

Series: AWM95
Australian Army commanders' diaries
[Vietnam]

Detachment, 1 Topographical
Survey Troop

Item number: 5/1/14

Item: Detachment 1 Topographical
Survey Troop

Operational Report no. 13

[photocopy]

[1-31 May 1967]

Jun 67

See Distribution List

OPERATIONAL REPORT NO 13

Covering period 1 May - 31 May 67

PART I G MATTERSPresent Location

I. A Sec I Topo Svy Tp remains in location at YS4345667I.

Enemy Contacts

2. There were no enemy contacts during the reporting period either at the base camp or whilst engaged on survey operations.

Tasks

3. The surveying and cartographic elements of the unit were fully employed during the reporting period, however only two tasks were printed due to technical and resupply difficulties with the silkscreen press.

4. A summary of major tasks undertaken is given in Annex A and a description of tasks commenced during the reporting period given in Annex B.

Silkscreen Printing

5. During the reporting period only 760 impressions were taken from the silkscreen press. This delay was initially due to lack of Ulano film and then due to technical difficulties with the press. The ink was drying too rapidly on the screen and despite all efforts the trouble persisted. These difficulties are the subject of correspondence with D Survey and R COLLIE AND SONS Ltd. Resupply will be covered more fully under Q (para 22)

Survey Control

6. During the reporting period a third order station, AAS OI5 (PHUOC HAI) was established at E 75I 957.97

NII54 112.13

by Tellurometer distance and bearing from AASOI3 (HORSESHOE). Further fourth order stations were established from AASOI5 by Tellurometer distance and bearing.

PHUOC HAI	No 1	E 752	234.4
		NII53	745.4

PHUOC HAI	No 2	E 75I	478.5
		NII53	382.4
		Ht	8.23 m

PHUOC HAI	No 3	E 75I	392.6
		NII54	060.6
		Ht	11.28

LO GOM		E 75I	020.2
		NII54	973.2
		Ht	8.31m

7. These fourth order stations are established in ARVN compounds.

8. Further fourth order control was established in the Task Force area to strengthen the photo plots of the area. Eight points in all were established by Tellurometer distance and bearing from AAS OOI (NUI DAT). These are

ATF 2

E 743	030.0
NII67	052.2

ATF	No 3	E 742 814.5 NII66 543.4 Ht 41.12m
ATF	No 4	E 742 090.1 NII66 234.3 Ht 23.60 m
ATF	No 5	E 741 903.1 NII67 520.0 Ht 22.44 m
ATF	No 6	E 742 954.6 NII69 151.6 Ht 36.95 m
ATF	No 7	E 744 328.9 NII67 273.4 Ht 51.11 m
ATF	No 8	E 743 884.9 NII67 447.4 Ht 57.87 m
ATF	No 9	E 744 173.5 NII67 208.1 Ht 45.20 m

9. Fourth order control to cover specific areas for mapping or artillery purposes will be kept separate and separately designated from the theatre control to avoid confusion.

10. The method detailed in para. 9 of the Monthly Report covering April will be used early in June to establish control into two ARVN posts on Route 23. Further reports on this method will then follow.

Air Photography

II. The following photography was received during the month.

DAT DO to the coast	I/8,500	80% coverage
Fence photography	I/3,000	90% coverage
XUYEN MOC	I/3,000	75% coverage

The last two are 4½"x4½" format the only vertical photography available in the wet season. This photography has good resolution but is poor for mapping purposes. I will be travelling to Saigon to liaise with the Formation that flies the photography to attempt to get more vertical and greater overlap photography on future orders.

PART 2 A MATTERS

Personnel

I2. The following personnel were RTA on the completion of their tour of duty on 13 May 67

52897	Capt.	R.F	SKITCH
210821	WO2	D.	CHRISTIE
214295	Cpl	D.G.P	CERUTI
2782125	Cpl	P.C.	CLARKE
54467	Cpl	B.W.	FIRNS
18457	Spr	D.E.J.	CHAMBERS

I3. The following personnel arrived at NUI DAT on 5 May 67.

212815	Sgt	B.A.	BAXTER
14992	Cpl	W.G.	PLINT
15695	Cpl	M.J.	HARDING
38604	Spr	G.J.	BAKER
3411876	Spr	A.T.	HASELOFF
38210	Spr	G.J.	WILLIAMS
44024	Spr	S.	WOJTOWICZ

I4. Cpl D.C. DUQUEMIN to RTA on 11 Jun 67.

Medical

I5. Health is generally good in the section. Spr SORRENSEN was discharged from hospital on 9 May 67. Sgt GIRI was hospitalised on 22 Apr 67 with a back injury and was MEDEVAC to Australia on 24 Apr 67 (approx).

R and R - R and C

I6. No members went on Rand R or R and C during the reporting period.

Morale

I7. Morale is high at present in the section.

PART 3 - Q MATTERS

Stores and Equipment

I8. One Theodolite , number V042388 was declared BER by RAEME and replaced on I6 May 67.

I9. Minor faults have been found with the three Tellurometers II70, II75 and II76 but these have now been corrected. Tellurometer II69 is still in workshops.

20. All other equipment has been tested by RAEME and found to be in a satisfactory condition.

Resupply

21. The delays found in the resupply of silkscreen expense items also applies to other cartographic supplies. Apparently there is a three months gap between the submission of the indent and the receipt of stores. Indents have now been submitted for an estimated six months supply of all expense items.

Kerr McChoy
Lt.
OC A Sec I Topo Svy Tp

Annexures	A Summary of Major Tasks
	B Description of Tasks Undertaken in the reporting period.
	C Summary of Silkscreen Printing May 1967.
	D Map Distribution Summary.
Appendix	P HORSESHOE SPECIAL I: I250.

DISTRIBUTION

Copy No

HQ I ATF
Directorate of Mil Survey
I Topo Svy Tp
DAD Svy E Comd
66 Engr Coy (Topo)
Diary
File

I
2-5
6-7
8
9
10
11

SUMMARY OF MAJOR TASKS

TASK	COMMENCE DATE	Fieldwork	Enlargement	Photo Inspection	Photo Plotting	Compilation Worksheet	Final Draw	Colour Sep- aration	Printing	Completed	Date complete or planned to Complete.	REMARKS
1:25,000 Revision for Reprinting and Overprinting. 6430-II-NE	Apr 67			100	100					75%		Subject of separate correspondence with D Svy
TAOR Overprint incl Cattle Lines	10 Apr 67						100	100	100	100%	30 May 67	Printed by 66 Engr Coy (Topo).
PERSPEX TAOR Overprint							75			75%	Jun 67	Overprint in 3 colours on three sheets
NUI DAT Special 1:5,000	May 67	100		100	100	100	100	40		75%	Jun 67	Main holdup has been printing. If the pres had been available thi task would have been 90% done.
ATF Cantonment Survey 1:2,500	Mar 67	75		75	75	25				25%	Early Jul 67	Temporarily shelved to concentrate on 1:5,000 NUI DAT Specia Compilation now going ahead.
HORSESHOE Special 1:1,250	10 Apr 67	100	100			100	100	100	100	100%	19 May 67	Three colours. Copy included with this doc
1 ALSG Cantonment Survey		25				25					Jul 67	Engineer works have negated a lot of our early works done durin the reporting period.
Transcription VC Names on 1:50,000	11 May 67						100			80%	Jun 67	Lack of printing facilities has been ma holdup.
After Action Report Op BRIBIE	10 May 67						100	100	100	100%	20 May 67	Done as Dyolines

TASK	Date Commenced	Fieldwork	Enlargement	Photo Inspection	Photo Plotting	Compilation to Worksheet	Final Drawing	Colour Separation	Printing	Completed	Date completed or date planned	REMARKS
Patrol Area Overlay	21 May 67						100	100	100	100	23 May 67	Printed on Silkscreen as a one colour overprint on two 1:25,000 map areas
JUC TAHN Special 1:5,000	22 May 67	100	100	100	100	100	100			75%	Jun 67	Ready for colour separation
BINH BA Special 1:5,000	23 May 67	100	100	100	100	100	100	10		75%	Jun 67	Colour separation commenced
JAT DO Fence 1:25,000	23 May 67	100	100	100	100	100	100			75%	Jun 67	Fence to be done as overprint on existing stocks and to be included permanently on 1:25,000 series. This is the subject of separate correspondence to D Svy

TASK	TASK REQUIRED BY	DESCRIPTION OF TASK
PATROL AREA OVERLAY	GS02(Ops)	Area in the immediate vicinity of 1 ATF has been divided into patrol areas which is required to be shown as an overprint on the 1:25,000 maps BINH BA(SE) and XUYEN HOC(SW).
DUC TANH Special 1:5,000 BINH BA Special 1:5,000	GS02(Ops)	Require an accurate map covering the immediate vicinity of the respective ARVN outposts. Required to cover 1,000 yds all round from outpost. Task being undertaken using existing control, the section of BINH GIA Special concerned and detail plotting from aerial photos.
DAT DO Fence	GS02(Ops)	Done in two parts. The top section done as a 1:5,000 dyeline from 1:8500 photography, scaling by map spot, and the bottom section transferred from 4½ x 4½" format, 1:3,000 photography run after fence established onto 9"x9" format, 1:8,500 photography. This was scaled down to 1:25,000 using recently established AAS015 and map spot.
After Action Report OP BRIBIE	6 RAR	Done as a series of dyelines as the silkscreen was not operating at this stage.

SUMMARY OF SILK SCREEN PRINTING M Y 1967

JOB NO	NAME	NO OF COLOURS		NO OF COPIES	NO OF PULLS
AFV/F7-18/1139	PATROL AREA OVERLAY	1		160	160
NOT APPLICABLE	HORSESHOE SPECIAL 1:1,250	3		200	600

Annex D to Operational Report

MAP DISTRIBUTION SUMMARY

Unit	L70I4 I:50,000	L8020 PICTO	L80I5 I:25,000	JOG 'A'	JOG 'G'	MISC
I04 Sig Sqn	40	25		4	2	
6 RAR	600		I20			I
Arty Tac	I2	I93	I2			3
2I EST		6				
Int	I66	4	67	2		
A Sqn 3 Cav	27	3	200	4		2
SAS	I20		I70			
I3I Div Loc	4	29				
I06 Bty		32	8			
I6I Bty			5			
Sector	6	6				
Div Int Sec	23					
7 RAR,		I30	200			6
Unit	3I	I84	6	8		
LAD	I6			3		I
I ATF	I7			I		
Battle Int	36	2				
Air Int.			6			
2 RAR	2I0	38	II4			I
Arty Int	66					
ARU		80	80			
A Bty 2/35	24					
HQ Coy				5		3