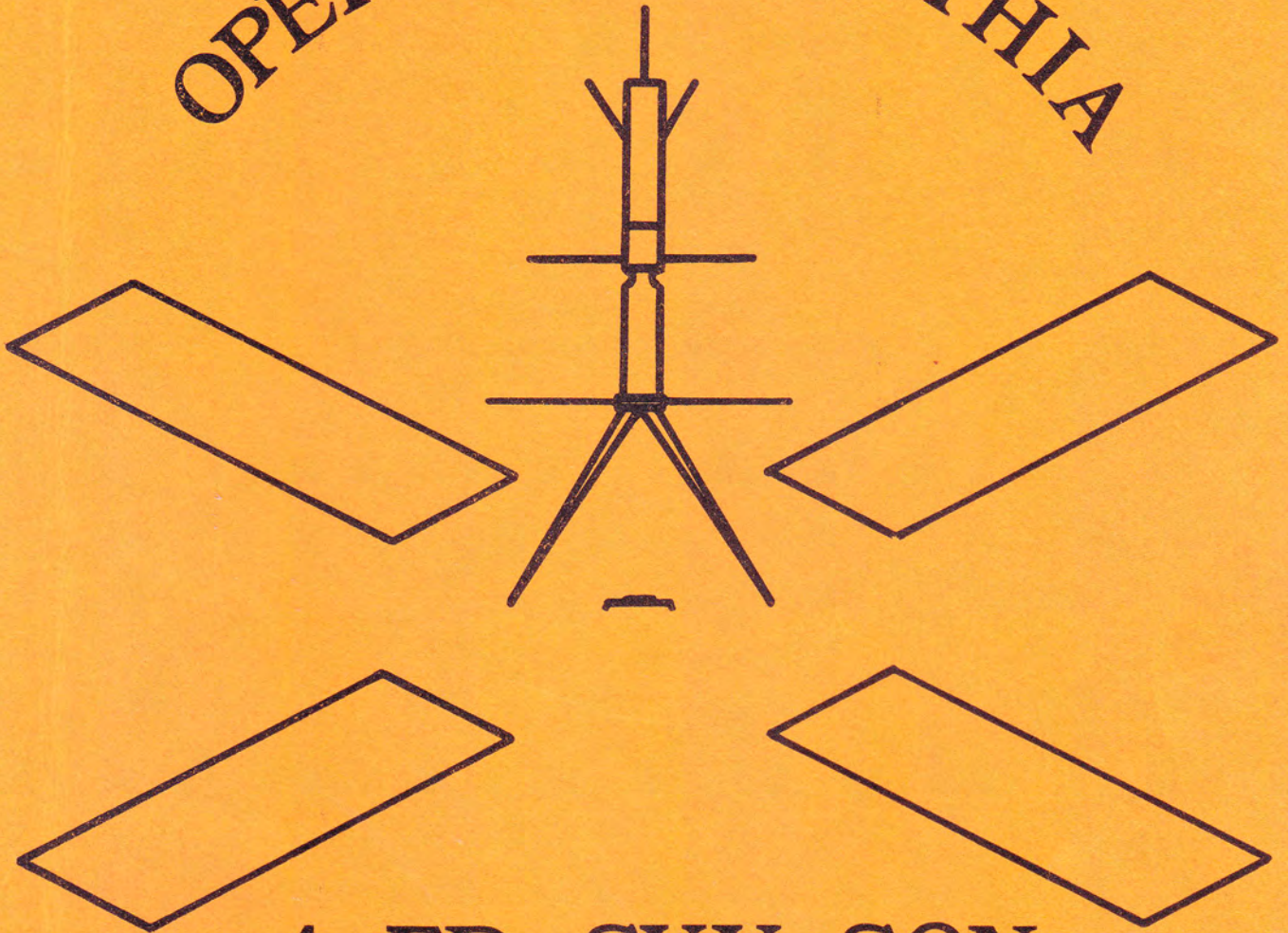


OPERATION CYNTHIA



4 FD SVY SQN

ALICE SPRINGS 1981

401

4 FIELD SURVEY SQUADRON

OPERATION REPORT

OPERATION CYNTHIA

See Distribution List

- References: A. Army Office (Tasking Directive), 474-1-48 dated 3 Sep 80
B. HQ 4 MD 788/2S/37 dated 12 Mar 81

General

1. Operation Cynthia was mounted by 4 Fd Svy Sqn to gain 1:50 000 mapping control in the following 1:250 000 scale map areas:
 - a. HERMANNSBURG
 - b. ALICE SPRINGS
 - c. HENBURY
 - d. RODINGA
 - e. KULGERA
 - f. FINKE
2. In addition to the acquisition of mapping control, photographic identification of new and existing control was obtained.
3. The operation commenced on Sat 14 Mar 81 and was completed on Wed 8 Apr 81 a duration of 26 days.

Operational Results

4. Horizontal Control A total of thirteen Geociever Stations were established. A detailed report is in Annex C.
5. Photographic Identification. Eighty five horizontal control stations were targetted and photographed. All stations were identified on the negative film. A detailed report is given in Annex D.

Operation Support

6. Aircraft Support. Fixed wing and rotary wing aircraft were allocated in support of the operation:
 - a. LOE - Civil Charter: One aircraft was allocated with 100 task hours. A total of 71.7 hours were flown. The aircraft was used to:
 - (1) Transport geociever equipment to and from observation locations.

- (2) Transport panelling parties to existing control stations.
- (3) Resupply geociever parties.

b. Queenair - Civil Charter: One aircraft fitted with a WILD RC10 camera was employed with 50 task hours allotted. 43½ hours were flown to obtain identification photography.

Administration

7. Manning. The outline organization of Det 4 Fd Svy Sqn is at Annex A and a nominal roll of all personnel is at Annex B.
8. Co-operation and performance of all attached personnel, both civil and military, was very good.
9. Rations. An allowance of \$5-00 per man per day was allocated for the operation. As for previous survey operations the purchasing of rations proved to be most satisfactory.
10. Main Base. The main base was established at Heavitree Gap Caravan park. All accommodation was in tents. The park proved to be ideally located close to the Alice Springs airport and township. The availability of shower, toilet and laundry facilities was appreciated by all members on the operation. Water for resupply of geociever parties was also obtained from the caravan park.
11. The manager of the park Mr. FARNHAM was very cooperative and provided assistance where possible throughout the operation.
12. Health. There were three health problems during the operation. One member was hospitalized and medivacted to Adelaide after a vehicle accident. The other two were treated for a sprained ankle and twisted knee respectively.
13. A medical assistant was not taken on the operation. First aid kits were available to all parties and base camp. These kits were sufficient for minor injuries but were quite inadequate when accidents occur in remote localities. More comprehensive kits should be taken on future operations.
14. Canteen. A small canteen was established at Main Base. The canteen was to supply members with beer, soft drinks and to resupply geociever parties with any special requirements. Most purchases for the canteen were made from the 7.62 Social Club in Alice Springs. This club is part of the 7 Independent Rifle Company, ARES.
15. Morale. The morale remained high during the operation. A minor morale problem existed because mail did not arrive from Adelaide.
16. Discipline. No situation arose where disciplinary action was required.
17. Pay and Allowances.
 - a. Pay: Members received pay in advance for the full period of the operation.
 - b. Allowances. Members received Incidental Allowance and Locality Allowance.

18. Public Relations. Liaison visits were made to the following organizations informing them of the operation:

- a. Alice Springs Police: The police were very helpful and offered their vehicle maintenance area for Army use. They also provided dark room facilities for aerial film loading.
- b. Dept of Lands and Survey.
- c. Dept of Aboriginal Affairs.
- d. Land Council for Alice Springs area.
- e. Alice Springs Council.

Logistics

19. Supply. There were no major supply problems during the operation.

20. Serviceability. Some problems were encountered with equipment during the operation:

- a. Geocriber: Geocriber 054 caused a great deal of trouble. Both RAEME personnel worked on the equipment but were not able to get the geocriber to work consistently.
- b. Honda Generators: The Honda generators caused some problems. Initial troubles were found to be caused by the overloading of the generators. It was also found that the generators were badly "carboned up". It is recommended that after each operation the generators have a major service.

21. Vehicles. The operation was supported by:

- a. 2 x Truck cargo 2½ ton GS.
- b. 8 x Truck Ute ½ ton GS. LR.


22. Generally all vehicles performed well. Minor repairs were required and were carried out by attached RAEME pers.

23. The landrover which was rolled over was recovered by Svy to Alice Springs. It was returned to Adelaide by rail.

Communications

24. Rear link. Was provided by telephone from Alice Springs to Adelaide using a Telecom Credit Card.

25. Main Base Net. Unit equipment AN PRC F1 were used on the survey network. Sitreps were taken at 0800 hrs daily. The equipment performed well but there was a lot of interference by overseas transmissions on the allocated frequency


(J.W. WINZAR)
MAJ
OC

Distribution:

External:

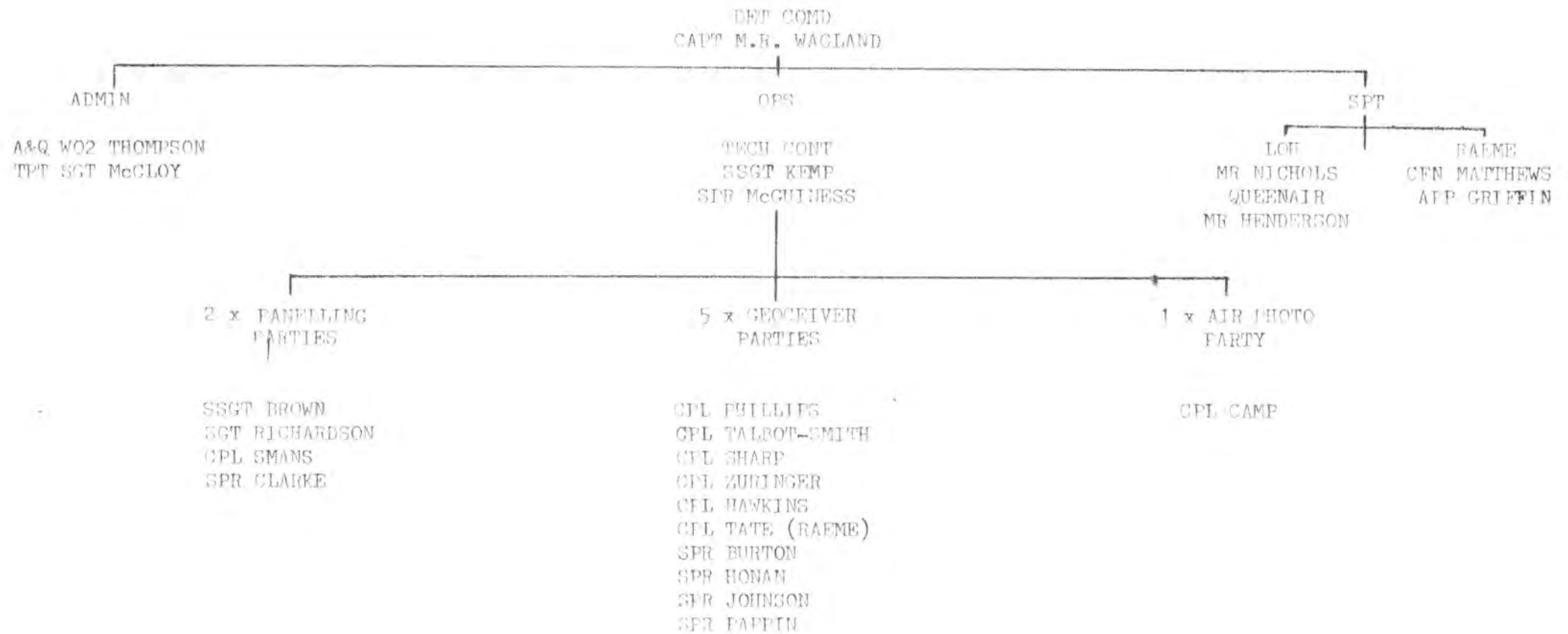
Dept of Defence (Army Office)	5
(Incl 3 for D Svy - A)	
Field Force Comd	3
(Incl 1 for SO1 Svy)	
4 Military District	2
Army Survey Regiment	2
School of Military Survey	2
1 Fd Svy Sqn	1
2 Fd Svy Sqn	1
5 Fd Svy Sqn	1

Internal:

OC 4 Fd Svy Sqn	1
4 Fd Svy Sqn	6

OPERATION CYNTHIA

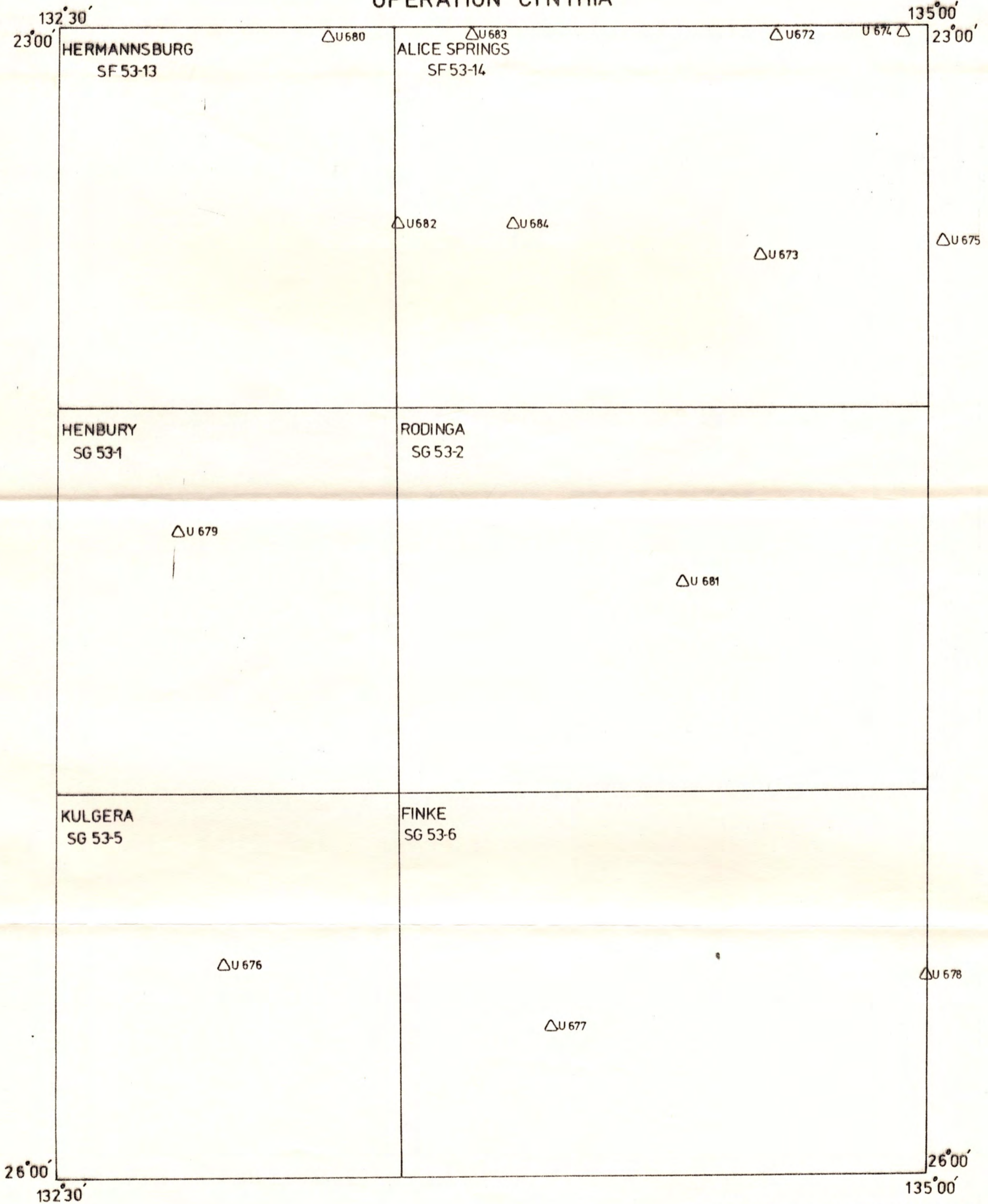
ANNEX A TO
4 TD SVY SQN
OPERATION REPORT



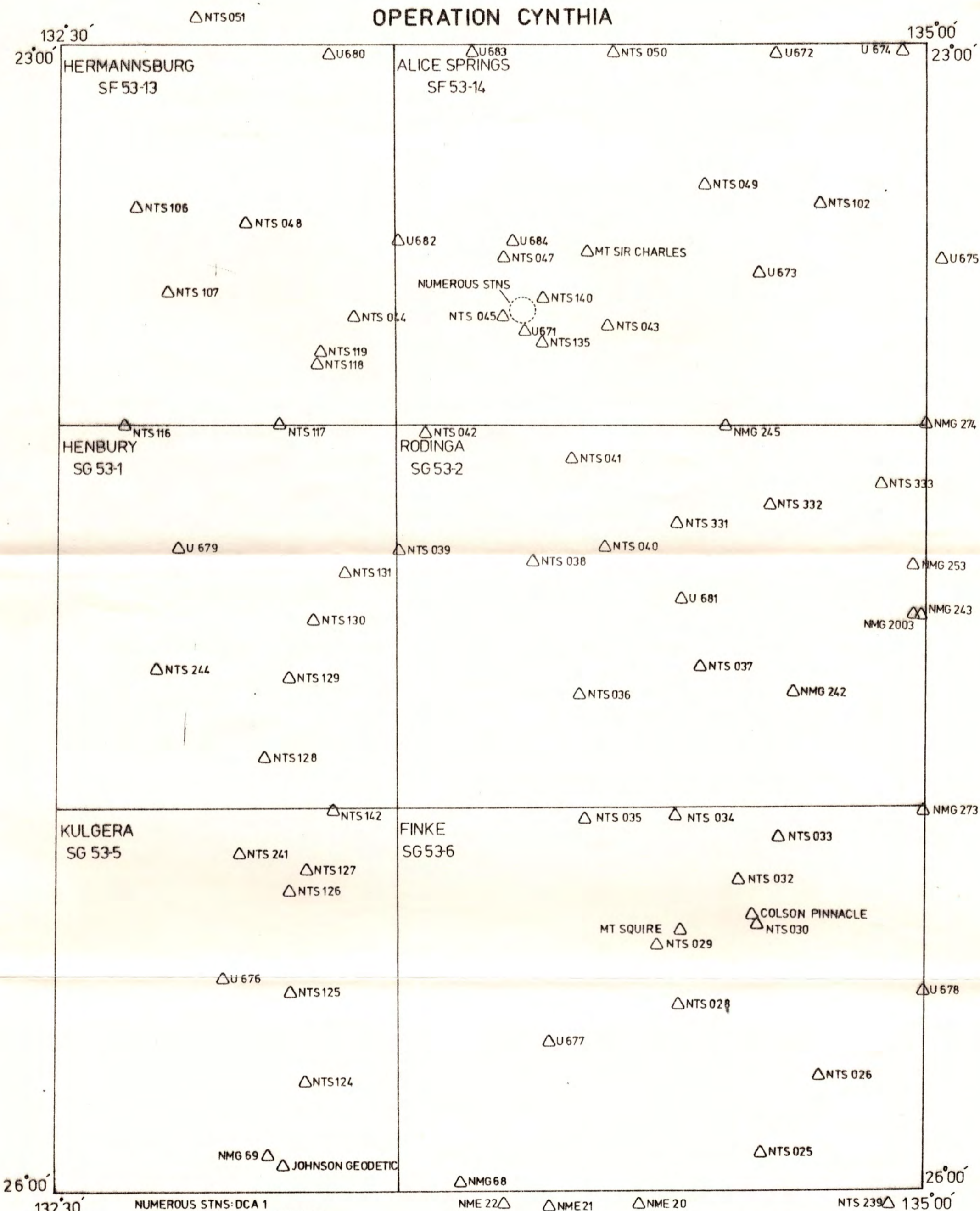
NOMINAL ROLL - OPERATION CYNTHIA

39530	CAPT	M. WAGLAND	14 MAR-8 APR 81
37851	WO2	P. THOMPSON	19 MAR-8 APR 81
1202181	SSGT	A. BROWN	14 MAR-8 APR 81
44001	SSGT	W. KEMP	14 MAR-8 APR 81
56695	SGT	R. McCLOY	14 MAR-22 MAR 81
45549	SCT	E. RICHARDSON	14 MAR-8 APR 81
3176518	CPL	A. HAWKINS	14 MAR-13 APR 81
317246	CPL	J. PHILLIPS	14 MAR-8 APR 81
46420	CPL	D. SHARP	14 MAR-8 APR 81
46111	CPL	L. CAMP	14 MAR-13 APR 81
47586	CPL	J. SMANS	14 MAR-18 MAR 81
45892	CPL	K. TALBOT-SMITH	14 MAR-8 APR 81
1204117	CPL	G. TATE	14 MAR-5 APR 81
46523	CPL	J. ZURINGER	14 MAR-8 APR 81
49622	SPR	R. BURTON	14 MAR-8 APR 81
321828	SPR	T. CLARKE	14 MAR-8 APR 81
226223	SPR	G. RONAN	14 MAR-8 APR 81
320155	SPR	B. JOHNSON	14 MAR-8 APR 81
321780	CFM	P. MATTHEWS	14 MAR-5 APR 81
321968	SPR	S. McGUINNESS	14 MAR-8 APR 81
49905	SPR	N. PAPPIN	14 MAR-8 APR 81
49609	APP	T. GRIFFIN	14 MAR-8 APR 81
MR JOHN NICHOLS			
MR ROGER COLCOUGH			
MR PETER HENDERSON			

OPERATION CYNTHIA



OPERATION CYNTHIA



NUMEROUS STNS: DCA 1
MT BLATHERSKITE
NTS 046
NTS 132
NTS 133
NTS 134
NTS 141

LEGEND: \triangle POSITIVE IDENT