

Series: AWM95
Australian Army commanders' diaries
[Vietnam]

Detachment, 1 Topographical
Survey Troop

Item number: 5/1/50

**Item: A Section 1 Topographical
Survey Troop**

Operational Report no. 49

[photocopy]

[1-31 May 1970]

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AUSTRALIAN MILITARY FORCES
VIETNAM

A Sect 1 Topo Svy Tp
AFPO 4,
G.P.O. SYDNEY, 2890

2 Jun 70

Distribution below:

OPERATIONAL REPORT NO 49
Covering period 1 - 31 May 70

PART 1 - G MATTERS

GENERAL

1. The Unit remained in 1 ATF Base.

SURVEY SECTION

2. a. Field Work

(1) The levelling task in Baria for the proposed Vung Tau - Baria water supply system was completed. This task took 46 man days.

(2) A contour was laid out for an irrigation channel at Ap Suoi Nghe.

(3) Azimuth was supplied for an aerial at 110 Sig Sqn Vung Tau. Azimuth was taken from Polaris using a Polaris planisphere which gives the azimuth correct to 2 minutes of arc.

b. Compilation

(1) L8015 Revision Programme. Sheet 6429-IV-NE is awaiting map edit and will be dispatched within 7 days. Sheets 6429-IV-SW and 6429-IV-NW should be dispatched during this month.

(2) The BINH BA (SPECIAL) 1:5,000 is being revised and will be published as Edition 2. It has been ground and air annotated.

(3) A sketchmap of the village of DUC MY was produced. See Annex B.

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2.

c. Records

Unit records and the photo library were maintained.

d. F24 Photography

Four runs of F24 photography were flown for use in the planned revision of the DUC THANH 1:5,000.

e. Man Hours

The breakdown of man hours is shown below:

<u>Task</u>	<u>% of Time</u>
Field Work	25
Compilation	55
Records	20

CARTOGRAPHIC SECTION

3. a. Map Overlays

(1) The following overlays are continuously updated:

- (a) topographic
- (b) mine
- (c) en installations

(2) An overlay showing all the villages and hamlets in Phuoc Tuy Province was prepared and overprinted on 1:100,000 map 6430. See Annex C.

b. Charts

Five miscellaneous charts were drawn.

c. Compilation

(1) A new base defence map was prepared.

(2) Work was carried out on the BINH BA (Special) 1:5,000.

(3) A new battle map for the CP was prepared. This task took 45 man days.

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3.

d. Man Hours

The break down of man hours is shown below:

<u>Task</u>	<u>% of Time</u>
Updating Overlays	20
CP Battle Map	40
Compilation	20
Signs and Charts	20

PHOTOGRAPHIC SECTION

4. a. 35mm film was processed for the following units:

- (1) 17 Const Sqn
- (2) Div Int Unit
- (3) 6 RAR
- (4) TFMA
- (5) 8 RAR
- (6) Psyops

b. process photography was undertaken for:

- (1) 161 Recce Flt
- (2) TFMA
- (3) 8 RAR
- (4) HQ 1 ATF

c. Mosaics were printed for stock. 460 prints were produced from the enlarger and 460 bromide contacts were produced.

d. The breakdown of man hours is shown below:

<u>Task</u>	<u>% of Time</u>
Taking aerial photos & processing	10
Support of Survey Sect	35
" Carto Sect	30
" other units	25

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4.

REPRODUCTION SECTION

5. a. Operational Tasks

Map stocks were overprinted for 2RAR, 7RAR, 8RAR and the AHQ Battle Analysis Team.

b. Mapping Tasks

The following were printed:

- (1) Base Defence Map 1:10,000
- (2) DUC MY sketchmap
- (3) Village Names overprint on 1:100,000

c. Miscellaneous Printing

Tasks were undertaken for:

- (1) HQ 1 ATF
- (2) ALSG
- (3) Battle Int Sect
- (4) 6RAR

d. 4,800 impressions were pulled during the month. The average run being 100.

e. the dyeline machine was used by other units.

MAP DISTRIBUTION

6. a. The following maps were issued during the period:

<u>Map Series</u>	<u>Scale</u>	<u>Quantity</u>
L8020 (Picto)	1:25,000	874
L8015	1:25,000	4170
L7014	1:50,000	3216
L607	1:100,000	659
JOG (A)	1:250,000	6
Miscellaneous	-	726

Total Issues for the Month 9,651

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5.

- b. 122 mosaics were issued.
- c. 50 dyelines of sketchmaps were issued.

CIVIL AFFAIRS

7. Survey support was supplied for the Baria - Vung Tau Water Supply (para 2(a)(1) refers) and for the irrigation scheme at Ap Suoi Nghe (para 2(a)(2) refers).

PART 2 - A MATTERS

NOMINAL ROLL

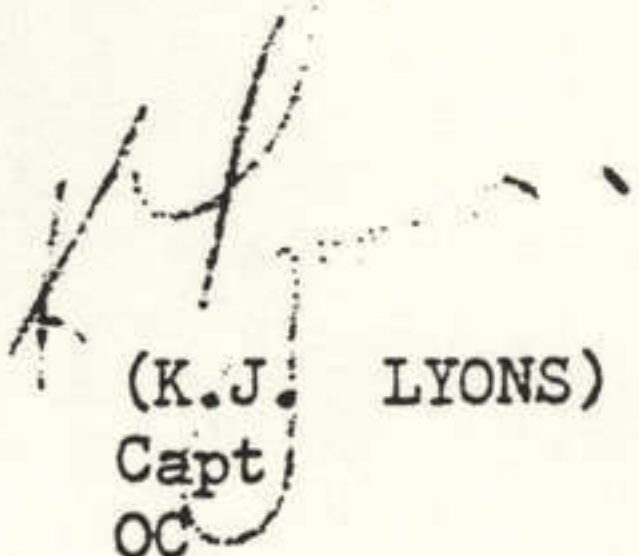
8. See Annex A.

POSTINGS

- 9. a. The following member departed for Australia during the period:
61797 Cpl L A PERCEY 14 May 70.
- b. The following members arrived from Australia during the period:
 - (1) 39092 Cpl I R CAMPBELL 7 May 70
 - (2) 1202084 Spr J T WRIGHT 14 May 70.

PART 3 - Q MATTERS

10. All technical equipment was checked for serviceability and completeness and all tellurometers sent to workshops for routine checking and calibration.


(K.J. LYONS)
Capt
OC

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ANNEXURES

- A. Nominal Roll.
- B. Sketchmap of DUC MY Village.
- C. 1:100,000 Map Overlay showing all villages and hamlets in Phuoc Tuy Province.

DISTRIBUTION

HQ AFV	- 2
HQ 1 ATF	- 1
D Svy, AHQ	- 4
B Sect 1 Topo Svy Tp	- 1
66th Engr Coy (Topo)	- 1
M & I, HQ USARV	- 1
File	- 1

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Annex A to
OP Report No 49.

NOMINAL ROLL

17082	Capt	K J LYONS	
4719812	2Lt	J M WHITBURN	
42180	WO1	R McMILLAN	WO1 Svyr Topo
1202084	Spr	J T WRIGHT	WO2 Platemaker Litho
53004	SSgt	I J HASTINGS	TQMS
18644	Sgt	M NEIL	Sgt Dtmn Topo
55376	TCpl	L A PATTERSON	Sgt Dtmn Litho
42804	Sgt	D G COLLINS	Sgt Svyr Topo
39092	Cpl	I R CAMPBELL	Sgt Svyr Topo
54378	Cpl	B E PARKER	Cpl Clerk Admin
39535	Spr	R G BARWALD	Cpl Dtmn Litho
216481	Cpl	G E GRAHAM	Cpl Photographer Litho
1202141	Spr	M J COLLINS	Cpl Storeman Tech
1200238	Cpl	P E FAITHFULL	Cpl Svyr Topo
1200512	Cpl	K J GALLAGHER	Cpl Svyr Topo
1201787	Spr	D S McALLAN	Spr Dtmn Topo
3411521	LCpl	G C MURRAY	Spr Driver
39332	Spr	B M APPLEFORD	Spr Platemaker Litho
2276420	Spr	J F WALKER	Spr Svyr Topo
39748	Spr	G S DOWD	Spr Svyr Topo
3795975	Pte	A M WALLIS	Pte Cook
55659	Spr	P R WILLINGTON	Spr Dtmn Topo (theatre supplement)

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