

Series: AWM95
Australian Army commanders' diaries
[Vietnam]

Detachment, 1 Topographical
Survey Troop

Item number: 5/1/44

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

Operational Report no. 43

[photocopy]

[1-30 Nov 1969]

CONFIDENTIAL

AUSTRALIAN MILITARY FORCES
VIETNAM

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

Distribution below:

Dec 69

OPERATIONAL REPORT NO 13
Covering period 1 - 30 Nov 69

PART 1 - G MATTERS

GENERAL.

1. Location A Sect 1 Topo Svy Tp remained in 1ATF Base
NUI DAT.

SURVEY SECTION.

2. Field Work

(1) 4 Nov - Maj CONSTANTINE and Sgt STRUNKS continued annotation of BINH BA and LONG HAI.

(2) A six inch level plan was completed of the BA RIA market. see para 5.c. below.

(3) Plans were drawn to assist in the investigation of a grenade incident at 9RAR on Sun 23 Nov 69.

3. Compilation

(1) Map revision continued. Map revision data was overprinted onto maps for a 6RAR deployment within AO LINTON. In addition, map revision data was supplied for 6RAR OP MARSDEN. A captured VC sketchmap was investigated and related to standard maps for OP MARSDEN. A detailed stereoscopic compilation was made of all tracks in the suspect area and overprinted onto the operational maps in rcd.

(2) The LONG HAI mosaic was completed and printing commenced. This is to be a four sheet photomap.

(3) Land clearance photography was received from HQ USARV but unfortunately full coverage of the area was not achieved. Stereocompilation has commenced, but the 1:100,000 1ATF Special showing land clearance will be delayed pending receipt or acquisition of the additional air photography.

- (4) A mosaic has been commenced of the LONG HAI hills area for Air Int. The air photography was flown by the VIETNAMESE Air Force (VNAF).
- (5) A number of bearing and distance computations, were completed for 547 Sig Tp, for an analysis of aerial performances.
- (6) A mosaic of the 1ATF Base Patrol AO was made at 1:12,500 scale for Ops.
- (7) Compilation of revision overlays for possible AAS + editions of L7014 series (1:50,000) maps commenced for sheets 6430-II, 6429-I and 6429-IV.
- (C) The following mosaics were completed using 1:50,000 air photography from HQ USARV:
- (a) BA RIA
 - (b) LONG CAT
 - (c) PHUOC HOA
 - (d) AP ONG TRINH
 - (e) LANG LONG HUONG
 - (f) TRAI DEN
 - (g) NUI NHON
 - (h) TRAI DEN to NUI NHON along Route 23.
 - (j) LONG NUAN
 - (k) LANG PHUOC HOA
 - (l) HOI MY
 - (m) AN NHUT

CARTOGRAPHIC AND REPRODUCTION SECTIONS

3. a. Operational Tasks

- (1) Prepared Stock The overprinting of stock with map revision data and enemy installations data continued.
- (2) 6RAR OP MARSDEM Overprints showing map revision data, enemy installations, mine data and tactical information were drawn and overprinted onto L7014 series (1:50,000) maps 6530-III, IV, and 6430-I-II for 6RAR OP MARSDEM a combined op with 4/52 ARVN Bn. 80 dyeline copies of the AO boundary were supplied as an annex to the Op Instr. See Annex C attached.

b. Mapping Tasks

(1) NUI DAT (1:10,000) Special Edition 4 of the NUI DAT (1:10,000) Special still remains in-work as an opportunity task.

(2) TAOR Overprint Repromat is being prepared to overprint the revised TAOR detail onto L7014 series (1:50,000) maps. This task has been delayed by higher priority work.

(3) HOA LONG Photomap Printing has commenced on the four sheets of the HOA LONG Photomap. At the end of the month one sheet has been printed.

c. Miscellaneous Hand Lettering and Charts.

(1) Six signs were made for the Pearson Community Centre - two copies of each as bromide prints.

(2) A plan showing rice harvest details was drawn up for 1 Aust CA Unit and 15 dyeline copies supplied.

(3) A plan was drawn of the TFMA area for 10FP.

(4) A simple, large map of VIETNAM was drawn for PR as an introduction for a film.

(5) The Battle Map in the CP was replaced with a map on which significant map revision detail had been hand painted.

(6) A sign was produced for 8 Fd Amb.

(7) Two wall charts were drawn for the HQ 1ATF S& T Rep.

d. Miscellaneous Drawing and Reproduction Tasks.

(1) 300 covers were printed for HQ 1ATF SOPs.

(2) A Sect 1 Topo Svy Tp report cover was reduced in size because of the changes in size of available duplicating paper.

e. Printing Full details of all printing during the period are shown at Annex A.

f. Photography The following tasks were completed in addition to routine work in support of the Cartographic Section:

(1) Prints were enlarged for a report by B Sqn Tks - ten bromides supplied.

(2) A lubrication chart was enlarged for 1 Fd Regt - two bromides supplied.

- (3) Five split vertical photographs were copied for the LO at DUC THANH to plan an operation - five bromides supplied.
- (4) Three copies of each of twenty four prints were produced for the LO at LONG DIEN - seventy two bromides supplied.
- (5) Photographs were taken of the grenade incident at 9RAR for the investigation - 694 bromide prints were supplied.
- (6) Five sets of bromide prints of the HOA LONG mosaic were produced for the Ready Reaction Coy - twenty bromides supplied.
- (7) Three enlarged copies of a captured VC photo were made for Battle Int - three bromides supplied.
- (8) Two enlarged prints were made from a negative of a fixed wing Possum for 547 Sig Tp - two bromides supplied.
- (9) A quantity of negatives were captured from the VC. Enlargements are being made for Battle Int. The work continues but at the end of the period a total of 184 bromide prints have been produced.
- (10) A film was processed of the LONG HAI hills for Air Int and one set of contacts supplied.

A TOTAL OF 992 BROMIDE PRINTS FOR NOV 69.

g. Dyelines 756 dyelines were made during the month by A Sect personnel and other units.

MAP DISTRIBUTION SECTION

4. The following maps were issued during the period:

<u>MAP SERIES</u>	<u>SCALE</u>	<u>QUANTITY</u>
L8020	1:25,000	352
L8015	1:25,000	2050
L7014	1:50,000	3374
L607	1:100,000	879
JOG(A)	1:250,000	28
Miscellaneous	-	6:

Total for
Month 6,744

Cumulative Total for 1969

95,592

CIVIL AFFAIRS

5. The following Civil Affairs projects were undertaken by A Sect personnel during the period:
- a. Approximately 4,000 ammunition boxes were delivered to the GIA DINH AN PHONG Orphanage for the construction of classrooms. Transport and drivers were supplied by 1 Fd Regt and this Unit supplied the labour and shotguns. A total of nine man days for this Unit.
 - b. Work commenced on the construction of an ornamental gate for the HOA LONG High School. The work continues; a total of nine man days for Nov.
 - c. A six inch level plan was produced of the BA RIA market for the engineers to improve drainage - a total of six man days.
 - d. A Unit team played volley ball against a village team at LONG DIEN on Sat 22 Nov 69. The Unit team won 15 - 12, 15 - 6, 15 - 3.
 - e. A Unit team played volley ball against an A grade team from the Admin & Log Coy Province HQ at BA RIA on Sat 29 Nov. The Vietnamese won 15 - 6, 5 - 15, 15 - 12.

PART 2 - A MATTERSNOMINAL ROLL

6. See Annex B.

VISITS.

7. a. Visits by Unit Members
- (1) 5 Nov - Maj CONSTANTINE to BA RIA for a reconnaissance of the levelling task.
 - (2) 12 Nov - Maj CONSTANTINE to HQ USARV to discuss the problems produced by the new TPC 3 editions of L7014 series (1:50,000) maps.
 - (3) 24 - 26 Nov - SSgt HASWELL to VUNG TAU for a projectionists course.
 - (4) 29 - 30 Nov - Capt THOROGOOD to LONG BINH to discuss progress of land clearance photography.

6.

b. Visits to Unit

(1) 8 Nov - Cpt BAYBROCK of M & I Division of HQ USARV to discuss air photography.

(2) 15 Nov - BG PODUFALY the CG of TOPOCOM inspected the Unit.

(3) 16 Nov - Sir Arthur ^{LEE}BELL and Mr RUSSELL of the RSL and Lt Col THOMPSON (AD Amenities) inspected the Unit.

(4) 25 Nov - Maj Gen HAY and Brig WEIR inspected the Unit.

DUTIES.

9. a. Capt THOROGOOD was Duty Officer in the CP at HQ 1ATF (Main) on two occasions during the month.
- b. The Unit provided the HQ Coy Orderly Sergeant on 4 occasions during the month.
- c. The Unit continued to provide the duty surveyor in the CP to plot nilocstats.

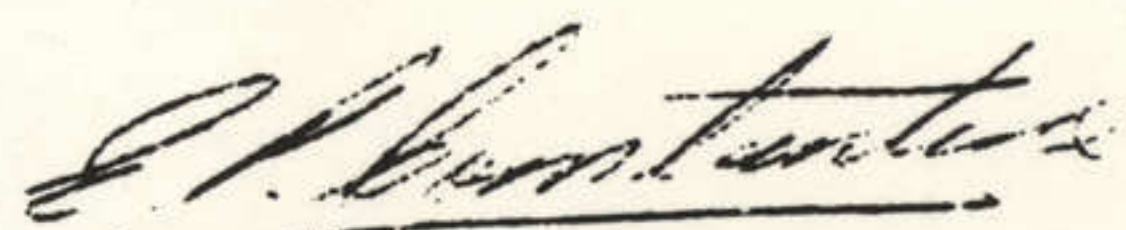
LEAVE

10. a. R & R Leave One member took leave in AUSTRALIA during the period.
- b. R & C Leave Three members took leave during the period.

PART 3 - Q AND ACCN MATTERS

UNIT IMPROVEMENTS

11. The orderly room has been extended and lined internally. A verandah has been included to provide protection from the sun and rain.



(E.P. CONSTANTINE)
Maj
OC

ANNEXURES

- A. Screen Printing Summary.
- B. Nominal Roll.
- C. 6 RAR OP MARSDEN.
- D. Level Plan of BA RIA Market.

DISTRIBUTION

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

SUMMARY OF SCREEN PRINTING

<u>AFV/MISC</u>	<u>NAME</u>	<u>COLS</u>	<u>COPIES</u>	<u>PULLS</u>	<u>REMARKS</u>
2226	1ATF Special	2	232	464)	6430
2226	1ATF Special	1	368	368)	
2226	1ATF Special	2	232	464	6530
2227	SOP Covers	1	300	300	
2230	VC District Boundaries	1	75	75	6430
2228	HOA LONG Photomap	1	50	50	

Overprints for stock and operations.

<u>MAP</u>	<u>MAP REVISION</u>		<u>EN INSTALLATIONS</u>		<u>TAC INFO</u>	
	<u>ADDITIONS</u>	<u>DELETIONS</u>	<u>LT BLUE</u>	<u>DK BLUE</u>	<u>RED</u>	<u>BLUE</u>
6430-I					65	
-II	170	250		65	65	
-III	64	232	65	65		37
6530-III	127	127	19	19	65	
-IV	382	382			65	

Total for Month 3,985
 Cumulative Total for 1969 40,675