

Series: AWM95
Australian Army commanders' diaries
[Vietnam]

Detachment, 1 Topographical
Survey Troop

Item number: 5/1/47

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

Operational Report no. 46

[photocopy]

[1-28 Feb 1970]

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AUSTRALIAN MILITARY FORCES
VIETNAM

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

3 Mar 70

Distribution below:

OPERATIONAL REPORT No 46
Covering period 1-28 Feb 70

PART 1 - G MATTERS

GENERAL.

1. The Unit remained in 1 ATF base.

SURVEY SECTION

2. (a) Field Work
 - (1) The site of 24 Bench Marks (BM) were visited and 12 were found to be destroyed. The rate of destruction of survey marks in SVN is causing grave concern at MACV.
 - (2) Aerial annotation of the 1:25,000 6429-I-NE was carried out.
- (b) Compilation
 - (1) One mosaic was constructed and two accident plans were prepared for A Br.
 - (2) A colour proof of TPC3 6430-I is being edited for the 29th Engr Bn.
 - (3) A new topographic correction overlay was compiled for the new TPC3, 6430-II map.
 - (4) Compilation of NUI DAT (1:10,000) Special Ed 4 remains as an opportunity task.
 - (5) The following maps are being prepared for a reprint in Australia:
 - (a) Series L8015
6429-I-NE-NW
6429-IV-NE-SW-NW
 - (b) Series L7014
6429-I-IV

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CONFIDENTIAL(c) Records

(1) Updated trig access diagrams were delivered to the Geodetic Information Centre, (GIC) Long Binh.

(2) Access diagrams for located BM's were prepared.

(d) F24 Photography

Four runs of photography were flown. *How many exposures.*

(e) Man Hours

The breakdown of man hours is shown below:

<u>Task</u>	<u>% of Time</u>
Checking GM's and Records	30
Map Revision	25
Mosaic & Sketchmap Compilation	30
Map Edit	15

CARTOGRAPHIC SECTION3. (a) Map Overlays

(1) The following overlays are continuously updated:

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

(2) The following repromat was updated:

- (a) 1 ATF road map
- (b) FSPB (Fire Support Bases)
- (c) TAOR boundaries

(3) An overlay for the 1 ATF road map was prepared showing the location of all telephone cables.

(b) Charts

Ten miscellaneous charts were drawn. Supervision was provided for the production of a large number of training diagrams to be used by 1 ATF troops to train Vietnamese troops.

(c) Man Hours

The breakdown of man hours is shown below:

<u>Task</u>	<u>% of Time</u>
Updating overlays	50
Charts, signs etc	30
Compilation of cable overlay	10
Map Edit	10

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CONFIDENTIALPHOTOGRAPHIC SECTION

4. (a) Hand ~~and~~ photography was taken and processed for the following:
- (1) mine damaged tanks
 - (2) passports
 - (3) PW's
- (b) 35mm film was processed for the following:
- (1) Psyops
 - (2) Engrs
 - (3) Canteens
- (c) Work was undertaken in connection with the 5RAR and 6RAR history.
- (d) 499 bromide contacts were produced and 424 enlarged prints were produced.
- (e) The breakdown of man hours is shown below:

<u>Task</u>	<u>% of time</u>
Aerial photography & processing	10
Mosaic photography & processing	15
Support of cartographic section	25
Support of other units	50

REPRODUCTION SECTION

4. (a) Operational Tasks
Map stocks were overprinted for 8RAR and for stock.
- (b) Mapping Tasks
The following were printed:
- (1) 1 ATF road map
 - (2) Base Defence Map
 - (3) Base Patrol AO's
 - (4) 1 ATF Special overprint (1:100,000)
- (c) Miscellaneous Printing
- (1) A cover was produced for the 1 ATF Mine Warfare Book.
 - (2) Music Sheets were printed for the 6RAR Band.
 - (3) A sketch map for an after action report was printed.
- (d) 6642 impressions were pulled during the month, the average run being 100.

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CONFIDENTIALMAP DISTRIBUTION

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

L/8020 (Picto)	1:25,000	753
L/8015	1:25,000	2148
L/7014	1:50,000	4039
L/607	1:100,000	661
DOG A	1:250,000	5
Miscellaneous		168

Total for Month 7,774

- (b) 58 mosaics were issued. ←

- (c) No dyelines of sketchmaps were issued. ←

CIVIL AFFAIRS

7. (a) The unit participated in volley ball matches against local teams.
- (b) When all BM's are located their position will be shown to the province engineer to assist in local engineering works.

PART 2 - A MATTERSNOMINAL ROLL

8. See Annex A.

VISITS

9. No visits of note accrued during the period.

POSTINGS

10. The following member arrived from Australia:
42180 WO2 R McMILLAN

PART 3 - Q MATTERS

11. 20 man hours were spent on equipment maintenance.

K.J. Lyons
(K.J. LYONS)
Capt
OC

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ANNEXURES

A - Nominal Roll.

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 46.

NOMINAL ROLL

17082	Capt K J	LYONS	
4789812	2Lt J M	WHITBURN	
* 42810	WO2 R	McMILLAN	Svyr Topo
312501	TCpl G	WHITE	Platemaker Litho
310207	SSgt G	HASWELL	TQMS
42003	Sgt R	RIX	Dtmn Topo
55376	Spr L A	PATTERSON	Dtmn Litho
42804	Sgt D G	COLLINS	Svyr Topo
53731	Sgt M E	SAWYER	Svyr Topo
54378	Cpl B E	PARKER	Clerk Admin
39335	Spr R G	BARWALD	Dtmn Litho
216481	Cpl G E	GRAHAM	Photo Litho
2789525	Spr B L	GRISDALE	Storeman Tech
120C238	Cpl P E	FAITHFULL	Svyr Topo
1200512	Cpl K J	GALLAGHER	Svyr Topo
55659	Spr P	WILLINGTON	Dtmn Topo
3411521	LCpl G C	MURRAY	Driver
61797	Spr L A	PERCEY	Platemaker Litho
39748	Spr G S	DOWD	Svyr Topo
2276420	Spr J F	WALKER	Svyr Topo
1201787	Spr D S	McALLAN	Dtmn Topo
2790681	LCpl J A	GOODWIN	Cook

* 41896 WO1 W MURDO for RTA 4 Mar 70.

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