FE commenced with:

(1) The deployment of HQ 4 Fd Regt RAA, 106 Fd Bty RAA, 108 Fd Bty RAA by air into FSPB LION on the morning of the 3 Nov.

(2) A Sqn 3 Cav Regt (-), A Bty 2/35 deployed by road from FSPB (WILTON) to LION on the afternoon of the 3 Nov.

(3) 3/5 Cav came under Op Comd of 1 ATF at 1500 hrs on 3 Nov and A Bty 2/35 went into direct support of 3/5 Cav at the same time.

(4) 2 RAR, 7 RAR, 3/5 Cav commenced search and destroy operations in AOs GREYNURSE, STINGRAY (2 RAR), OCTUPUS GROPER (7 RAR) MARLIN TUNA (3/5 Cav US).

i. The operation continued with the searching and destroying of AOs until 16 Nov. In this period there were many minor contacts, a considerable number of VC Base camps, caches and documents were located, providing 1 ATF with a considerable amount of intelligence information.

j. On the night of the 4 Nov at 2400 hrs 108 Fd Bty RAA was contacted, in FSPB LION, by an unknown number of VC who detonated 2 Chicom Claymore mines resulting in 1 Aust KIA. The claymores had been placed within twenty feet of a gun and were detonated simultaneously with the firing of harassing fire from 106 Fd Bty RAA. Two other claymore mines failed to detonate.

k. On the night of the 5 Nov at 2015 hrs FSPB LION received 15 mortar rounds from an 82 mm mortar. At the same time the FSPB was subjected to probing from 3 directions. SA fire was returned from the FSPB and an active CB programme was put into effect with no known results. There were no friendly casualties.

l. On the 16 Nov a redeployment from FSPB LION commenced following the return of 2 RAR and 7 RAR to NUI DAT.

(1) Commencing at 0800 hrs 2 RAR and 7 RAR less one coy each returned to NUI DAT. C Coy 7 RAR returned to NUI DAT by road on 17 Nov acting as a protection party for A Sqn 3 Cav Regt. B Coy 2 RAR remained to protect 108 Bty at XUYEN MOC.

(2) At 1100 hrs on 16 Nov 108 Bty flew into XUYEN MOC (YS 6469) deploying here to support the road move back to NUI DAT, of A Sqn 3 Cav Regt, A Bty 2/35 and protecting elements.

(3) At 1300 hrs HQ 4 Fd Regt RAA and 106 Fd Bty flew back into NUI DAT.

...../(4) On

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(4) On the afternoon of the 17 Nov A Sqn 3 Cav Regt and A Bty 2/35 returned by road to NUI DAT base loc.

(5) On the morning of the 18 Nov 108 Fd Bty re-deployed from XUYEN MOC to the HORSESHOE (YS 4962)

m. 1 ATF completed its participation in Op SANTA FE at 1420 hrs on the 18 Nov, with the return of all elements to NUI DAT base loc; with exception of 108 Bty which returned to the HORSESHOE.

n. Throughout the Operation prompt and efficient support was experienced by units from their direct support Artillery sub units. Artillery effectiveness was demonstrated in particular in the prompt and accurate response to the many Regimental missions engaged throughout the operation.

2. FORREST (23 Nov -)

a. A Task Force operation carried out in PHUC TUY province to deny the VC access to the rice harvest.

b. A complete summary of Operation FORREST will be contained in Operational Report No 6.

Staff Duties

3. Visits. The following visitors were received in Nov 67.

a. Maj J.H. KEEN.

b. Maj H.J. HUNGERFORD.

4. Ammunition. Details of ammunition expenditure for Nov 67 are shown at Annex B.

5. Distribution of Operational Reports. With the approval of Comd 1 ATF, one copy of this and future Operational Reports will be sent direct to the Artillery Instructor Australian Staff College.

6. Co-ordination of fire support at Task Force Level.

a. Annex C is a paper prepared originally by 1 Fd Regt RAA describing the application of the basic principles of fire support coordination at Task Force level. The duties set out in this paper have been incorporated in 4 Fd Regt SOPs.

b. Attached at Annex D is 1 ATF General Staff Instruction 22/67, Fire Support. It will be noted in some points of detail this instruction varies from Div in Battle Vol 1, but this must be accepted as a fact of life in operating in this theatre with USAF, we consider the general case is still as stated in Div in Battle Vol 1. This instruction has now been incorporated in 1 ATF SOPs.

Training.

7. Following publication of SOP for movement by Chinook in Operational Report No 4, US ammunition breakup for a similar move by US Artillery is shown in Annex E. It will be recalled that our policy is to carry with each gun 20 rounds of ammunition, the breakdown being determined for each Operation.

Medical.

8. Attached is Annex F showing statistical breakup of diseases for Nov 67.

.../9.

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9. Increased priority has been given by 1 ATF for the reconstruction of kitchens in the HQ Bty Lines.
10. A report on the incidence of acoustic nerve trauma will be included in the Feb 68 Operational Report. The report has been delayed to allow a better assessment to be made of recently improved pattern ear muffs.

4 Fd Regt LAD RAEME.

11. The report by OC 4 Fd Regt LAD is shown at Annex G.

1 ATF Det, 131 Div Loc Bty RAA.

12. The report by OC 1 ATF Det, 131 Div Loc Bty is at Annex H.


(R.J. GARDNER)
Lieutenant Colonel
Comd 4 Fd Regt RAA

Distribution:

1 ATF
AHQ (RA) (6)
Aust Staff College (for Arty DS)
School of Artillery (2)
12 Fd Regt RAA (2)
Comds Diary (3)
File (2)

RESTRICTED

RESTRICTED

ANNEX A TO 4 FD REGT RMA
OPERATIONAL REPORT NO 5

SUMMARY OF OPERATIONAL RESULTS

1. SANTA FE

a. Enemy.

- (1) 38 VC KIA (BC).
- (2) 1 VC KIA (Poss).
- (3) 5 VC WIA.
- (4) 3 VC WIA (Poss).
- (5) 5 VC PW.
- (6) 54 weapons captured.
- (7) 67 grenades destroyed.
- (8) 25 mines destroyed.
- (9) 75 UXB CBU's destroyed.
- (10) 3000 rds SA ammo.
- (11) Large quantity of medical supplies.
- (12) 2 petrol engines.
- (13) 6 ox carts.
- (14) 3 bicycles.
- (15) 2 typewriters.
- (16) 1500 lbs of polished rice.
- (17) 11,700 obs of paddy rice.
- (18) 69 camps destroyed.
- (19) 813 bunkers destroyed.
- (20) 237 military structures destroyed.
- (21) 1,600 ft of tunnels destroyed.

b. Friendly Casualties.

- (1) 3 Aust KIA.
- (2) 8 Aust WIA.

RESTRICTED

AUSTRALIAN MILITARY FORCES

Enterprise 71

RBH:IDB

File: R1300-1-7

4 Fd Regt RAA
NUI DAT

2 Dec 67

1 ATF (2)

STATISTICS - ARTILLERY AMMUNITION
USAGE RATES

Reference: A. AFV memo R1300-1-10 dated 10 Oct 67.

1. The following return is for Period 1-30 Nov 67.
- | | | |
|----|-------------------------------------|---------------|
| a. | Registration/Calibration. | 1902 |
| b. | Observed Supporting Fire. | 4552 |
| c. | Unobserved Supporting Fire. | 1822 |
| d. | Harrassing Fire | 4945 |
| e. | Training. | <u>280</u> |
| | Total Expenditure | <u>13,501</u> |

R. J. Gardner Capt
for (R. J. GARDNER)
Lieutenant Colonel
CO 4 Fd Regt RAA

Copy to:

G3 (Ops) 1 ATF

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ARTILLERY TACTICAL HEADQUARTERS
(FIRE SUPPORT CO-ORDINATION CENTRE)
AT TASK FORCE LEVEL

General

1. This paper deals with the functions of 4 Fd Regt RAA Tactical Headquarters (Arty Tac) within Headquarters 1 ATF. The procedures and methods detailed have been tested under operational conditions and have proved successful.

2. "The Division in Battle" Pamphlet No 1 Section 40 Paragraph 11 outlines the tasks of a Fire Support Co-ordination Centre (FSCC) dependent on the allotment of support as follows:

a. Co-ordination of fire support within the formation.

This involves:

(1) Accepting requests for fire support and determining the weapons to be used (mortars, artillery and air).

(2) Subsequently initiating air requests or artillery orders to meet the fire support requests.

b. Co-ordination of fire with adjacent units.

c. Preparation of the daily submission for pre-planned close air support.

d. Processing requests for immediate air support.

e. Allocation of the control of close air support tasks to forward air controllers (FAC).

f. Warning of impending close air support missions.

g. Co-ordination of air defence and, where necessary, originating local control orders to air defence units.

h. Co-ordination of suppressive fire on enemy air defence weapons within gun range when required by RAAF.

j. Co-ordination of control measures applied to prevent low flying aircraft being endangered by artillery or mortar fire.

3. The term Arty Tac has been adopted in preference to FSCC which is used by AMERICAN formations, however there is no distinction and functions do not differ.

4. In 1 ATF Arty Tac carries out the above tasks in conjunction with TF Staff except that air requests are initiated through air staff channels after co-ordination with Arty Tac.

Manning

5. Arty Tac is operated by the CO's Tac HQ Party and Arty Int Sec from Det 131 Div Loc Bty RAA supplemented by a LO from the supporting US Arty Bn and 3 additional OR from HQ Bty 4 Fd Regt RAA. Whilst he does not form an integral part of Arty Tac, the GSO2 (Air) (S3 Air) will normally re-locate himself in Arty Tac during periods of high activity such as major operations. This assists considerably in minute to minute co-ordination. Complete staff consists of:

- a. BC HQ Bty (Capt).
- b. TFAIO (Capt).
- c. IO (Capt).
- d. LO (Capt).
- e. Sgt Op Arty Int.

...../f. 2 Bdr sigs

- f. 2 Bdr Sigs.
- g. Bdr Cler.
- h. 6 Gnr Sigs (3 trained as Op Arty Int).
- j. Gnr Op Arty Int (trained as Sig).
- k. 7 Gnr Clerks.
- l. Gnr Batman (CO) (Not employed in Arty Tac).

6. It has been found necessary that the IO be a Capt as all officers in Arty Tac must be experienced and of sufficient seniority to cope with and advise TF Staff on all matters concerning Fire Support.

7. Normal manning of Arty Tac is one Duty Officer, one signaller manning the Regt net, one signaller manning the CB net and two clerks. It is desirable to have another Sig/Arty Int operator to assist on CB however the size of Det 131 Div Loc Bty is insufficient at this time, to allow this and therefore one Sig/Arty Int operator is placed "on call" with the ability to be in Arty Tac immediately when notified.

8. A 24 hour period is divided into five shifts. To fit in with different meal timings and allow some continuity the shift timings of the officers differ slightly from that of the remainder of the staff. Timings are as follows:

a. Duty Officers.

0800 - 1230 hrs
 1230 - 1700 hrs
 1700 - 2230 hrs
 2230 - 0230 hrs
 0230 - 0800 hrs.

b. Staff.

0700 - 1200 hrs
 1200 - 1700 hrs
 1700 - 2200 hrs
 2200 - 0300 hrs
 0300 - 0700 hrs.

9. Examples of duty rosters are attached as Annexes A and B.

Duties

10. The duties of the Commanding Officer, as Artillery Commander, can be considered under two headings; those of an advisory nature to the Task Force Commander and his staff and those which concern command and control of the artillery grouped with or allotted to the Task Force.

a. Duties in an Advisory Capacity. The Artillery Commander advises the Task Force Commander on all matters concerning the artillery at his disposal and in particular:

- (1) Employment of the artillery resources.
- (2) The operational fitness of all artillery units in the Task Force.
- (3) Allocation, command and control of the Task Force and supporting artillery.
- (4) Ammunition expenditure including the allocation and availability of specialised ammunition.
- (5) States of readiness of artillery units.
- (6) Counter bombardment policy.

...../(7) The inte-

3.

(7) The integration of artillery support with that provided by naval or air forces and planning of offensive air support.

(8) The manner in which artillery fire and effort should be applied both for specific targets and missions and in fire plans.

(9) The integration of his own Headquarters into the Task Force Headquarters.

(10) Air defence in the Task Force should this become necessary.

b. Duties Concerning Command and Control

(1) The Artillery Commander exercise such powers of command and control over the artillery grouped with his Task Force for specific periods or operations as are authorised by the Task Force or higher Commander. In this capacity he implements the Task Force artillery plan including the following:

(a) Grouping, employment, allocation of effort and movement of artillery.

(b) Logistic support.

(2) Control is exercised through pre-planned and impromptu allotment of artillery, fire orders and orders regarding ammunition expenditure. The duties of the Artillery Commander include:

(a) Planning of artillery fire and subsequently issuing orders for tasks to the artillery concerned.

(b) Implementing, on behalf of the Commander, procedures connected with the engagement of targets including provision of safety measures to protect aircraft which could be endangered by artillery or mortar fire.

(c) Control of fire including delegating authority for impromptu support.

11. The duties of the officers in Arty Tac can also be considered under two headings; those within Arty Tac and those not directly associated with Arty Tac.

a. BC HQ BTY.

(1) Duties within Arty Tac.

(a) The organization, efficiency and day to day operation of Arty Tac.

(b) Implement the policy of the Artillery Commander in fire planning.

(c) Assist the Artillery Commander in fire planning.

(d) Maintenance of records.

(e) Allocation of duties.

(f) Production of displays, instructions and charts.

...../(g)

4.

- (g) Training of staff.
- (h) Accounting for and maintenance of stores and equipment.
- (j) Act as Duty Officer.

(2) Duties not directly associated with Arty Tac.

- (a) Command HQ Bty.
- (b) Discipline of personnel of HQ Bty including attached personnel.
- (c) Daily administration.
- (d) Training.
- (e) Account for and maintain stores and equipment.
- (f) Welfare and amenities, health and morale.
- (g) Any other matters affecting HQ Bty.

b. Intelligence Officer.

The duties of the IO are directly associated with Arty Tac and therefore are not grouped under two headings.

- (1) Maintain maps as required by the CO.
- (2) In conjunction with Survey the provision and distribution of maps and air photographs as required by sub-units.
- (3) Maintain records of hard targets by use of a card or loose-leaf filing system which has a card/page for every grid square in and immediately outside the TAOR. This information is recorded as follows:

SQ 5070

<u>Date</u>	<u>Grid</u>	<u>Description</u>	<u>Source</u>
12 Apr	501704	Coy Camp	6 RAR
1 May	509701	Bunker	5 RAR

- (4) Collection and compilation of hard target information. Sources are as follows:
 - (a) Agent reports.
 - (b) SAS reports.
 - (c) SITREPS form BC's and FOOs.
 - (d) SITREPS from Inf, Armd and Engr units. This information is normally passed to Arty Tac by the TF CP duty officer as it comes to hand.
 - (e) Reports resulting from aerial surveillance.
 - (f) RED HAZE reports.
 - (g) Reports resulting from air photograph missions.
 - (h) PWs and Returnees.

...../(j) Higher

(j) Higher HQ. In the case of 1 ATF it has been found necessary to periodically liase with IIFFV FSCE so that a check on hard target information can be made. This source was found to be of value in providing information on hard targets which have been located in areas immediately outside 1 ATF TAOR and yet were in range of 1 ATF artillery and therefore of interest.

(k) PERINTREPS, INTSUMS, INTREPS. These sometimes provide hard target information but normally this information has already been received from another source.

(l) Daily liaison with G (Int) Staff, Army Aviation Staff, RAAF Staff and VSAF Staff.

(5) To provide BCs and affiliated Bn IOs with relevant hard target information in the proposed area of operations prior to the commencement of an operation.

(6) The preparation of intelligence annexes to operation orders.

(7) Dissemination to sub-units of all current information concerning missions fired, current operations, H & I programmes and VC casualties. This is done by the use of a daily Information Sheet.

(8) Dissemination to intelligence staffs upwards and sideways of all new enemy information obtained from forward sources and agencies.

(9) Produce daily for the Adjt a list of H & I missions to be fired showing block timings, grids and amount of fire required. This list is prepared after a co-ordinating conference with the GS02 (Air) and GS03 (Int) at 1100 hrs daily.

(10) Act as assistant unit security officer subordinate to the 2IC.

(11) Assist the CO in the compilation, preparation and production of Operational Reports.

(12) Maintain the Commander's Diary.

(13) Act as a duty officer in Arty Tac.

c. TFAIO

(1) Duties Within Arty Tac.

(a) To act as the CO's Arty Int and Counter Bombardment Staff Officer.

(b) To collect, collate, interpret and disseminate all information pertaining to the enemy use of artillery, rocket, mortar or other weapons in the bombardment rate, and the enemy use of radars or jammers.

(c) To maintain records of all enemy weapons, radars and jamming activity.

(d) Advise Arty Ops Staff on suitable targets for counter bombardment and to produce CB Fire-plans.

...../(e) To maintain

6.

(e) To maintain close liaison with G (Int) and TFCP staffs.

(f) To maintain close liaison with any other agencies or sources of information within or without 1 ATF.

(g) To prepare any papers, verbal briefings or tracers pertaining to Artillery Intelligence.

(h) To assist in the training of All Arms in the use of MORTREPS, SHELLREPS, crater examination and other similar tasks as required.

(j) To undertake crater examination and fragment identification of any areas which have been engaged by enemy weapons.

(k) To advise on, co-ordinate, task and control the Div Loc Bty Survey Section.

(l) Act as duty officer.

(2) Duties Not Directly Associated with Arty Tac.

(a) To command the Det 131 Div Loc Bty RAA in all aspects including discipline, administration, Q accounting and the maintenance of health and morale.

(b) To co-ordinate and supervise the operational and technical functioning of the LPs, the Arty Int Section, the Radar Section and the Survey Section.

(c) To co-ordinate and supervise the training of the detachment.

(d) To maintain close liaison with units, both within and without 1 ATF, having similar roles to all or part of the sub-units of the detachment.

(e) To liaise and advise of the functions, roles, capabilities and limitations of the various sections of the detachment.

d. Liaison Officer (US)

(1) Duties within Arty Tac

(a) Obtain and pass the latest information and sitreps to his commanding officer.

(b) To assist, if necessary with terminology in the passage of orders, instructions, reports and tactical information between Arty Tac and US units.

(c) Act as duty officer.

(2) Duties Not Directly Associated with Arty Tac.

Liaison as required by his Commanding Officer.

12.

a. The Artillery Commander is also responsible for the planning of offensive air support and the integration of this air support into the overall fire support plan. To achieve this a planning conference to plan for the next

24 hours takes place at 0830 hrs daily, conducted by the Artillery Commander and attended by:

- (1) GS02 (Air).
- (2) GS02 (Int).
- (3) Representative from Air Int.
- (4) Representatives from other Int agencies.

b. As a result of this conference and under the direction of the Artillery Commander, the GS02 (Air) then carries out the following duties, in detail with Arty Tac:

- (1) Integration and co-ordination of artillery and air support and the use of air space of the TAOR.
- (2) Co-ordination of pre-planned air-strikes and artillery with special attention to planning of H & I programmes.

13. Duties of the Duty Officer in Arty Tac are:

- a. Represent the Artillery Commander in controlling and co-ordinating fire support.
- b. Obtain and pass clearances for artillery and mortars to fire.
- c. Ensure that a continual flow of tactical information is passed to and from the Task Force Command Post (TFCP) and Regt CP/Bn FDC.
- d. Originate fire missions for targets which have been assessed as warranting engagement.
- e. Originate impromptu fire plans as considered necessary.
- f. Ensure that all records, logs and displays are maintained and kept up to date.
- g. Ensure that all maps are kept up to date with tactical and target information.
- h. Keep Artillery Commander fully informed, at all times, of the tactical situation.
- j. Closely supervise the work of the staff.
- k. Attend TF Commander's Conference.

14. A detailed handover must be conducted between duty officers and to assist in this regard a handover check list is used. A copy of the check list is attached as Annex C.

15. The duty officer must not become too involved with the actual functioning and minor detail in Arty Tac. He must position himself where he can speak on the radio and telephone, speak to the TF duty officer, see the map and check the work of the staff.

16. Duties of the staff in Arty Tac are:

- a. Sgt Op Arty Int.
 - (1) Understudy TFAIO in his duties in Arty Tac excluding that of duty officer.
 - (2) Control, supervise and check the technical running of the Arty Int Sec./(3) Control

8.

(3) Control training of the Arty Int Sec and LPs as directed by the TFAIO.

(4) Act as a duty sig/Op Arty Int.

b. Bdr Sig.

(1) NCO in charge of Arty Tac staff.

(2) Production of duty rosters for sigs.

(3) Maintenance of all communications equipment and stores.

(4) Training of sigs.

(5) Maintenance and checking of codes and signals instructions.

(6) Act as duty sig.

c. Bdr Clerk

(1) In charge of clerical staff.

(2) Production of duty roster for clerks.

(3) Training of clerks.

(4) Receive, distribute and file all documentation on the direction of BC HQ Bty.

(5) Deal with any matters of administration affecting Arty Tac.

(6) Carry out checks on target records with Regt CP, Bn FDC and btys.

(7) Maintenance of all stores and equipment, other than communications, stores and equipment.

(8) Act as duty clerk.

d. Duty Sig.

(1) On mounting duty check:

(a) All communications equipment is serviceable.

(b) Frequencies and call words.

(c) Codes.

(d) Signal strength reports.

(e) Sig Log Book.

(2) During tour of duty:

(a) Man 4 Fd Regt RAA Regt net.

(b) Ensure Duty Officer is aware of any information received.

(c) Decode locstats and messages.

(d) Transmit orders and information on the direction of the duty officer.

(e) Maintain Sig Log Book. /e Duty

e. Duty Clerks (2).

- (1) On mounting duty check:
 - (a) All information recorded on the maps.
 - (b) Current fire plans and DFs.
 - (c) Target Records.
 - (d) Ammunition returns.
 - (e) Locstat board.
 - (f) Missions currently being conducted.
 - (g) "In" and "out" trays.
 - (h) Emergency lighting.
- (2) During tour of duty:
 - (a) Produce and pass information which is required for ground and air clearances.
 - (b) Ensure that all information and targets on maps are kept current.
 - (c) Maintain all records, returns, displays and charts.
 - (d) Distribute and file any documentation received on the direction of BC HQ Bty or Duty Officer.
 - (e) Record Intelligence information on the direction of the IO.
 - (f) At 0800 hrs each morning prepare Sitrep of previous nights' activities for the Artillery Commander.

f. Duty Sig/Op Arty Int.

- (1) Man TF locating net.
- (2) Encode and decode all messages and maintain ops/sig log.
- (3) Record location and state of readiness of all locating equipments.
- (4) Maintain Hostile Battery Chart, bearing report trace and intelligence records.
- (5) Plot and file all mortreps, shellreps and loc-reps received.
- (6) Produce a search bearing and pass it to the appropriate radars.

g. Miscellaneous Duties.

In addition to the duties already detailed the following duties are also allocated to the staff of Arty Tac:

- (1) A Batman for the BC HQ Bty, TFAIO, IO and LO.
- (2) Drivers and relief drivers for the CO, BC HQ Bty and TFAIO.
-/(3) Typist.

- (3) Typist.
- (4) Laundry representative.

Tasks and Functions of Arty Tac

17. The function of Arty Tac is to assist the Artillery Commander in carrying out his duties.
18. Arty Tac is located in same building as the TFCP and AWCC (Kangaroo Control). An emergency Arty Tac bunker is located adjacent to the building, in the event of attack and this will be covered in detail later.
19. Arty Tac is separated from the TFCP by a partition in which there is an open window for easy access. Separation from Kangaroo Control is also by a partition in which there is an open door.
20. Other agencies with which Arty Tac must deal are located close by in an adjacent building. All agencies are connected by a press-button intercommunication system. These are:
- a. USAF Ops (Jade Control).
 - b. RAAF Ops.
 - c. Army Aviation.
 - d. GS02 (Air) - when not located in Arty Tac.
21. Fire Support Co-ordination Element (FSCE).
- a. The FSCE is part of HQ II Field Force Vietnam (FFV) Artillery within HQ II FFV. Recent amendment to US terminology redesignated FSCC to FSCE but there are no changes in functions or roles.
 - b. The FSCE therefore carries out the co-ordination of all fire support and air support at Corps level, including Naval gun fire (NGF).
22. Arty Tac can be established in an ACV, a wheeled CP vehicle, an 11' x 11' tent or dug-in however the principles and basic layout remain the same.
23. Arty Tac in Base Area.
- a. The room is about 20' x 30' and provides more than ample space.
 - b. The tactical map, a 1:25,000 enlargement of the 1:50,000 series, is located at the end which is next to the TFCP. The map board is 12' x 8' and shows sufficient map coverage for the maximum ranges of all artillery weapons. Information permanently marked on the map is:
 - (1) 1 ATF TAOR divided into Bn TAORs and areas which remain the responsibility of HQ 1 ATF.
 - (2) ARVN TAORs with 1 ATF TAOR.
 - (3) Permanent No fire, restricted and free fire zones.
 - (4) Permanent locations of artillery units in 1 ATF or attached to 1 ATF.
 - (5) Gun maximum ranges.
 -/(6) Locations of

(6) Locations of ARVN artillery and ARVN PF and RF units and outposts.

(7) The TAORs of formations adjacent to 1 ATF TAOR.

c. Also displayed on this board are:

(1) Base Area DF map scale 1:25,000 approximately 2' square, showing all information marked on the Tac map plus the outline of the base area and all DF targets.

(2) Trajectory charts for all artillery weapons and mortars available to 1 ATF (105mm L5, 105mm M2A2, 155mm M109, 8" M110 SP, 175mm M107 SP, 81mm Mor).

(3) Scale marked every 1,000 metres from 0-33,000 metres.

d. The mapboard is covered with Talc (cellulose) and it is planned to replace this with Plexiglass and strip lighting when this becomes available.

e. All current locstats, temporary AOs, no fire, restricted and free fire zones, areas of air activity, airstrikes, H & Is, patrol traces and any other tactical information is marked on the map with chinagraph or grease pencils. To assist with identification a colour code is laid down at the edge of the map.

(1) Black - all artillery locstats, 7 RAR, patrol traces, H & I, free fire zones.

(2) Blue - 2 RAR and all other locstats, patrol traces.

(3) Red - No fire and restricted fire zones, AOs, enemy activity.

(4) Orange - Airstrikes and areas of air activity, Naval gunfire (NGF).

f. To assist with plotting of locstats a piece of flexi-glass approximately 6" x 4" with two different sized squares cut in the centre, is used. This is hung on edge of the Tac mapboard.

g. Next to the window to the TFCP there is a bench at which the duty officer is located. On this bench are positioned 7 telephones and an internal switchboard. The remainder of that side of the room is taken up with 3 more tables. The table immediately next to the Duty Officer is occupied by the duty sig, two clerks, a remote and spare radio set and Int files (hard targets). The remaining tables are both covered with maps, one 1:25,000 and the other 1:5,000. These are used for H & I planning, general planning and fire planning. When LOs from other artillery formations are attached to Arty Tac, they are located at these tables.

h. On the wall above the window and extending from the Duty Officer to where the clerks are seated is a Battle message board check list for handover of Duty Officers, diagrammatic layouts of Trunk and Internal Telephone Routine chart showing usage of tgt number allotted to Arty Tac, Ammunition return, instructions for checking emergency Arty Tac bunker, signals chart showing frequencies, call words, current codes, passwords, Q hours, nicknames, codewords and points of origin, Signals diagram with the

...../facility

facility to add stations that join the net, locstats board and duty rosters, copies of Artillery Technical Pamphlets and Range Tables applicable to all weapons are located on a shelf underneath the windows. The battle message board consists of a series of folders under the following headings:

- (1) Operation Orders.
- (2) Patrol programmes.
- (3) Patrol traces covering next 24 hours.
- (4) DF target lists.
- (5) DF targets on a temporary basis (nickname TINTRUNKS).
- (6) 1 ATF H & I programmes (nickname PLUTO).
- (7) IIFFV H & I programmes.
- (8) Fireplans.
- (9) Target Records.
- (10) TF Ops Log.
- (11) Duty Officer's Log.
- (12) Completed Duty Officer's log.
- (13) Task Tables (Blank) AB545.
- (14) Spare TF numeral (KAK-QK) and crypto (KAK-PI) codes.
- (15) Current KAK-QK and KAK-PI codes.
- (16) TF and 4 Fd Regt SOIs.
- (17) Record of missions fired.
- (18) Summary of Sitreps.
- (19) Officers to read.
- (20) Duty Rosters.

j. At the rear end of the room there is a table used for administration and distribution of correspondence in trays and holding small wooden cabinet for spare stationery and a typewriter.

k. Also at the rear of the room is a cupboard with a shallowly sloped top holding a Picto map (1:25,000). This map is used for ground recognition and H & I planning. The cupboard contains a library of maps and general stationery. A one drawer filing cabinet containing administrative and operation files completes the furniture at the rear of the room.

l. The other side of the room has three tables in line but out from the wall to leave a passage from Kangaroo Control and an exit door to the TFCP and Bunker. This allows HQ staff to move freely through Arty Tac without entering the working area. A gap at each end of these tables allows access into the working area. One table with a one drawer safe underneath for classified documents is reserved for the GS02 (Air) and the remainder are used by the Arty Int Sec and holds the target map.

m. The Arty Int Sec is organised as follows:

- (1) One table for the duty Op Arty Int on which there is the control radio for the TF locating net, telephone, Ops log, mortreps, shellrep, locrep and equipment state chart.
- (2) On the other table is the Hostile Battery (HB) chart (1:25,000) and bearing report trace. Underneath the Target map, positioned next to the HB chart is an overprinted map showing the CB fire plan for the base area.
- (3) Below these tables are kept the Arty Int files and records.

...../n. The target

n. The target map (1:25,000) is on a moveable board measuring 4' x 3' and on this map are plotted all targets that are contained in target records. The outline of 1 ATF TAOR is also shown.

o. The diagrammatic layout of Arty Tac is shown in Annex D.

24. Emergency Arty Tac (Bunker).

a. This is one of three USAF Conexes built into the side of the building housing TFCP and Arty Tac. The other two bunkers are designed to accommodate TFCP, Jade Control and Kangaroo Control. The bunker complex is sandbagged and has a blast wall protecting the entrance.

b. Actual working area of Arty Tac is 5' wide x 8' long x 5' high which is sufficient to accommodate the staff, however a little cramped for prolonged operation.

c. On a minor scale maps, battle message board, displays and charts are duplicated so that the minimum movement of such items is required when the bunker is occupied. All these items are constantly kept current in conjunction with the similar work in Arty Tac.

d. One end of the bunker is open and on the side walls are located a 1:25,000 and a 1:5,000 map, battle message board, displays and charts. A shelf is built into the rear wall and holds both radios on the Regt net and the TF locating net, telephones and two small fans. A bench approximately 2' wide divides the bunker in half and holds a map overprinted with the CB fire plan for the base area and a map showing the base area DF plan exactly the same as the map displayed on the Tac mapboard in Arty Tac.

e. When the bunker is manned six personnel are involved and three work each side of the bench. The two sigs occupy a position at the rear of the bunker, on one side the TFAIO (or Op Arty Int "on call") stands behind the CB fire plan map. On the other side the Duty Officer stands behind the DF map, one clerk is located on each side.

f. The diagrammatic layout of Emergency Arty Tac is shown on Annex E.

25. Arty Tac on Operations.

a. Tent Operated and Underground.

(1) Arty Tac is initially established in an 11' x 11' tent. Digging commences adjacent with the tent and when completed all stores and equipment are moved underground. Size of the hole required is 11' x 11' x 6' and layout is exactly the same as that when operating in the tent.

(2) Two lightweight folding tables are located on either side and two mapboards 4' x 3' are fixed to the end wall. The duty officer is positioned at one table next to the mapboards and on this table are located 6 telephones. Next to the duty officer are the duty sig and one duty clerk positioned at the other table which holds two radio sets (Regt net and Kangaroo Control) and stationery. The battle message board covers the wall on this side. On the other side nearest the mapboards is positioned the other duty clerk and on the wall is positioned

...../another

another mapboard 4' x 3'. The duty sig/op Arty Int is located at the remaining table on which are the radio set (TF locating net) and the HB chart and bearing report rrace.

(3) The mapboards located on the end wall hold two 1:25,000 maps covering the area of the operation. The remaining mapboard holds a 1:50,000 map showing the information detailed in paragraph 23b. These three mapboards together constitute the Tac map.

(4) A stores list for operation in this role is attached as Annex F.

(5) Diagrammatic layout of Arty Tac underground/tent operated is also attached as Annex G.

b. ACV and Wheeled CP Vehicle.

(1) ACV suitable for this type of deployment is the Carrier, CP light tracked M577A1 which is basically an Armoured Personnel Carrier M113A1 with an extended roof and extra internal fittings. These vehicles are used in the Cavalry Regiment and extensively by US units including the role of Artillery FDCs (CPs).

(2) Working space available is 8' wide x 9' long x 6' high which is sufficient to establish Arty Tac using the same layout as shown in Annex G with the exception that all radio sets are located on one side.

(3) The internal fittings of the vehicle include a bench 2' wide, on each side, a rack to hold radios running the length of the compartment, on one side and removeable mapboard 7' x 3' on the opposite side. A tent, the same height and width as the vehicle and 20' long is also carried and is attached to the rear of the vehicle.

(4) Stores required remain the same as shown in Annex F with the exception of tentage and tables. Extra furniture could be carried if it is intended to utilize the attachable tent.

(5) Layout and stores for establishing Arty Tac in a wheeled CP vehicle would be exactly the same as for the ACV.

c. Arty Tac is sited as close as the tactical situation permits to the TFCP and is connected by telephone.

d. Kangaroo Control will normally remain in the base area however Jade Control have the ability to operate from vehicle mounted radio sets and normally accompany Arty Tac on operations. Jade control is also sited as close as the tactical situation permits to Arty Tac and is connected by telephone.

e. Arty Intelligence Section.

(1) The establishing of Arty Tac on operations has included the Arty Int Sec however, at times, the TFAIO and his staff may remain in the base area.

(2) The enemy mortar threat in the base area or in the area of operations will govern the deployment of locating equipment and listening posts (LPs). If some locating equipment and LPs are deployed on operations, the TFAIO and his staff will normally remain with Arty Tac.

(3) Command of locating devices remaining in the base area are covered later.

...../Movement

Movement

26. Movement of Arty Tac is carried out in conjunction with the movement of Task Force HQ. Transportation can be by any of the following methods:

- a. Wheeled vehicles.
- b. Armoured Personnel Carriers.
- c. Helicopters.
- d. Transport aircraft.

27. The vehicles contained in Arty Tac are capable of carrying all personnel stores and equipment however this places considerable strain on the vehicles. Vehicles available are:

- a. Z - ($\frac{3}{4}$ ton FFR) - CO.
- b. SZ - ($\frac{3}{4}$ ton FFR) - BC HQ Bty.
- c. CBI - ($\frac{3}{4}$ ton FFR) - TFAIO.

28. All vehicles tow a $\frac{1}{2}$ ton trailer. A further vehicle, provided by the LO (US) could be available and if so the problem would be overcome.

Communications

29. Arty Tac has five radio sets (AN/PRC 25), two of which are constantly manned. These are the Regt net and the TF locating net. A spare set is also located in Arty Tac and is used for communicating with Air Observers, speaking on battery nets if required and any other radio communication necessary including the standby set if the set on the Regt net breaks down. The two remaining sets are located in the emergency bunker for operating on the Regt and TF locating nets. They remain set on current frequencies and only remains necessary for them to be switched on to be fully operational. A sixth set is the CO's set and it is located in the CO's tent.

30. The set on the Regt net has a remote in Arty Tac running from the set located on Nui Dat, approximately 800 metres away. This set uses an RC-292 aerial. Remaining sets use di-pole wire aerials, all sited in the vicinity of Arty Tac.

31. a. An intercommunication system also links Arty Tac and the following:

- (1) TFCP.
- (2) Kangaroo Control.
- (3) Jade Control.
- (4) RAAF Ops.
- (5) Army Avn and GS02 (Air).

b. It is a press button system and either one or any number of subscribers can be spoken to at once.

32. Line. Arty Tac has 7 telephones and an SB 993/GT 6 jack switchboard. Direct lines go to:

- a. Regt CP.
- b. Regt switchboard (Regt adm).
- c. FCC's (omnibus).

- d. TF Switchboard.
 - e. Bn FDC 1/83 Arty.
 - f. FSCE IIFFV.
 - g. Operator for internal switchboard.
33. The internal switchboard has the following lines:
- a. CO's tent.
 - b. BC HQ Bty tent.
 - c. TFAIO's tent.
 - d. Arty Int Sgts tent.
 - e. Arty Tac lines.
 - f. TF Switchboard
34. The direct line to the Bn FDC 1/83 Arty has the facility to be connected through the FDC switchboard to the Regt CP and thus becomes the TF Fire Orders Line.
35. The emergency bunker has all lines duplicated with the exception of the switchboard and the addition of a direct line to the CO. Because of a shortage in telephones, only one telephone is permanently located in the bunker and this is connected to the Regt switchboard.
36. Operations
- a. Four radio sets are normally taken on operations with one set remaining in the base area. Employment of these sets are as follows:
 - (1) Regt Net.
 - (2) TF Locating Net.
 - (3) Kangaroo control or Bty HQ of general support bty.
 - (4) Spare.
 - b. The employment of the set to Kangaroo Control or Bty HQ of the general support bty will be covered later.
 - c. Line. Layout of line could differ from operation to operation dependent on the location of units. However as a guide the following lines would be laid from Arty Tac (Tent or Underground) when sited reasonably close to the Fire Support Base.
 - (1) TFCP.
 - (2) Regt CP.
 - (3) Regt Switchboard.
 - (4) CO.
 - (5) Jade Control (if required).
 - (6) TF Switchboard (if in operation and thus to FSCE).

Lighting and Ventilation

37. Arty Tac is lit by electricity and lights are shaded by

using ration tins to minimise light escaping. An emergency lighting system is also set up using Burnbrite fluorescent tubes run off AN/PRC 25 set batteries. Location of tubes are; one over the HB chart, two over the Tac map and one over the Sig manning the Regt net.

38. Three 16" fans are attached to the walls and these are considered absolutely essential as operation without them is extremely uncomfortable and fatiguing.

39. Bunker.

a. The bunker is lit by two fluorescent tubes attached to the roof. These are run from 12v wet cell batteries and are controlled by a push pull switch which also controls similar lighting in the other bunkers.

b. A wandering electric light with a lead is used for the continuous recording of information carried on in the bunker, as the continual switching on and off of the fluorescent lighting soon drains the batteries. In the event of an attack on the base area all generators are immediately switched off and the fluorescent lighting is then used.

c. Two 6" battery operated fans are located at the rear of the bunker and once again are absolutely essential.

40. On Operations. Three fluorescent tubes are used run from AN/PRC batteries. These provide ample lighting in all configurations.

41. Kangaroo Control (AWCC). Functions and organization are shown in Annex H.

Jade Control (USAF Ops and ALO)

42. Jade Control control all strike aircraft over the TAOR. Directly operating to Jade Control are the airborne Forward Air Controllers (FAC) who direct strike aircraft onto targets and carry out visual reconnaissance (VR) over the TAOR.

43. VR has become an important factor in gaining extremely useful intelligence information. Although not trained air observers, FAC's have engaged many missions successfully.

44. Communications. Jade Control is equipped with two MRC-108 Radio pallets, one of which is vehicle mounted. These pallets contain radios with HF, VHF and FM capabilities. The vehicle mounted sets are deployed on operations as mentioned previously.

Army Avn and RAAF Ops

45. The duties of the GS02 (Air) have already been outlined and all information concerning Army Avn and RAAF Ops is passed by him. Air warnings are passed by Kangaroo Control.

46. The diagrammatic layout of TF HQ is shown in Annex J.

Procedures and Safety

47. Arrangements necessary to ensure the safety of friendly troops, civilians and aircraft fall into two broad categories:

a. Prevention of guns or mortars firing at targets in areas occupied by friendly troops or civilians. This process is known as "ground clearance".

...../b. Warning

b. Warning to aircraft which might otherwise fly into the trajectories (ordinates) of projectiles. Although this amounts to warning to aircraft it is known as "air clearance".

48. Ground Clearance. The TF TAOR is subdivided into areas of responsibility for each battalion and ARU and into areas which remain the responsibility of TF HQ. The lines of demarcation may change from time to time to suit the tactical situation. In addition there are periodically superimposed on these areas, "No fire" areas, which are known as Special Clearance Zones. These zones are normally areas in which friendly activity is being conducted.

49. Responsibility for granting ground clearance is as follows:

<u>Serial</u>	<u>Location of Tgt</u>	<u>Authority for Granting Ground Clearance</u>
1.	Within a Battalion AO but not within a Special Clearance Zone.	HQ of the battalion in whose area target is located. Clearance will be passed by the BC of the DS Fd Bty on the Regt Net.
2.	Within the area of responsibility of HQ TF.	TF CP. Clearance will be passed by Arty Tac on the Regt Net.
3.	Within Special Clearance Zone.	As per Serial 2.
4.	Outside TF TAOR.	Arty Tac through TFCP obtains clearance from whichever authority may control the area of the target. If the target lies in an area controlled by the originator clearance is implied. Clearance will be passed on the Regt Net by Arty Tac.

50. Where a target lies within 1,000 metres of a boundary and troops on the opposite side of that boundary could be endangered, ground clearance must also be given by the appropriate authority having responsibility for that area.

51. It is the responsibility of Arty Tac to ensure that these clearances are sought and passed.

52. Ground clearance is passed to the originator of the mission and to the CP/FDC/Base Plate controlling the fire, in the following form as appropriate:

- a. Grid.....clear from ground troops.
- b. Grid.....negative ground clearance.

53. Air Clearance. All calls for fire support are monitored by Arty Tac, the initial orders recorded and acknowledged on completion. Should the originator not be on the Regt net, the CP/FDC receiving the call must relay to Arty Tac. In the case of mortars, the FCC normally passes the target information to Arty Tac.

54. On receipt of the call for fire Arty Tac immediately notifies Kangaroo and Jade Controls by means of the intercommunication system in the following form:

- a. Firing From.....(Grid Square/s).
...../b. Azimuth

- b. Azimuth (Bearing).....degrees.
- c. Maximum Ordinate.....feet
(Vertex Height)
- d. Maximum Range.....metres.
- e. Firing into.....(Grid Square/s).

55. If heavy artillery is engaging, the Control and Reporting Centre (CRC) (Paris Control) located at TAN SON NHUT Airfield is also notified by relaying through the FSCE. If notification is more than 15 minutes before firing information must be encoded, if less than 15 minutes information is sent in clear. Information is sent in the following form:

- a. Firing from.....(Grid Square/s).
- b. Firing into.....(Grid Square/s).
- c. Maximum Ordinate.....Feet.
- d. Time of Firing: From.....hrs to.....hrs.

56. Upon receipt of details of a fire mission Jade and Kangaroo controls immediately broadcast the information to all aircraft in the form given in paragraph 50. Immediately following this broadcast, the Jade and Kangaroo operators advise Arty Tac that the warning has been passed to aircraft by reporting "Broadcast". This broadcast normally constitutes air clearance for the particular fire mission however should an aircraft ask for a delay in direct response to the broadcast it is immediately passed to Arty Tac and appropriate action taken.

57. Air clearance will be notified by Arty Tac to the originator of the fire mission and to the CP/FDC controlling the guns or FCC in the case of mortars, in the following form as appropriate:

- a. Grid.....clear from air.
- b. Grid.....negative air clearance.
- c. Grid.....negative air clearance, delay figures
.....minutes. When clearance available - Grid.....
clear from air

58. The unqualified report in a. above must be received before guns or mortars are allowed to fire. Temporary delays in clearance sometimes occur when aircraft are operating in the line of fire and request time to clear the area.

59. The responsibility for not firing until both ground and air clearance have been obtained ultimately rests with the CP/FDC/Base plate controlling the guns or mortars, however regardless of the method in which they are passed as described above, the CP/FDC/Base plate must receive before fire is opened. Notwithstanding this responsibility it always remains the responsibility of the detachment commander or crew chief of a weapon not to fire if an aircraft, visible to him, appears likely to be endangered.

60. The time taken to obtain clearances is usually less than the normal reaction time of the guns. However in genuine cases of operational emergency, the originator of a fire mission may order guns to fire without clearances but will then be required to justify his action.

61. Method of Obtaining Clearances in Arty Tac.

...../a. On

a. On receipt of initial orders for a fire mission the following action takes place:

- (1) Clerk 1 plots the target and calls out the grid square of guns engaging, azimuth, range and maximum ordinate.
- (2) Clerk 2 writes down this information on a card set out as shown in paragraph 50.
- (3) Duty Officer gives timings of mission to Clerk 2 in the case of heavy artillery.
- (4) Clerk 2 informs Jade and Kangaroo Controls of fire mission details and waits for the report of "broadcast".
- (5) Clerk 1 informs FSCE for Paris Control of mission details shown in paragraph 51, in the case of heavy artillery. A card is also used to assist with this information.
- (6) If location of target is in an area which is HQ TF responsibility or outside 1 ATF TAOR. Clerk 1 informs TFCP of target details and obtains ground clearance.
- (7) The duty officer monitors the Regt net to ensure that ground clearance has been sent if the target is located in a battalion AO.
- (8) When all reports have been received the duty officer orders the sig to send "Grid.....clear from Air and ground troops or clear from Air" as appropriate.

b. On the report of end of mission it is passed to Jade and Kangaroo Controls by or on the direction of the duty officer.

c. To assist with the production of information a circular protractor marked in degrees has been made from Plexiglass. A piece of cord is fixed to the centre long enough to cover the maximum range of all weapons on the Tac map (1:25,000). The centre of the protractor is placed over the location from which weapons are firing and the cord is held over the plot of the target. Azimuth is read from the protractor where the cord intersects the scale and then the centre of the protractor is placed at Zero range on the range scale (see paragraph 23c) and by measuring the cord, the range is read and rounded off the nearest 500 metres above. Maximum Ordinate is found by reading against maximum range from the appropriate trajectory chart. Charts are made up to show maximum ranges in low angle and minimum ranges in high angle for all charges of all weapons.

Harrassing and Interdiction (H & I Fire)

62. A list of H & I Missions showing timings, grids and amount of fire required are produced daily by the IO, after co-ordination with Air and Intelligence. These are distributed as a fire plan currently Nicknamed PLUTO by the CP/FDC of the unit engaging, showing allocation of the fire to sub-units. On receipt in Arty Tac copies of the Fire Plan are distributed to Jade and Kangaroo Controls, TFCP, RAAF Ops and for information to Battle Int.

63. H & I missions are also received from the FSCE, IIFFV and are incorporated into 1 ATF H & I Programme. If these targets

...../fall outside

fall outside 1 ATF TAOR, ground clearance has already been arranged. Only local air clearance (Kangaroo and Jade Controls) is necessary as Paris Control is also informed by the FSCE. If there is any departure from the block timings laid down by the FSCE it is necessary to inform the FSCE of amended timings and a new clearance gained.

64. All H & Is are cleared in the normal way except for the above case, and following is the method of preparing clearances on the receipt of the Fire Plan:

- a. Clerks 1 and 2 plot all targets showing the time to be engaged on the Tac map. This is also a safety check against the original list produced by the IO and the final Fire Plan.
- b. The duty officer checks the areas to be engaged and timings.
- c. The duty officer ascertains what clearances are necessary for different areas and draws a series of columns on the right hand side of the Fire Plan, heading each column with the particular authorities concerned.
- d. At an appropriate time before firing is due to commence, the clerks under the direction of the duty officer carry out the necessary clearances. The duty officer places a check mark in the appropriate column as serials are cleared.
- e. When all clearances have been gained the duty officer then orders the sig to send to the CP/FDC controlling the fire "Pluto.....Serials.....to.....clear from air and ground".
- f. Clearances are normally carried out to cover a block of serials on the fire plan which normally also coincide with time blocks.

Counter Bombardment

65. Details on the conduct of the CB Battle are contained in Annex K.

Employment of Liaison Staff from Other Units or Formations

66. During operations when other units or formations are operating within 1 ATF and certain artillery elements, Liaison Staff are attached to Arty Tac. Normal US Liaison party consists of one officer normally a Captain and two or three other ranks equipped with sufficient radio sets for communications.

67. The functions of the Liaison Staff are:

- a. Co-ordinated fire with Arty Tac.
- b. Keep Artillery Commander informed of the tactical situation and the operation employment and fitness of artillery units.
- c. Provide communications.
- d. Obtain and pass clearances to fire.

68. Arty Tac is capable of accepting two liaison parties without the addition of furniture. They are located at the two tables next to the table where the sig and clerks are positioned (see paragraph 22.g.).

69. No assistance is normally required except the supply of maps and cards for recording information for clearances. Two map boards 4' x 3' are positioned on the tables to hold maps which is normally sufficient coverage for AOs.

70. Clearances.

a. Ground Clearance.

(1) As attached units or formations usually operate in AOs which are their own responsibility, ground clearance is granted within the unit or formation and requires no action from Arty Tac.

b. Air Clearance.

(1) All air clearances are granted by Arty Tac for guns and mortars to fire.

(2) There have been two methods of producing information dependent on the normal form adopted by the fire unit engaging.

(a) Information is passed to the LO in the form shown in paragraph 50 (detail produced).

(b) Initial orders are passed to the LO and information is produced in Arty Tac.

(3) If the information is received as in (2)(a) above the LO staff copy it onto the card provided and it is passed to Jade and Kangaroo Controls by a clerk. If information has to be produced it is done in the normal way as described in paragraph 57. After familiarising themselves with the method of producing information LO staff can assist with the production and passing of the information to Jade and Kangaroo Controls.

c. Normal manning for LO staff is two personnel on duty during the day and early night, usually the LO and a sig and one person on duty for the remainder of the night manning the radio set.

Allocation and Control of Fire Support

71. Preplanned Fire Support. When an operation is being planned at TF level the normal procedure will be as follows:

a. The Commander assisted as necessary by his staff and the Artillery Commander plan the operation in outline.

b. The Commander issues orders to units to take part in the operation. These orders may be written or verbal and will include details of the fire support available in the terms of guns, ammunition and air strike availability. If verbal orders are given it is usual for the Artillery Commander assisted by the GS02 (Air) to give the details of fire support available.

c. Unit commanders, who should be attended by their own artillery commander if verbal orders are given by the commander, will then plan their operation and fire support requirement in detail. In this they should be assisted by their direct support battery commander.

d. The direct support battery commander will then bring or transmit by the best means available details of the fire support plan to Arty Tac where the Artillery

...../Commander

Commander under the direction of the TF Commander and assisted by the GS02 (Air) completes the fire plan.

c. The Artillery Commander then issues the necessary orders to all artillery units to take part in the operation. At the same time the GS02 (Air) issues the necessary requests and instructions to produce the necessary air support.

f. It is normal for the Artillery Commander, assisted by the GS02 (Air) to remain in Arty Tac throughout the operation to co-ordinate and modify the fire plan as required by units taking part.

72. Quick Fire Plans and Impromptu Fire Support.

a. The same principles, as stated in paragraph 68 apply. In this case a call for fire beyond the capacity of the direct support battery, or from a unit not having artillery observers or from outside the task force will be received in the task force CP and/or Arty Tac where the Commander or TFCP Duty Officer, advised by the Artillery Commander or Arty Tac Duty Officer and GS02 (Air) or his representative will make an immediate allocation of fire support if required.

b. This in ^{no} way alters the normal process of artillery observers calling for Regimental or other concentrations, but provides additional fire support where necessary.

c. Once again the Artillery Commander working under the direction of the Task Force Commander and assisted by the GS02 (Air) co-ordinate the application of artillery and air support.

d. Other than fire in support of operations impromptu missions are originated from Arty Tac based on Intelligence Reports, (including Red Haze and air photography), SAS reports and aerial surveillance.

73. DF Targets Planning and Co-ordination

a. Lists of DF targets are usually passed by FCCs as a consolidated list, by line to Arty Tac, the direct support battery and the Regt CP. If passed by radio targets are encoded unless it is intended to adjust and record them. Battery FOs is allocated by the Battery Commander after consultation if necessary with the Artillery Commander.

b. At Arty Tac targets are decoded, if required, checked with the Regt CP, plotted on the target map and entered in Target records.

c. If battalions are operating in areas adjacent to each other, the Artillery Commander then co-ordinates DF target lists from FCCs and produces the Task Force DF plan. This is sent by the best means available, usually line, to the Regt CP/Bn FDC and FCCs.

d. The Regt CP/Bn FDC then disseminates the fire plan to all firing units nominated.

Task Force Commanders Conference

74. At 1630 hrs daily, excluding Sundays, a conference is held which takes the form of a briefing for the Task Force Commander, of the previous 24 hours activity. It is also attended by the Deputy Commander, the Artillery Commander and the Commander RAAF elements.

75. Representatives from all branches within HQ 1 ATF, Arty Tac and from all units within and attached to 1 ATF attend the conference.

76. It is the duty of the duty officer based on a roster system (see Annex A) to represent the Artillery Commander. The form of the briefing, covering the previous 24 hours activity is as follows:

- a. Details of H & I Missions fired including the total number of serials engaged.
- b. Areas and timings for H & I missions planned in the next 24 hours.
- c. Details of all missions and Fire Plans fired, including on what information targets were engaged if necessary and target surveillance.
- d. Details of movement of artillery units and current locations.
- e. Any miscellaneous artillery information as directed by the Artillery Commander such as fitness state of weapons and ammunition.

77. A clerk from Arty Tac assists the Duty Officer in carrying out the briefing and acts as a painter for information shown on the map.

Manning of the Base Area When Arty Tac Deploys on Operations

78. When Arty Tac moves from the Base Area on operations, the Battery Commander of the General Supporting Battery establishes his Battery HQ in Arty Tac base area location. The Battery HQ is manned 24 hours a day and minimum personnel required on duty are an officer and a sig.

79. Tasks of the Battery Commander of the General Support Battery in this role are:

- a. Advise, plan and co-ordinate artillery for the Base area with the Base area Commander.
- b. Relay warnings for heavy artillery received from Arty Tac to the FSCE if direct communications are not established with the FSCE on the operation.
- c. Relay warnings to Kangaroo control in the event of break down of communications or at times the inability of Kangaroo Control to cope with the extra volume of radio traffic.
- d. Advise Arty Tac of missions from the Base area for notification to Jade Control.
- e. Disseminate H & I programmes received from Arty Tac to Base area artillery units.
- f. Relay to Arty Tac by the most secure means available H & I programmes received from the FSCE IIFFV. These programmes could be received in the Base area or be sent direct to Arty Tac dependent on communications established.
- g. Assume command of locating devices remaining in the Base area and in the event of the TFAIO being on the operation, conduct the CB battle if the Base area comes under attack.
- h. Keep Artillery Commander fully informed of the operational fitness of artillery units in the Base area.

...../80. If

80. If the TFAIO and Arty Int Sec remain in the Base area the TFAIO assists the Battery Commander in manning Battery Headquarters and also continues the operation of the Arty Int Sec.

Action on Attack on Base Area

81. When it is known that the Base area is under attack, the following action takes place:

- a. TFCP Duty Officer sounds the alarm sirens and all generators are immediately switched off.
- b. All stations on the TF Command net are told to stand to and this is repeated on the Regt net by Arty Tac.
- c. On direction of the duty officer, clerks disconnect the telephones, switch on the lights in the bunker (if not already done by TFCP Staff), re-connect telephones and turn on the radio sets.
- d. Duty Officer then orders sigs to switch off radio sets in Arty Tac and move to the bunker.
- e. All radio and telephones are tested and the Duty Officer informs CO, Regt CP and Bn FDC of the situation and that the emergency bunker is being manned.

82. At the same time the TFCP and Jade and Kangaroo Controls also occupy their emergency bunkers.

83. The only officers permitted in the emergency bunker complex are:

- a. Commander.
- b. Artillery Commander.
- c. Commander RAAF elements.
- d. GS02 (Ops).
- e. GS02 (Int).
- f. Arty Tac Duty Officer (plus TFAIO if necessary).
- g. GS03 (Ops).
- h. USAF ALO.
- j. US Army Avn LO.
- k. OC 104 Sig Sqn.
- l. Staff as necessary for TFCP, Arty Tac and Jade and Kangaroo Controls.

84. Stand down is ordered by the TFCP.

ARTY TAC - OFFICER MANNING

DATE					0800- 1230-	1230- 1700	1700- 2230	2230- 0230	0230- 0800	REST
WED 8 FEB	SUN 12 FEB	THU 16 FEB	MON 20 FEB	FRI 24 FEB	BROWN	JONES	BROWN*	SMITH	JAMES	JONES
THU 9 FEB	MON 13 FEB	FRI 17 FEB	TUE 21 FEB	SAT 25 FEB	JONES	JAMES	JONES*	BROWN	SMITH	JAMES
FRI 10 FEB	TUE 14 FEB	SAT 18 FEB	WED 22 FEB	SUN 26 FEB	JAMES	SMITH	JAMES*	JONES	BROWN	SMITH
SAT 11 FEB	WED 15 FEB	SUN 19 FEB	THU 23 FEB	MON 27 FEB	SMITH	BROWN	SMITH*	JAMES	JONES	BROWN

*TF COMD'S CONFERENCE
 1630 HRS DAILY (EXCL SUNDAYS).

ANNEX B TO 4 FD REGT RAA
FUNCTIONS OF ARTY TAC

ARTY TAC - STAFF MANNING

DATE	TIME	SIG	CLERKS
WED 8 FEB 68	0700 - 1200	BLOGGS	JAMES - SMITH
	1200 - 1700	LITTLE	JOHNS - TOMSON
	1700 - 2200	FUDD	SIMS - JONES
	2200 - 0300	SOLLY	POLLY - BROWN
	0300 - 0700	BLOGGS	JAMES - SMITH
THU 9 FEB 68	0700 - 1200	LITTLE	JOHNS - TOMSON
	1200 - 1700	FUDD	SIMS - JONES
	1700 - 2200	SOLLY	POLLY - BROWN
	2200 - 0300	BLOGGS	JAMES - SMITH
	0300 - 0700	LITTLE	JOHNS - TOMSON
FRI 10 FEB 68	0700 - 1200	FUDD	SIMS - JONES
	1200 - 1700	SOLLY	POLLY - BROWN
	1700 - 2200	BLOGGS	JAMES - SMITH
	2200 - 0300	LITTLE	JOHNS - TOMSON
	0300 - 0700	FUDD	SIMS - JONES
SAT 11 FEB 68	0700 - 1200	SOLLY	POLLY - BROWN
	1200 - 1700	BLOGGS	JAMES - SMITH
	1700 - 2200	LITTLE	JOHNS - TOMSON
	2200 - 0300	FUDD	SIMS - JONES
	0300 - 0700	SOLLY	POLLY - BROWN
SUN 12 FEB 68	0700 - 1200	BLOGGS	JAMES - SMITH
	1200 - 1700	LITTLE	JOHNS - TOMSON
	1700 - 2200	FUDD	SIMS - JONES
	2200 - 0300	SOLLY	POLLY - BROWN
	0300 - 0700	BLOGGS	JAMES - SMITH

NOTE: A similar roster is produced by the TFAIO for the sig manning the TF locating net and standby Arty Int Op.

CHECK LIST FOR HANDOVER
OF DUTY OFFICER

1. General.
 - a. Current and proposed restrictions on firing - NO fire, Restricted Fire Zones.
 - b. Current and proposed changes of TAOR, AO's and extensions.
 - c. Current and proposed locations, within or bordering our TAOR and AO's of friendly formations.
2. 2 RAR.
 - a. Locations including FO and patrol routes.
 - b. Proposed movement.
3. 7 RAR.
 - a. Locations including FO and patrol routes.
 - b. Proposed movement.
4. ARU.
 - a. Locations and patrol routes.
 - b. Proposed movement.
5. 1 SAS Sqn.
 - a. Patrol areas - restrictions on fire.
 - b. Proposed patrol areas.
6. A Sqn 3 Cav Regt.
 - a. Location.
 - b. Proposed movement.
7. 4 Fd Regt RAA.
 - a. 106 Fd Bty.
 - (1) Locations.
 - (2) In DS.....
 - (3) In Sp.....
 - (4) DF's.
 - (5) Fireplans.
 - (6) Ammo holdings.
 - (7) Proposed deployment.
 - (8) Gun equipment state.
 - b. 108 Fd Bty.
 - (1) Locations.
 - (2) In DS.....
 -/(3) In Sp...

2.

- (3) In Sp.....
- (4) DF's.
- (5) Fireplans.
- (6) Ammo holdings.
- (7) Proposed deployment.
- (8) Gun equipment state.

c. 161 Fd Bty.

- (1) Locations.
- (2) In DS.....
- (3) In Sp.....
- (4) DF's.
- (5) Fireplans.
- (6) Ammo holdings.
- (7) Proposed deployment.
- (8) Gun equipment state.

8. 1st Bn 83rd Arty.

a. A Bty.

- (1) Locations - 8", 175mm.
- (2) In Sp.....8", 175mm.
- (3) At priority call.....8", 175mm.
- (4) DF's.
- (5) Fireplan.
- (6) Ammo Holdings.
- (7) Proposed deployment.
- (8) Gun equipment state.

b. A Bty 2nd 35th Arty.

- (1) Location.
- (2) In Sp.....
- (3) At priority call.....
- (4) DF's.
- (5) Fireplans.
- (6) Ammo holdings.
- (7) Proposed deployment.
- (8) Gun equipment state.

...../9.

Other

9. Other Elements of 1 ATF.
 - a. Location.
 - b. Tasks.
 - c. Proposed movement.
10. Air.
 - a. Airstrikes.
 - b. Areas of air activity - type.
 - c. Timings - restrictions on firing.
11. NGF.
 - a. Target areas.
 - b. Location of ship.
 - c. Timings.
12. ARVN Arty.
 - a. Location of guns engaging.
 - b. Target areas - description.
 - c. Timings.
13. Radar.
 - a. Sets in action.
14. H & I.
 - a. Targets.
 - b. Timings.
 - c. Clearances.
 - d. Fire units engaging.
15. Records.
 - a. Cancellations of Tin Trunks (DF) and Fireplans.
 - b. Target records up to date.
16. Radio and Line.
 - a. Operating frequency.
 - b. Lines out of order.
 - c. Equipment serviceability state.
17. Enemy.
 - a. Contacts.
 - b. Missions fired.
 - c. Enemy dispositions if known.
 - d. General Info.

...../(1) KIA.

4.

(1) KIA.

(2) WIA.

(3) PW.

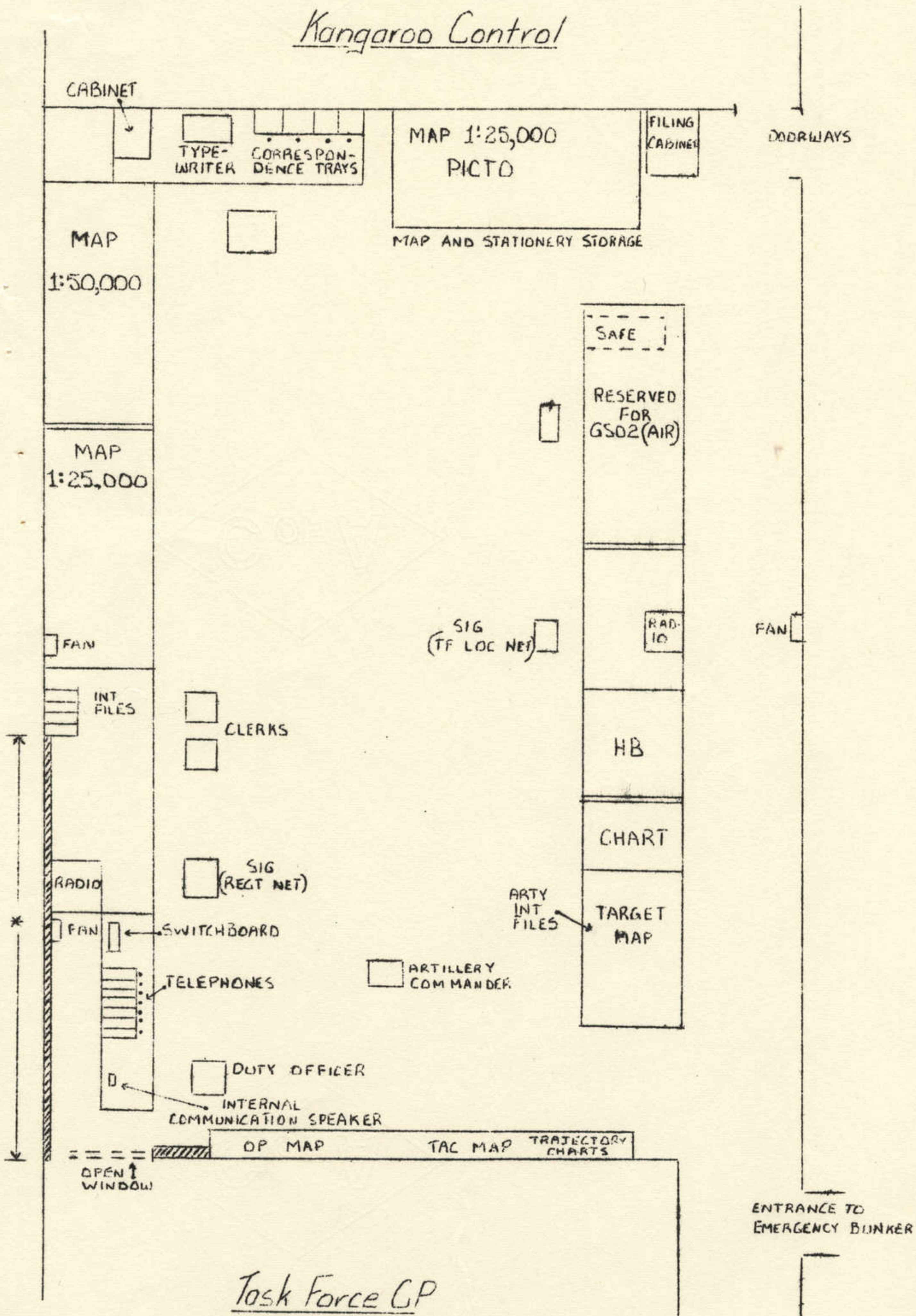
(4) Weapons, stores etc, recovered.

18. Miscellaneous.

- a. Ammo re-supply.
- b. Ammo malfunctions and restrictions.
- c. Future operations.
- d. Regimental administration.
- e. Info passed to FSCE, II FFV.
- f. Duty Officer's Log.
- g. Officers to read folder.

LAYOUT OF ARTY TAC
IN THE BASE AREA

Kangaroo Control

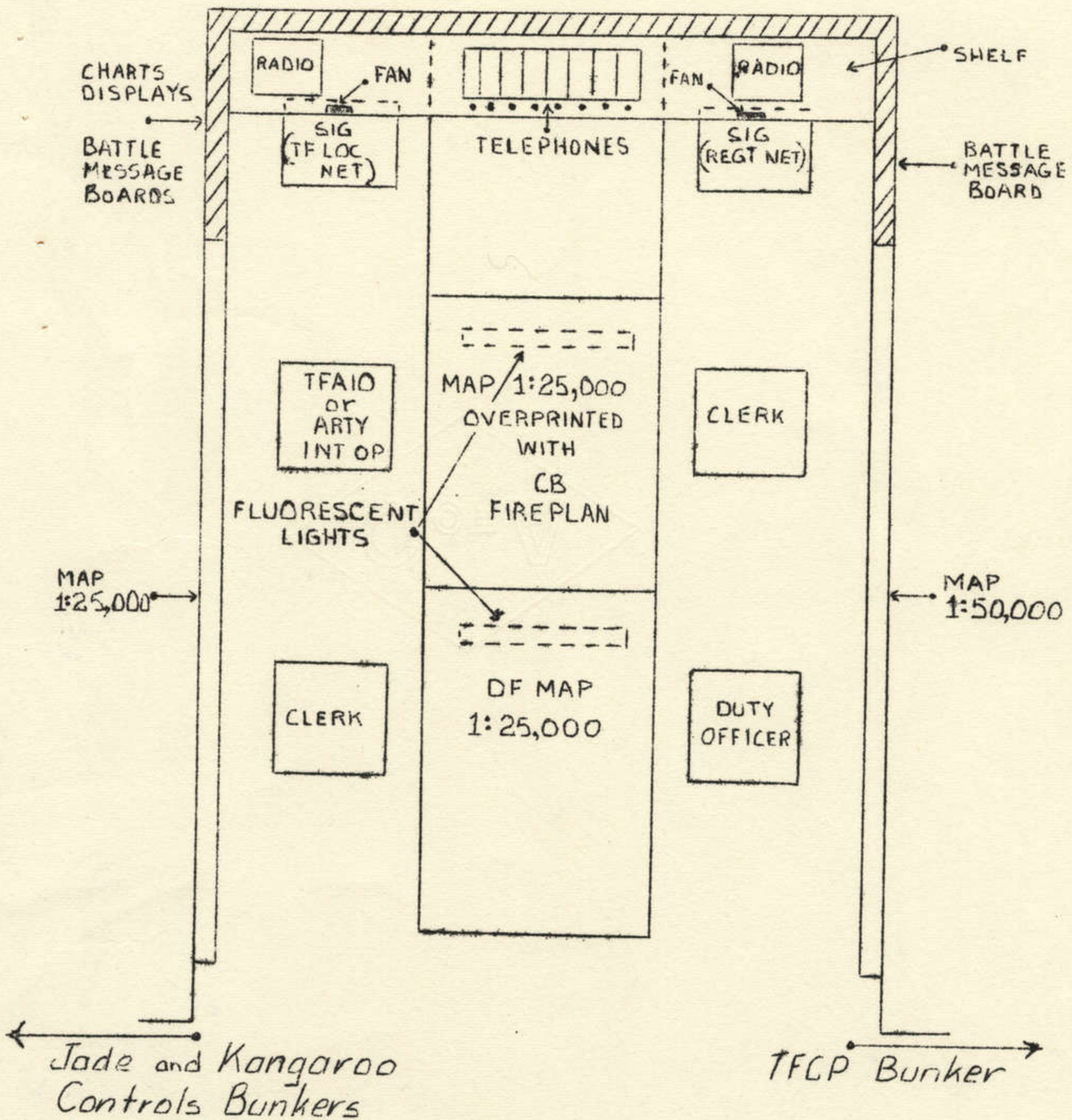


Task Force CP

* ON THE WALL IS BATTLE MESSAGE BOARD, CHARTS AND DISPLAYS

ANNEX E TO 4 FD REGT RAA
FUNCTION OF ARTY TAC

LAYOUT OF ARTY TAC
IN EMERGENCY BUNKER



STORES

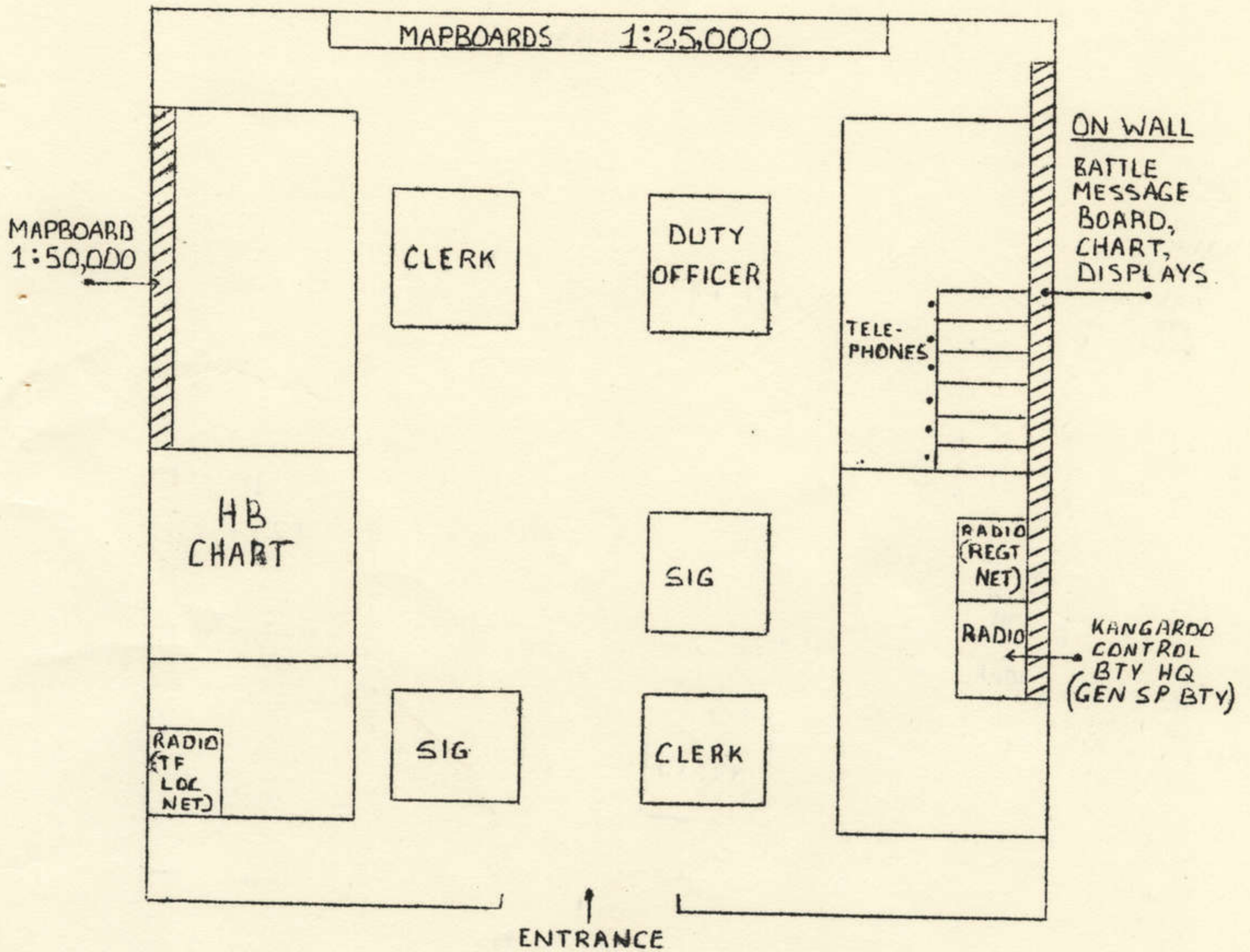
1. Stores listed below are those taken on operations when Arty Tac, including Arty Int Sec is to be established underground and movement is by vehicle or air.

2. Dependent on the type of operation and the method of establishing or deploying Arty Tac stores could vary from this list.

Serial	Item	Qty
1.	Tent lightweight 11' x 11' complete	1
2.	Tables lightweight folding	4
3.	Stools camp folding	4
4.	Chairs camp folding	2
5.	Mapboard 4' x 3' (local pattern)	3
6.	HB Chart 2' x 2' (local pattern)	1
7.	Box stationery large	1
8.	Box, ammunition (stores and documents)	1
9.	Lights fluorescent	3
10.	Lamps hurricane	2
11.	Axes	2
12.	Picks	2
13.	Shovels	3
14.	Buckets shower canvas (with rope and pulleys)	2
15.	Dishes washing plastic	4
16.	Stoves gasoline burner M1950	3
17.	Cook set 3 piece	3
18.	Containers map metal cyl containing req maps	1
19.	Radio stations AN/PRC 25 complete	4
20.	Remote units AN/GRA 39	4
21.	Telephone sets K Type	6
22.	Aerial RC-292	3
23.	Pliers sidecutting 8"	2
24.	Protractors RA 9" mils	2
25.	Cans water plastic	6
26.	Protractor circular degrees (local pattern)	1
27.	Cans POL Jerrican (Petrol and Kerosene)	2
28.	Lamps hand electric	4
29.	Battle Message Board - containing folders:	1
	a. Op Orders	
	b. Patrol programmes	
	c. DFs	
	d. H & I	
	e. Fireplans	
	f. Target Records	
	g. Duty Offr Log	
	h. Task tables (blank)	
	i. Codes	
	j. SOIs	
	k. Record of msns fired	
	l. Mortrep forms	
	m. Sitreps	
	n. Clearance Cards.	
30.	Display Boards:	
	a. Ammo return	1
	b. Locstats	1
	c. Signals info	1
	d. Trajectory charts	As required
31.	Spare batteries - AN/PRC 25 and torch	As required
32.	Cable D10 miles	1
33.	<u>Stationery and Miscellaneous</u>	
	a. Pencils - lead, chinograph, grease	As required
	b. Rubbers	" "
	c. Paper, carbon, message pads (large & small)"	" "
	d. Talc (acetate)	" "
	e. Arty Tech Pamphlets, Range Tables	" "
	f. Spare Sig Log Books	" "
	g. Insect spray, rags	" "
	h. Paludrine tablets and roll book	" "
	j. Tape	" "

ANNEX G TO 4 FD REGT RAA
FUNCTION OF ARTY TAC

LAYOUT OF ARTY TAC
IN TENT OR UNDERGROUND



ARTILLERY WARNING CONTROL CENTRE
(KANGAROO CONTROL)

General

1. 1 ATF Artillery Warning Control Centre (AWCC) (Kangaroo Control) is one of a number of such centres in III Corps Tactical Zone established to safeguard aircraft from friendly artillery fire.
2. The AWCC is manned by a detachment of the operations staff of 161 (Indep) Recce Flt.

Function

3. The function of the AWCC is to provide aircraft with immediate accurate information concerning all artillery, including mortars, and airstrikes, which might endanger aircraft in the AWCC area of responsibility.

Location

5. To adequately perform their primary function the AWCC must be located with Arty Tac and must have guaranteed communications with aircraft and those agencies of TFHQ concerned with aircraft or artillery. The AWCC must also be close enough to Arty Tac to allow rapid passage of orders by messenger in the event, of situation or breakdown of the internal communications system.
6. In 1 ATF, the AWCC is located in the same building as Arty Tac and the TFCP. It is separated from Arty Tac by a partition with an open door and occupies an area 20' wide x 10' long.
7. Layout of the AWCC (Kangaroo Control) is shown in Appendix 1.

Communications

8. a. Radio. Main and standby radios are required for VHF-FM and UHF-AM operation to aircraft.
 - (1) VHF-FM. This is the primary means of contacting aircraft operating in the AWCC area of responsibility and consists of an AN/VRC 49 radio station comprising two receiver/transistor units. Thus the AN/VRC 49 station provides both main and standby sets of equal performance. An AN/GRA 39 Remote control unit is used with two remote control units in parallel to two operating positions.
 - (2) UHF-AM. This is essential to provide communications with aircraft not equipped with VHF-FM (certain USAF aircraft) on aircraft using their VHF-FM radio on tactical nets and consists of two AN/PRC 41 radio sets. These sets are proving inadequate for this role due to their low power output and it is proposed to replace them with more powerful VHF-AM radios such as the AN/VRC 24. An AN/GRA 6 Remote Control unit is used to remote sets to one operating position.
 - (3) Power Supply. A guaranteed 24 volt DC power supply is required for 24 hour operation of radio sets. To cater with interruptions of the 240 volt AC TF mains power supply, radios are powered by 2 24 volt float charged batteries connected to a DC rectifier RA-91-C (US) fed by AC mains power. A Power Parcel distribution No 8 (part of Radio Set C45/B48)/is also

2.

is also installed and found to be most satisfactory in this role.

(4) Radio Antenna. It is essential to have the capability of contacting aircraft operating at low level at the far reaches of the TF TAOR. As a result the antennae (RC-292) and VHF have been elevated on a tower 52' high, which protrudes above the canopy of the surrounding trees. Owing to the length of antennae leads some power loss is experienced.

b. Line. A SB 993/GT switchboard and operators telephone is installed in the AWCC and has the following lines:

- (1) TF switchboard.
- (2) Remote lines for VHF-FM for rapid movement of remotes to the emergency bunker.
- (3) Kangaroo Control living lines.
- (4) OC 161 (Indep) Recce Flt.
- (5) Army Avn and GS02 (Air) - for use when internal communications are in use by other agencies.

c. Internal Communications. The internal communications system, which is the press button type, links the AWCC with the following:

- (1) Arty Tac.
- (2) USAF Ops (Jade Control).
- (3) TFCP.
- (4) RAAF Ops.
- (5) Army Avn and GS02 (Air).

Manning

9. The AWCC is manned 24 hours per day and complete staff consists of:

- a. Operations NCO-Supervision (WO or Sgt).
- b. 2 Cpl operators.
- c. 3 Pte operators.

10. Normal manning during the day and early night consists of one Cpl operator and one Pte operator who are supervised as required by the Operations NCO. During the remainder of the night, once air activity decreases, the AWCC is manned by one operator.

11. During operations when activity is high, it is necessary to have three operators during the day and virtually continuous supervision by the Operations NCO.

Duties

12. a. Operations NCO. Responsible for all aspects of the operation of the AWCC including training, equipment, manning and liaison. Contact must also be maintained with the OC 161 (Indep) Recce Flt on all matters affecting the AWCC.
- b. Operator No 1 (Cpl). Receives and records all warnings on fire missions and airstrikes from Arty Tac and
...../Jade Control

Jade Control. Plots fire missions and airstrikes on the artillery map; broadcasts information to aircraft and passes clearance to Arty Tac or Jade Control. Passes current artillery information to aircraft on request and broadcasts end of missions and airstrikes when informed by Arty Tac or Jade Control. Passes to TFCP and Arty Tac tactical information received from aircraft.

c. Operator No 2 (Pte). Logs calls from aircraft and operates the flight following board for aircraft operating over the TF TAOR. Supervises the working of radio sets and power supply. Mans the switchboard, records artillery and NGF missions originating outside the TF TAOR (other than 1 ATF artillery) which effect the AWCC area of responsibility and passes information to Operator No 1 and Arty Tac. Answers calls from aircraft when Operator No 1 is using other means of communication.

d. Operator No 3 (When Required). Assumes all duties of Operator No 1 except the manning of the internal communications system and recording of warnings.

e. When three operators are necessary the volume of traffic on the internal communications system fully employs Operator No 1.

Artillery Map

13. The artillery map (1:50,000) displays the area of the AWCC responsibility. All missions are plotted showing the firing point with lines drawn to the extremities of the target. This enables operators to advise aircraft of safe routes, at a glance. In periods of high activity, Operator No 3 also maintains a chart located next to the map, showing current missions and airstrikes.

Flight Following Board

14. The flight following board is a representation of the AWCC area of responsibility made from fire open mesh ($\frac{3}{4}$ " wire and showing significant features such as villages and main routes. Aircraft are represented by small tags showing call-signs. The board can be interpreted from both operating positions.

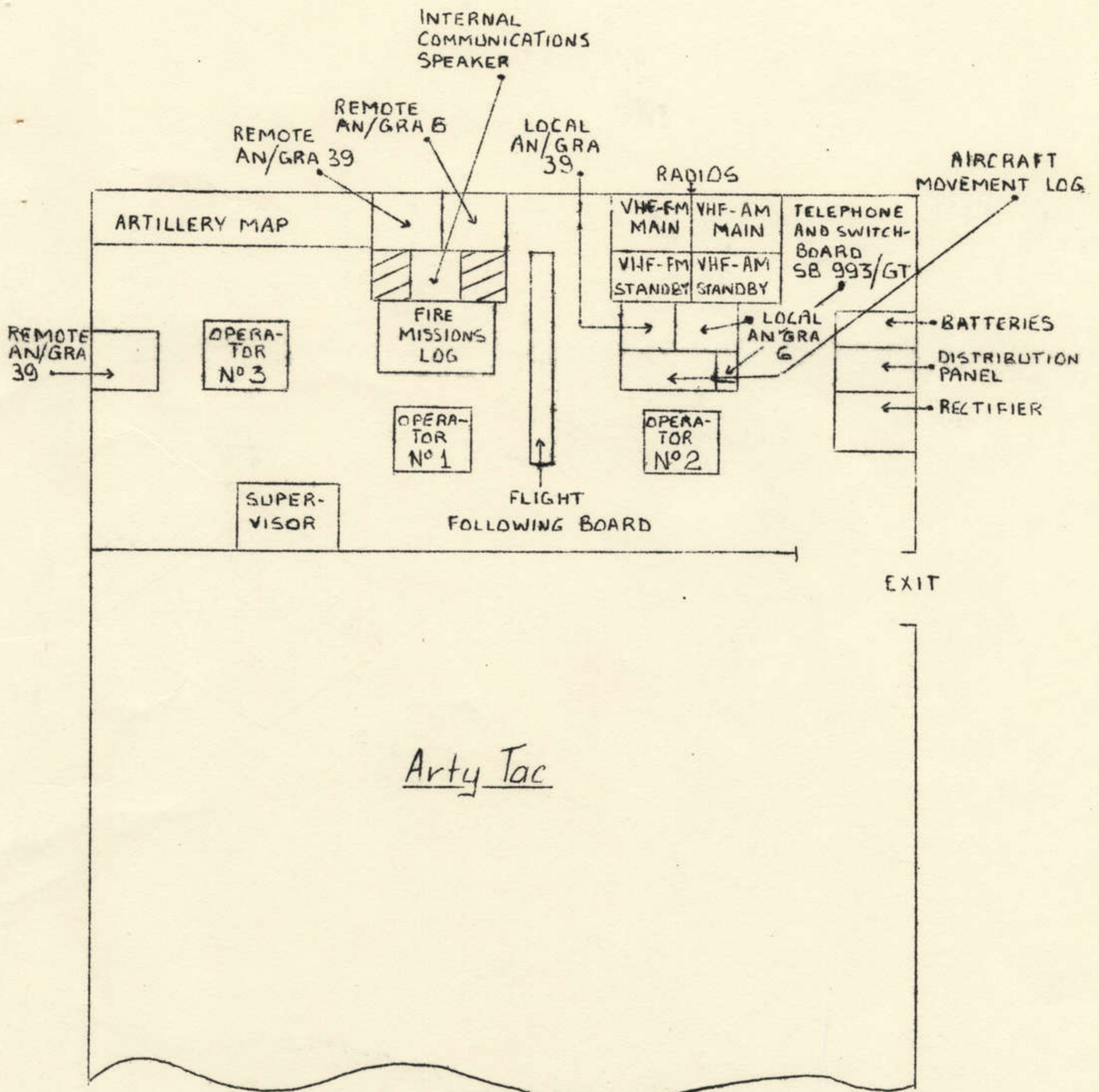
Logs

15. Two logs maintained are the Fire Mission Log and the Aircraft Movement Log.

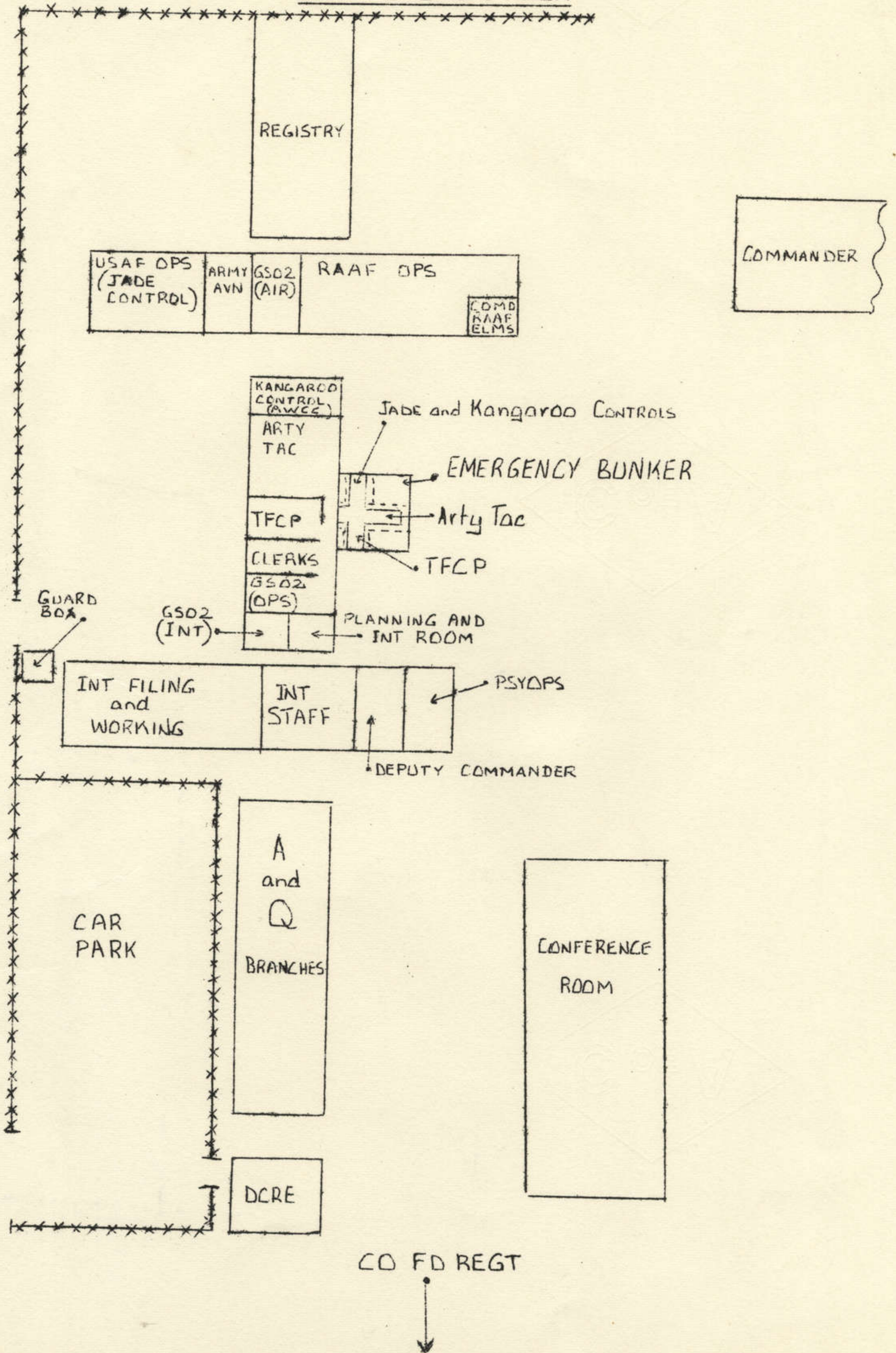
a. Fire Missions Log. Records of all details of missions as received from Arty Tac information is broadcast from this log in the same form as received.

b. Aircraft Movement Log. Records all calls made by aircraft to the AWCC and supplies information for the flight following board.

LAYOUT of the AWCC



DIAGRAMMATIC LAYOUT OF
TASK FORCE HEADQUARTERS
IN THE BASE AREA



CONDUCT OF A CB BATTLE

General

1. In order to carry out an effective CB Battle, it is essential that a systematic approach be adopted. It is desirable to separate acquisition phases from suppression phases so that locating devices are NOT swamped and mortreps may be provided, unimpeded by the fire of guns.
2. It is proposed to conduct the CB battle in four stages to enable:
 - a. The best use to be made of locating devices.
 - b. To allow consolidation of all information at TF level, particularly mortreps.
 - c. To provide accurate retaliatory fire.
 - d. To co-ordinate the employment of suppressive fire and ensure an adequate result.

Outline Plan

3. Stage One. From the first indication of enemy bombardment a period of 4 minutes is required before retaliation can commence. In this four minutes all personnel in a position to do so must send all information available to them by the quickest possible means to Arty Tac. Reports from FOs and battery CPs are particularly sought.
4. At the conclusion of stage one, which is the consolidation and interpreting of information, stage two will commence.
5. Stage Two. This stage will be the first suppression stage and will be conducted as follows:
 - a. If collected information indicates a location of a weapon this will be engaged.
 - b. If information has NOT given a location accuracy the CB plan initiated from Arty Tac will be fired.
 - c. This firing will be sustained until some indication is given of positive results.
 - d. If at the end of 5 minutes retaliatory fire, no indication of results can be given, stage three will be commenced.
6. Stage Three. This stage is a reversion to stage one where information is collected once more for analysis. If enemy fire has stopped, future firing by our guns will be retaliatory rather than suppressive. The aim will be to interdict and, if possible, cause casualties.
7. Stage Four. If the enemy has not stopped firing, further suppressive fire will be delivered based on information gained in stage three.

Subsequent Action

8. Quiet and positive periods will alternate until the enemy fire has been stopped and it is likely that no further results will accrue from continued firing. It is important that during quiet periods special effort is devoted to obtaining mortreps and radar information.

9. At the conclusion of the CB battle the following steps are to be taken if possible:

a. Shelling of TF area.

(1) All craters and area be kept clear to allow artillery staffs to carry out crater examinations.

(2) If this is not possible, obtain the direction from which the round came and collect produce.

b. On Operations.

(1) Persons nominated are to procure tailfins and slivers of shrapnel and bring to the TFAIO for analysis.

(2) If this is not possible, obtain the direction from which the round came and your own grid reference.

10. Although this plan is prepared basically for Artillery use all arms can be of valuable assistance.

HEADQUARTERS
1ST BATTALION 8TH ARTILLERY
(AUTOMATIC EIGHTH)
APO San Francisco 96225

AVDCDAA-3

9 February 1967

SUBJECT: Airmobile Ammunition Breakdown

TO: See Distribution

1. During the airlift of a howitzer battery each howitzer is lifted with thirty (30) rounds of ammunition. The following is the recommended breakdown for each load.

<u>TYPE</u>	<u>NUMBER</u>
Shell HE-PD	25
Shell HE-VT	1
Shell HE-MTSQ	1
Shell WP	2
Shell XM 546	1

2. Two loads of ammunition will be airlifted along with the battery. This constitutes 320 rounds of ammunition and it should consist of the following:

<u>TYPE</u>	<u>NUMBER</u>
Shell HE-PD	246
Shell HE-VT	12
Shell HE-MTSQ	12
Shell WP	24
Shell Illum	12
Shell XM 546	12
Shell Smk, HC	1
Shell Smk, Red	1

3. After the battery has been moved into position, there will be an immediate resupply of six (6) loads of ammunition consisting of 960 rounds. This will be:

<u>TYPE</u>	<u>NUMBER</u>
Shell HE-PD	422
Shell HE-VT	282
Shell HE-MTSQ	90
Shell WP	84
Shell Illum	48
Shell Smk, HC	11

../2.

2.

Shell Smk, Green	12
Shell Smk, Red	5
Shell Smk, Yellow	6

4. The ammunition listed in paragraph 3 above is made up of the remainder of the basic load, after the battery is in position, plus 242 additional rounds of shell, HE-PD.

FOR THE COMMANDER

C.P. REA
CPT, Arty
Adjutant

DISTRIBUTION:

staff section - 1 ea
firing battery - 5 ea
file - 1 ea

MEDICAL IN CONFIDENCE

ANNEX F TO 4 FD REGT RAA
OPERATION REPORT NO 5

File: R506/1/1

MONTHLY SICK REPORT
MONTH ENDING 30 NOV 67

ILLNESS	HQ BTY	108 BTY	106 BTY	161 BTY	131 BTY	3CAV REGT	4 FD LAD	TOTAL
Intestinal	8	4	2	-	-	-	-	14
Eye	3	-	2	2	-	-	-	7
Ear	2	-	5	-	1	-	-	8
Nose or Throat	2	2	1	-	-	-	-	5
Skin	11	4	10	2	-	6	-	33
Respiratory	2	2	1	-	1	1	-	7
FUO	-	1	1	-	1	-	-	3
Psychiatric	-	-	-	-	-	-	-	-
Surgical	-	-	2	-	-	-	1	3
Other Medical	3	-	1	1	-	-	-	5
Injuries	6	3	4	-	3	-	1	17
Battle Casualties	-	-	-	-	-	-	-	-
Hosp Admissions	3	3	3	1	1	1	1	13
Reviews	8	-	6	-	1	-	1	16
VD Cases	Syphillis	-	-	-	-	-	-	-
	Gonorrhoea	-	-	-	1	1	1	3
	NSU	1	-	-	1	1	2	5
	LGV	-	-	-	-	-	-	-
	Chancroid	-	-	-	-	-	-	1
Reviews	1	-	-	1	2	3	1	8
TOTALS	50	18	38	9	12	14	6	148

RMO's Comments:

- The general health of 4 Fd Regt and 3 Cav Regt has been very good this month, in spite of both Regt's involvement in recent Op SANTA FE.
- Sick Parade attendances have been very satisfactory; 148 being the lowest figure for some time.
- VD figures remain at a low level there having been 9 new cases seen at this RAP this month; 6 cases from 4 Fd Regt and 3 cases from A Sqn 3 Cav Regt.

.... /4. Skin Diseases

MEDICAL IN CONFIDENCE

4. Skin Diseases remain our major worry, with quite a high incidence of Prickly Heat being diagnosed. This is doubtless due to transition from Wet Season to Dry Season. The disease is difficult to treat, and is a cause of much annoyance and irritation to the unhappy sufferer.

(B. L. BRADFORD)
Capt
RMO 4 Fd Regt RAA

CO's Comments:

The general health of the regiment remains very good and is an encouraging sign that the various training programmes are proving successful.

Dec 67

(R. J. GARDNER)
Lieutenant Colonel
CO 4 Fd Regt RAA

Distribution: CO HQ 1 ATF (for SMO)

Copy to:

RMO	LAD
HQ Bty	A Sqn 3 Cav Regt
108 Bty	Comd's Diary (4)
106 Bty	Float
161 Bty	File
Det 131 Bty	

RESTRICTED

AUSTRALIAN MILITARY FORCES

IGS/WTH

R723-1-6

4 Fd Regt LAD
1 ATF
NUI DAT

7 Dec 67

1 ATF EAW (5)

MONTHLY REPORT - NOV 67

1. Establishment Comments.

a. The Cfn VM allowed on Estb 11/45/1(TW) for this unit when supporting a Fd Regt with towed eqpts was originally requested by 4 Fd Regt RAA when requesting the 2 1/2 ton vehs and the M543 Wrecker. No Posting Order has been received so 4 Fd Regt is making further enquires.

2. Equipment Deficiencies.

a. Approval has been granted to hold a Ramp Portable 3 ton as a regional entitlement. An indent has been submitted.

3. Personnel.

a. A replacement Sgt Fitter and Turner for Sgt K. LECKENEY has been named. Sgt WHIPPLE - due here approx 12 Dec 67.

b. The Cfn Rec Mech vice Lep1 GREENWAY has not arrived. PO 920/67 stated due at ECPD by 22 Nov 67.

c. The unacceptable posting orders recently received are being resolved, viz. Cfn PINES is to remain in this unit as the replacement for Cfn FINDLAY; Cfn FINDLAY'S nominated replacement is to go to 102 Fd Wksp in place of Cfn PINES. The question of the provision of a Cpl Fitter Inst is being referred to AHQ by AFV.

4. Production Statistics.

	GE	VEH
a. Jobs brought fwd	7	2
b. Jobs started	38	44
c. Jobs completed	29	43
d. Jobs carried fwd	16	1
e. Manhours expended	585	453.1

TOTAL 1038.1

f. Manhours expended on def works and construction 180

5. Servicing.

	1000	12000
a. Vehs serviced A B vehs	34	12

6. Wksp Accommodation and Unit Lines.

a. Nil

..17.

RESTRICTED

RESTRICTED

- 2 -

7. Parts Supply.
 - a. Still waiting del of one Recoil System - Direct supply ex USA.
8. Specific Equipment Problems.
 - a. Nil
9. G Aspects.
 - a. Op SANTA FE - 8 pers - 15⁴ man days.
10. A Aspects.
 - a. Nil.
11. Q Aspects.
 - a. Nil.
12. Other Points.
 - a. Nil

Snowdon
(P.G. SNOWDON)
Capt
OC

RESTRICTED

OPERATIONAL REPORT - 1st ATF DET, 131 DIV LOC BTY RAA
1-30 NOV 67

OPERATIONAL ACTIVITIES

GENERAL

1. The month saw the completion of SANTA FE I on 18 Nov 67, the commencement of Rice Denial Operations, Operation FORREST, on 23 Nov 67, the commencement of a fragment examination project, the arrival of 15 replacements and a reasonable amount of VC activity of concern to ourselves in particular.

ARTY INT SECTION

2. On 27 Oct 67, LP 31D moved to FSPB WILTON (YS5476). 31C moved complete to 1/83 US ARTY area to take over 31D's position during the Op. The operation distated that the LP would have to be within the FSPB and a reasonable position was found. During the day the LP was split and a forward LP (31G) moved to the ridge in the area YS544780 with a section of A Sqn 3 Cav Regt. The advantages of this was displayed by the accuracy of the intersections of reports of small arms and friendly fire given by these LP's.

3. On 3 Nov the LP moved with the guns, by air to FSPB LION in the THUA TICH area (YS6181) where it took up a position on the EASTERN side of the actual base, at YS614811. As it happened this was near the radar site. The configuration of the radar site was such that the generator was to the inside of the base, i.e. WEST of the LP. This severly limited their capabilities in this direction and so on the 5 Nov 67, Sgt WAGHORN took a composite LP (31G), made up of 2 members of Arty Tac and the remaining 3 f4om other LP's and Survey, to the FSPB and established themselves at YS609809 on the SOUTH WESTERN side of the base in the Infantry Coy area. Timber in the centre greatly helped reduce the generator noise.

4. On 6 Nov 67, at approximately 2015 hours, the VC mortared the FSPB in conjunction with a probing attack from the North, East and South. Details are shown in Annex "A" to this report. It was yet another example of the VC using our gunfire to cover his own firing.

5. There were no other incidents during SANTA FE I and the radar and LP's returned on 16 Nov 67 without incident.

6. On 27 Nov at approximately 0115 hours there was mortaring reported in HOA LONG (area YS4264) and BARIA (area YS3861). Subsequently it was proved by examination of fragments found at each site that the attacks were made by RPG2 and RPG7 anti-tank grenades. This was the first confirmed use of the RPG7 in this area.

7. The following morning, the 28 Nov 67, at approximately 0220, the SUB SECTOR post at LONG DIEN (area YS4359) received mortar fire. "A" Radar at the HORSESHOE obtained only one LOCREP at 437609. This area and escape routes were bombarded. A subsequent crater analysis was carried out, a report of which is shown as Annex "B". Once again RPG7 and RPG2, together with 60mm mortar fire was used. Circumstantial evidence tends to confirm the LOCREP obtained as a possible site.

8. Later in the afternoon, D Coy 7 RAR attacking a VC base

.....2/ camp

ARTY INT SECTION cont

8.

camp at YS 336708 was engaged by what was described as rocket fire. A round was captured and identified by Arty Int as being RPG7. Approximately 5 rounds were fired at D Coy, resulting in the majority of the casualties of the engagement.

9. The sudden appearance of the RPG7 round in this area is of some significance. This is a relatively new weapon which made its appearance in SVN early this year, with the first round and launcher being captured in Apr 67. It is a sophisticated, second generation version of the PG2 launcher and round.

10. A simple comparison of the two rounds is shown below:

	<u>RPG2</u>	<u>RPG7</u>
Calibre of warhead	82mm	84.5mm
Calibre of shaft	40mm	40mm
Maximum Effective range	150metres	500Metres
Armour piercing at 0°	6.7inches	11.8-12.6inches
Stabilisation	6 wrapped spring steel fins	4 folding aluminium fins + spin
Length	67cm	90.5cm
Propellant	simple black powder charge	ballistic charge + sustain motor
Fuze	either impact or self destruct. percussion	Impact and self destruct. Piezo crystal
Launcher	Simple tube with hand grip. Fold up post and aperture. 47in length.	Similar but more sophisticated tube with expansion chamber. Ballistic reticule optical sight. 37in length

11. During the month the Arty Int Section was requested to identify a number of pieces of projectiles and fuzes recovered mainly from the new 3 RAR area but including a separate plug from a 155mm illuminating round found in a house in LONG DIEN. One piece of fuze, probably from a VC claymore type mine has been sent to CMEC in SAIGON for further investigation. The arrival in NOV of 3 Kits Shell Identifying has considerably aided identification during the month.

12. A project has been commenced to collect, inert, sectionalise and collect data on all Free World Force and VC projectiles likely to be encountered. Where possible a display board showing the projectile and its typical fragments is to be made. The data collected, including photographs of the complete round and typical fragments, is to be made into a loose leaf book, condensed notebook versions of which will be carried with each identification kit. The proposed CMEC book of similar design has had a hold up and a date of completion and publication is not available. The LP's and Arty Int Section shall be conducting this project with help from specialist sources for such things as inerting and sectionalizing the projectiles.

13. A proposed list of projectiles is shown in Annex "C".

.....3/ It is

ALPHA INT SECTION cont

13.

It is hoped to have most of these obtained by the end of Dec 67. In some cases fragments are already held but the complete round is not. It is realised that this is rather a long project but it should pay off as at the present time there is no ready reference available for identification of even our own shells. In addition there will be considerable training value gained by the LP's and Arty Int staff.

14.

Communications have been further improved by the construction of a RC 292 aerial on NUI DAT. This made considerable difference during Op SANTA FE. The Orderly Room is now a PT22 switchboard with connections to the OC's Office, Survey Office, Q Store, Transport and the Rec. Room, with a line to ENTERPRISE (4 Fd Regt Switch) as well. All cables except the line to "B" Radar are now Spiral 4. The "B" Radar line is not being laid until the Engineers complete the installation of their new power lines. All our internal line is now being maintained by ourselves and not the Regimental Sig Troop.

RADAR SECTION

15.

Both radars have been deployed during the period with little or no problems other than :-

- a. A sudden series of generator failures which became critical at the beginning of Op SANTA FE. One new BUCKNELL generator has been obtained, one old one 406'd and RVE's submitted to raise the total generators held by the Det to 8 and the Wksps to 3.
- b. The failure of the two azimuth/elevation drive motors resulting in the need to take the motors from the new set in workshops. The problem of spare motors and bearings has been the subject of many previous signals and letters and I do not mean to elaborate other than point out that there are now absolutely NO spares available here. A quantity of bearings did arrive but were hopelessly too large. The current situation is fully understood by 1 ATF.

16.

ALPHA RADAR remained in base location during Op SANTA FE and moved out to the HORSESHOE by road on 26 Nov to support the South East portion of the Rice Denial Op, Op FORREST. It took up the previously sited position at YS495617 without any problems and came straight into action. It was appreciated that mortaring attacks were likely in the LONG DIEN to DAT DO area and against the villages along "the fence" to the South. This has appeared correct and a Locrep was obtained on the night 27/28 Nov when LONG DIEN was mortared. Only one was obtained, but only a few mortar rounds were fired. "A" Radar shall be remaining at the HORSESHOE until completion of Op FORREST.

17.

BRAVO RADAR det deployed during Op SANTA FE at FSPB LION. They moved out on 3 Nov by air and returned on 16 Nov. The air move went without fault except for slight vibration damage to one generator. Details of load are covered in Annex "D" to this report. The radar operated fairly consistently with only a few hours lost to one major fault. There was one mortaring incident. Only 8-12 rounds were fired. It is believed under the current VC practice that probably all the rounds were in the air at the same time. Thus by the time the radar traversed it was too late. Annex A will elaborate on this.

18.

Both airconditioners have been installed, and priority one

.....A/ service

RADAR SECTION cont

18.

service demands have been submitted for the 240V generators. As yet only one has arrived. B Radar site air conditioner is now operational and so far appears successful in maintaining a fairly constant dry temperature of about 78°F.

SURVEY SECTION

19. The main operation during this period was the US 9 DIV OP SANTA FE from 27 Oct to 18 Nov. Two FSPBs were occupied by 4 Fd Regt, the first, FSPB WILTON has already been discussed in last months Op report. The second FSPB, LION, was established at THUA TICH - YS6181.

20. This FSPB caused quite a headache survey-wise as there was no control in the area. Prior to the commencement of the Op this problem was discussed with TOPO Survey and the initial plan was to traverse along Routes 327 and 328 starting from FSPB WILTON at YS 5476. The protection for this job was to come from infantry and cavalry elements who were to move along this Route. However, after discussions with the Infantry and Cavalry it was found that their rate of advance would have been too fast and consequently this plan was dropped. The next possible alternative was provided by a move of 2 RAR HQ to a hill at YS566764. A quick recon of this hill proved the idea impractical owing to very dense trees and undergrowth.

21. The only remaining workable solution was a long range scheme using NUI DAT, NUI CHAU CHAN (YT605102), an RO South of SAIGON and THUA TICH. This scheme was to be done in conjunction with TOPO Survey who were to establish a third order trig point in THUA TICH.

22. The plan to establish this point was to use the first order trig point at CHAU CHAN, RO on a point just South of SAIGON (Marked by 66 Engineers TOPO Survey US ARMY) and measure the angles and distances to NUI DAT and THUA TICH. This plan was put into effect on 5 Nov and successfully completed on 6 Nov. Our surveyors assisted TOPO Surveyors at NUI DAT and THUA TICH and LT YERBURY went to CHAU CHAN to control the scheme.

23. Once the coordinates of the point in THUA TICH were found a change of grid was carried out and theatre grid established for the guns.

24. During and on completion of the Survey in FSPB LION the surveyors acted as protection for the radar and one of the LP's deployed in the area.

25. After the return from OP SANTA FE the surveyors have been assisting TOPO Survey with the layout and mapping of the new battalion and Armoured Group area which is currently being prepared on the South East of the Task Force area.

OTHER ACTIVITIES

26. From 13-15 Nov inclusive the CC attended a G2 (AIR) Orientation Course. (This is the US G2 designation i.e. INTELLIGENCE) at 1st Military Intelligence Battalion (Aerial Recce Systems) in SAIGON. The course basically dealt with the capabilities and limitations of the various sensors available in country (particularly air photo), the image interpretation and reproduction facilities available and the correct methods of ordering missions with the sensors. The course was beneficial not only from the Arty Int point of view but, knowing the sensors capabilities and limitations, as Arty Tac Duty Officer, one has a better appreciation of the implications of reports received from surveillance aircraft and is better

..... able to

OTHER ACTIVITIES cont

able to act on them. It is recommended that future TFAIO's attend this course soon after arriving in theatre.

REPLACEMENTS

27. On 28 Oct 67, 15 replacements arrived at NUI DAT unannounced. Previous enquiries as to when the anticipated draft might arrive had proven fruitless. 1 ATF are looking into this matter generally to obtain a better system for early moving of units. These people have been settled in. A basic sig course is going to be run as soon as possible to provide them with knowledge of basic voice procedure, SOI and code usage, operation and maintenance of the PRC 25, VRC 125, AN/GRA 39 Antenna RC 292 and the various telephone switches and facilities available in the area. It is recommended that all replacements should be trained to this basic sig level. In addition, instruction has been carried out on the M16 rifle and a range practice with this weapon, the M60 and a zeroing shoot for personal weapons will be conducted as soon as possible.

WEAPONS

28. The personal weapons carried by the detachment have now been made firm and consist of the SLR, the M16 and the 9mm pistol. M60's are not used as personal weapons but are manned in various posts and distributed for Ops on the tactical requirement. At present these are all borrowed although the change of establishment changing from AR to M60 and increasing the number to 8 has been approved. AR's and F 1's are not held by the Det. It was pleasing to note that all the replacements were familiar with the M60. It is recommended that future replacements be trained with the M16 rifle and if possible the M79 grenade launcher, which is sometimes presented to posts for local defence.

29. EXTENSIONS. Applications placed in October for extensions by 13 members due to PTA in the JAN - MAY period have all been NOT approved by CARO. This has had an extremely detrimental effect not only on these soldiers but on others as well and it is considered unlikely that any future applications for extensions will be received.

30. L/Bdr DODDS has been promoted T Bdr and has become the No 2 on B Radar. GnrPROSKURIN has been appointed L/Bdr and is in charge of LP 31A on NUI DAT.

31. From 24-29 Nov Lt Cpl J D KELLY visited 4 Fd Regt RAA. During this time he was able to have a brief look at some of our positions and to briefly discuss the current situation with the OC.

32. WELFARE

a. Bdr ARCH returned to Australia on 13 Nov 67 for welfare reasons.

b. 10 Members went on R & R or R & C during the period. These figures are lower than normally required and it is hoped they will increase.

c. The photographic equipment for the darkroom has arrived with the exception of the enlargers. These are due at any time.

d. On 26 Nov the Rec Room opened for the sale of beer and soft drinks for Sunday afternoons. It was a great success and it is now planned for each Sunday afternoon. It is NOT proposed to turn the Rec Room into a canteen proper.

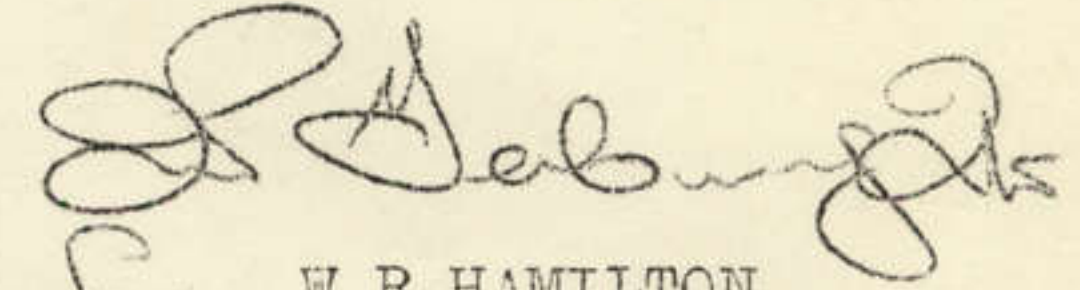
CONCLUSION

33. This has been quite a busy and profitable month with a lot

.....6/of techniques

CONCLUSION cont

33.
of techniques being tried, reviewed or consolidated. We are now able in many cases to make firm suggestions as to methods of doing things. This of course will make easier the training of replacements on arrival in country, and will make for more efficient operation of the Detachment. The suggestions or recommendations which have been made throughout this report on training and replacements would considerably assist their rapid assimilation on arrival.



W R HAMILTON
OC 1st ATF DET,
131 DIV LOC BTY RAA

MORTAR ATTACK - FSPB LION, 6 NOV 67

1. On the night of 6 Nov 67, at approximately 2015 hours, 12 rounds of 82mm mortar were received approximately 200m South of the SOUTHERN edge of the FSPB in area YS6181.
2. The VC fired at the same time as we were adjusting a mortar DF in the same area. This made it extremely difficult to pick up the fact that the FSPB was being mortared, particularly since there were no actual incoming rounds. This resulted in considerable confusion as to ;
 - a. Were we actually being mortared
 - b. Where were the rounds falling
 - c. Mortreps which gave bearings to our own mortars.
3. Once there was a reasonable suspicion the hostile fire was being received, all artillery and mortar fire was stopped. The VC too stopped.
4. The Radar was swung to the most likely area YS620830, but nothing was seen. It is believed the mortars had probably just stopped
5. This grid was engaged using 2 RAR mortars as it appeared a reasonable site.
6. The next morning it was confirmed that 12 x 82mm mortars had been received. Crater analysis lead to an area YS628638 which when compared with the air photos had a reasonable clearing on a track within 100m of that grid. An offshoot of the track lead to the area YS629828 where 2 RAR HQ maintains there was a second position heard firing by them. No ground inspection was made.
7. Due mainly to the confusion of our own mortars firing from a Battalion position relatively close to the enemy site, firing into almost the same area as the enemy rounds fell, this could not be considered a good example of locating practice. The main lesson is if in doubt as to whether there is incoming fire all artillery and mortars in the area must be stopped instantly.

Annex B to Operational Report
1st ATF Det,
131 Div Loc Bty RAA
5 Dec 67

CRATER ANALYSIS REPORT - LONG DIEN ATTACK 28 NOV 67

1. Two 60mm mortar rounds in the market place together with grenades. The rounds landed on asphalt making crater analysis impossible. Several rounds landed in the Sub Sector compound but these had been dug up and/or run over by vehicles, once again making crater analysis impossible. The Political Information Office was hit apparently by RPG rounds and grenades, but as all fragments had been removed I cannot state what type of RPG.

2. A patrol was taken by Sgt WAGHORN and Sector Advisors into the area picked up by the Radar (438609). In the area they found a lean-to erected and fresh military boot marks. The LONG DIEN advisors assured Sgt WAGHORN they were the first troops in the area. No definite evidence of a baseplate was found however but due to the nature of the ground i.e. high paddy rice, the patrol could have gone right by and missed it.

3. The suggested baseplate area(438609) is at the extreme range of a 60mm mortar and from this area the Sector HQ flagpole is clearly visible.

4. The Vietnamese, having been warned that one of our teams would be coming into the area, apparently remembered that last time we had to dig around to find the pieces, so this time they "helped" and Sgt WAGHORN was presented, on arrival, with a sandbag full of all the bits found. This ruined identification of craters and the like. From the pieces it appears as though the attack was by 60mm mortar, RPG2 and RPG7 rounds. NO confirmation of baseplate by crater analysis was possible. The Vietnamese people were thanked for their help and given lesson No 2 in Crater Analysis - DON'T TOUCH ANYTHING!

PROJECTILE LIST, IDENTIFICATION PROJECT

M26
M72
M79
RPG 2
RPG 7
60mm Mortar (US)
60mm Mortar (Chicom)
81mm Mortar (US) - Short
- Long with stabilising ring
- Long without stabilising ring
82mm Mortar (Soviet)
82mm Mortar (Chicom)
4.2in Mortar (US) - HE
- Illuminating
120mm Mortar (Chicom)
57mm RCL (Chicom)
75mm RCL (Chicom)
106mm RCL (AUST) - HEAP
- HEPT
40mm HE (US)
105mm (US) - HE
- Illuminating
- XM546
155mm HE (US)
Illuminating (US)
175mm HE (US)
8in HE (US)
5" 38 Cal NAVAL (US)
2.75in Rocket (US)
5" NAVAL Rocket (US)
122mm Rocket (Soviet)
140mm Rocket (Soviet)

CH47 AIRLIFT OF RADAR AN/KPQ 1

1. The airlift for a Radar detachment comprises two sorties. The sorties were as follows:

No 1 Load.

This consisted of a landrover 3/4 ton with trailer hooked in. Loaded on the trailer is a generator plus a 44 gallon drum of fuel. On the vehicle is a second generator plus command post stores. (Total weight approximately 3,600 lbs)

The vehicle and trailer is externally slung with the members of the detachment loaded inside the aircraft.

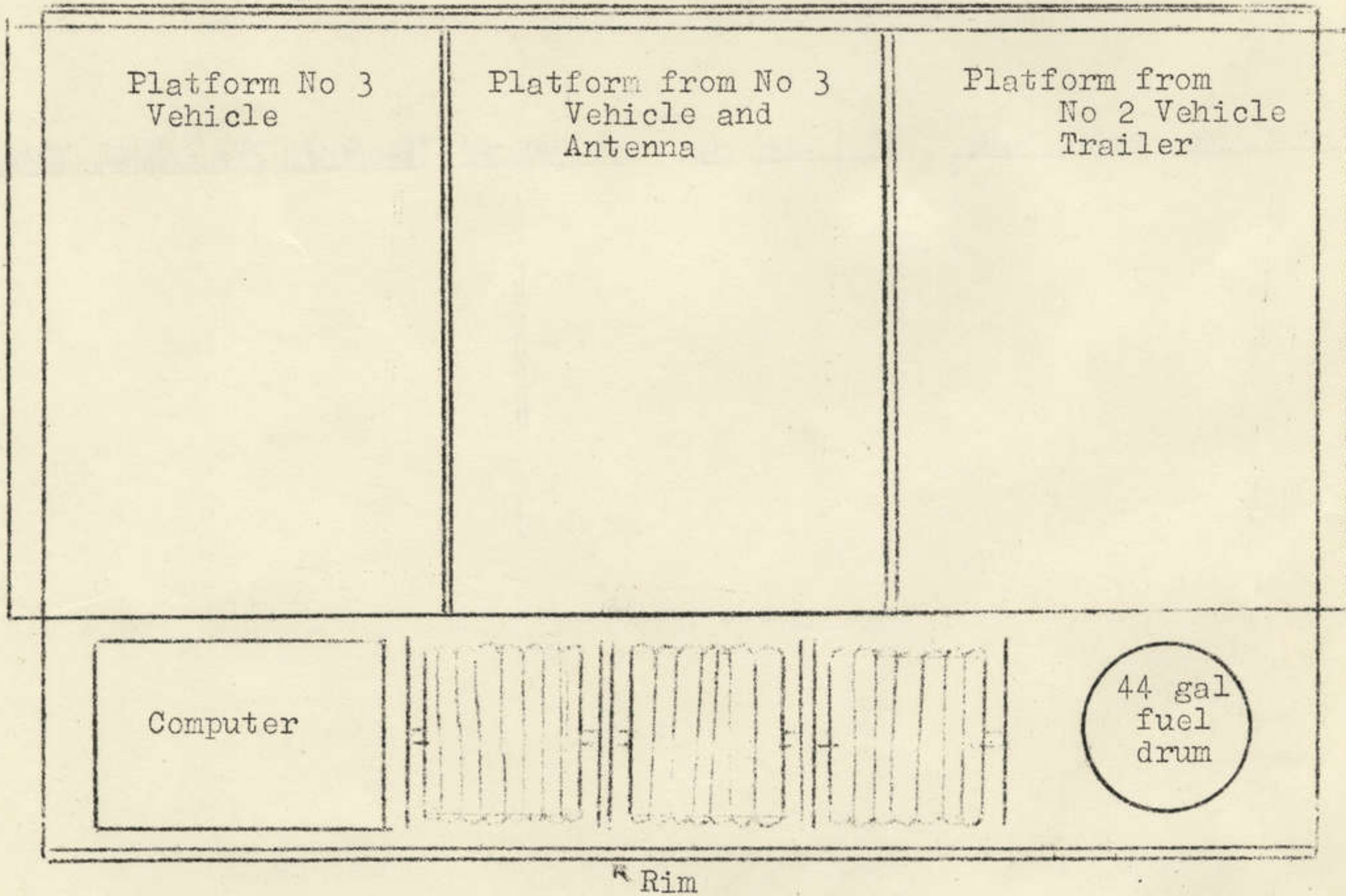
No 2 Load.

This is a 18ft by 10 ft air lifting pallet with the platforms of the following vehicles placed on it. (Total weight approximately 5,000 lbs)

Radar Vehicle and Trailer No	Load
Vehicle No 2 Trailer	Tripod assembly. Test Sets group case. Spares and High burst box.
Vehicle No 3	Pedestal, Rec Trans, Control Indicator.
Vehicle No3's Trailer	ECA, Modulator, Power Supply and Antenna

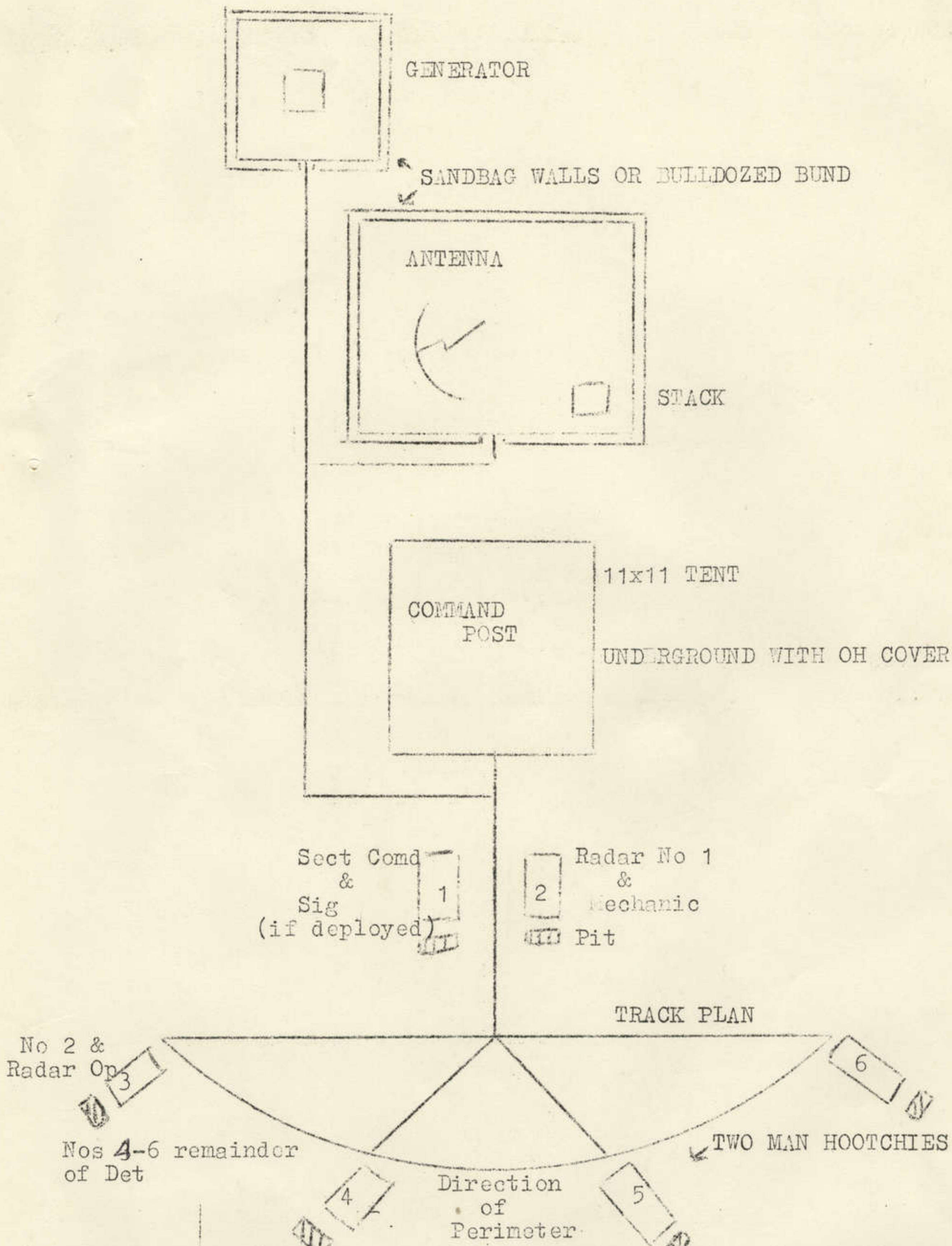
The computer plus dummy load and reels as loaded are shown in the following diagram:

Small rim on platform to stop eqpt sliding off



It is important that the Antenna is central thus affording it greater protection against being knocked.

SUGGESTED LAYOUT - RADAR AN/KPQ 1 SITE



- Notes:
1. Generator deployed opposite ~~perimeter~~ ^{PRIMARY} arc if possible and far away.
 2. Mortar/Fighting Pits for each tent.
 3. All sleeping area below the level of the ground.
 4. Shifts are arranged so that people are relieved from one direction only.
 5. Sect Comd, No 1 and No 2 act as Duty officer, with another Op on shift.