

APPENDIX C

Simpson Desert 1985

Satellite Navigation Report

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Our Reference
Your Reference



SURVEY CONTROL FOR 1986 SEISMIC SURVEY IN OP.184

Introduction

Geomeasure Australia was retained by Beach Petroleum N.L. through Western Geophysical to establish 10 Doppler points in its Simpson Desert lease OP.184 for the control of their 1986 Seismic Survey program .

Field Observations

This work was conducted during the period 10 - 15 January, 1986 by Jon Currell and David Rose.

Three Magnavox MX1502 satellite receivers were used in the translocation mode. Approximately 10 - 14 matching translocation passes were recorded at each site.

The order of occupation and base stations used is shown below:-

Base Station	Remote Station
T1/495	D, E, F, G
Station F	H, I, J, K, B/B1
Poeppel Corner Trig Stn.	C

Processing

Observations were recorded on the WGS 72 datum. The data was then post-processed using the on board Magnavox processing facilities to determine the co-ordinates of the required stations in WGS 72 co-ordinates. Base station co-ordinates and computed values of observed stations were transformed from WGS 72 to AGD 66 and vice versa using data supplied by National Mapping. Heights were entered on the AHD and the translocated values were adjusted using the onboard spheroid separation values and those supplied by National Mapping.

Results

Attached are the base station summaries, station summaries and seismic map showing the stations established and base stations used.



BASE STATIONS

STATION SUMMARY

Authority: Division of National Mapping

Station Number and Name: T1/495

Order: First

Original Station Established by: S.A. Dept of Lands Date: Aug 1963

Existing Station Marked by: Date:

Reference Books: S.A. Lands Dept Clarke summary.
NM10653, NM10959,

Cadastral Location: State Country/District
Parish/Hundred Allotment/Section/Portion

Map Name: Simpson Desert South Map Number: SG 53-8 Scale 1: 250,000

DATUM: Australian Geodetic Datum, 1966

RECTANGULAR COORDINATES: Australian Map Grid: In Metres

GRID BEARING = ADJ AZIMUTH + CONVERGENCE

HEIGHTS: In Metres on the Australian Height Datum

The latest coordinates and adjustments appear on NMC Geodetic Data Base info summaries obtainable from Division of National Mapping, CANBERRA

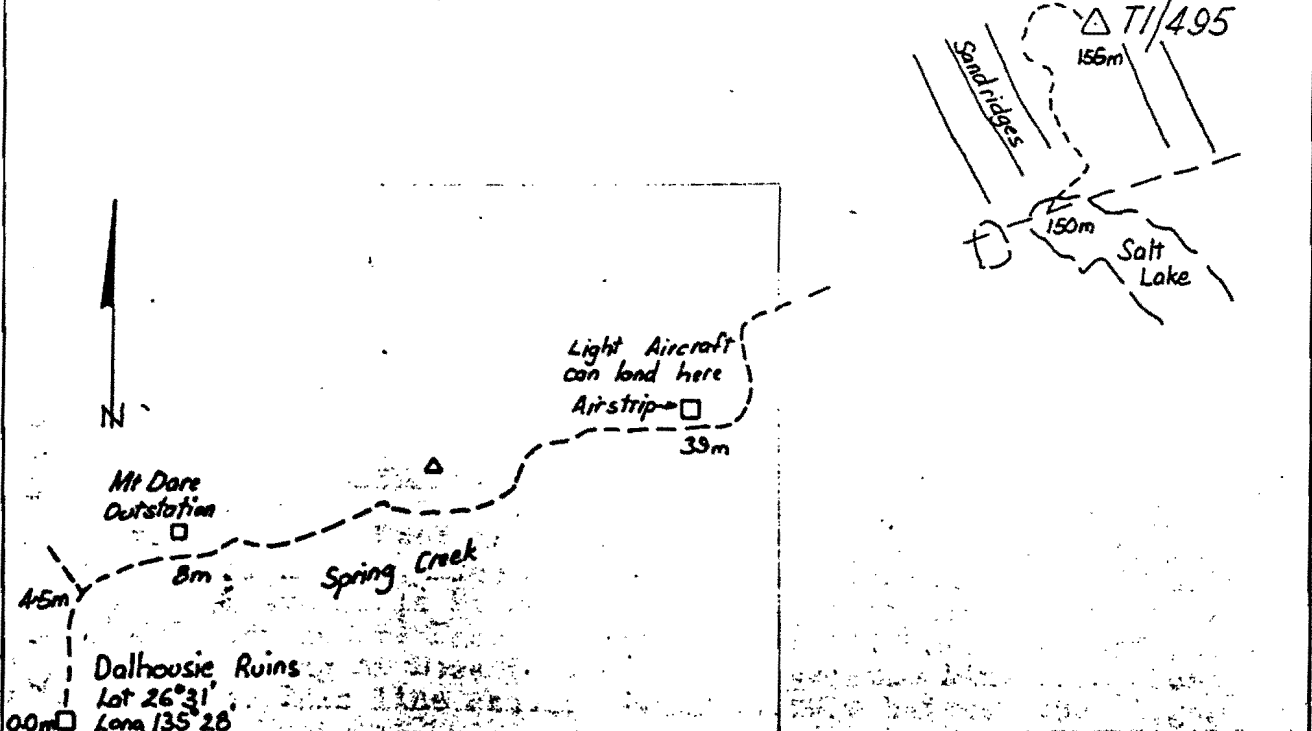
Access and Locality Sketch: Particulars of station marking and beacon:

Station Mark :G.I. socket 9" above surface level screwed to 14ft of 1/2" G.I. pipe driven into sand.

Beacon :Nil.

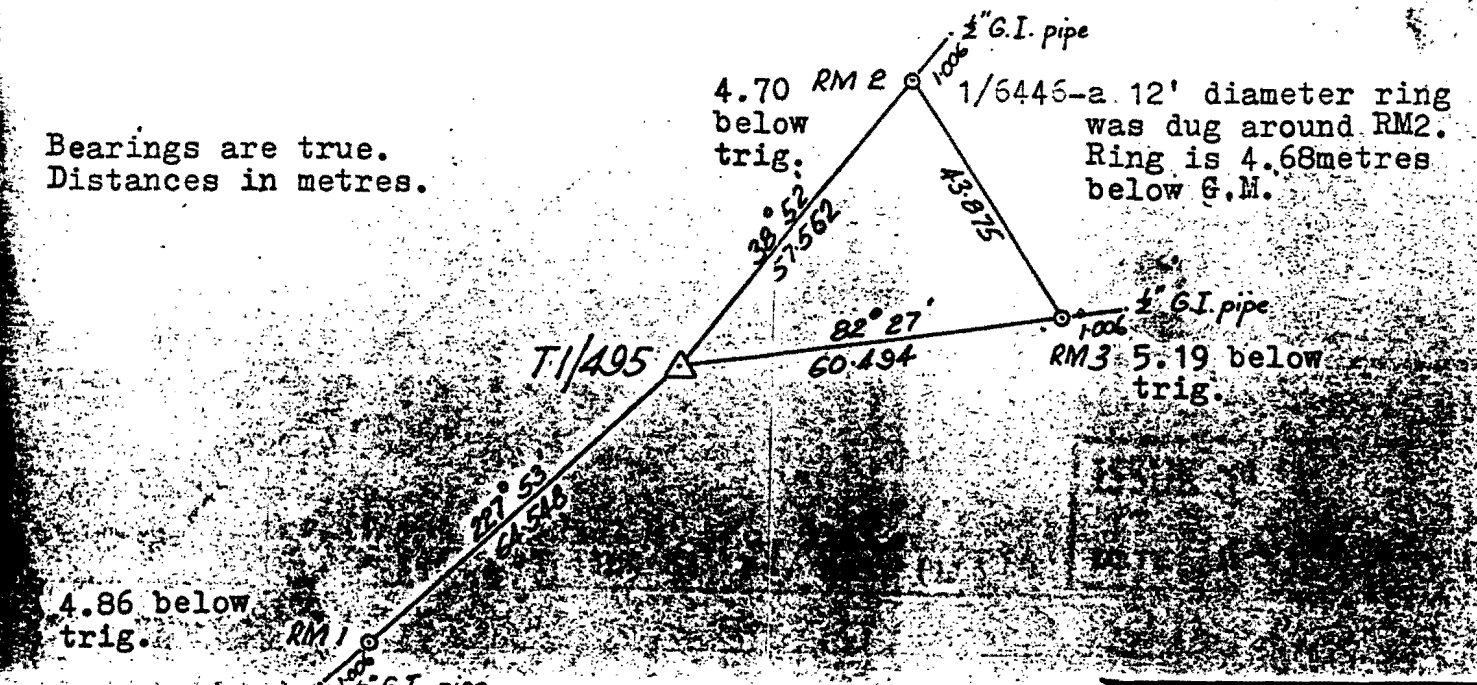
Reference Marks: 4'6" star pickets with top 9" above natural surface and 14ft of 1/2" G.I. pipe 1 metre in line 7ft below and 7ft above ground level for identification purposes.

Access :From Dalhousie Ruins follow track in Northerly direction to fork at 4.5mls. Take right hand track in an ENE direction to Mt Dare Outstation. From here follow track made by Seismic Coy. in an ENE direction for 150mls to a salt lake. Turn in a Northerly direction for 6mls. Station is on a sandridge.
Light aircraft can land at several places in the Desert, close to the Seismic Line.



Note: Access should always be made from the West. Sandhills are very steep on the Eastern side, making access from the East extremely difficult. To travel Westward would take thrice the time, fuel and mileage. Petrol and supplies available at Oodnadatta and Birdsville. Drinking water available Mt Dare Outstation, West side of Desert and Eyre Creek (muddy water) East side of the desert. Water was not found during the crossing of Desert. A bulldozed Seismic Line runs close

Bearings are true. Distances in metres.



STATION SUMMARY

Authority: SA DEPT OF LANDS

Station Number and Name: POEPEL CORNER

Order:

Original Station Established by: SA DEPT OF LANDS Date: 1880

OODNADATTA W.A.C. Map Number: 3345 Scale: 1,000,000

Existing Station Marked by: SA DEPT OF LANDS Date: AUG 1968

Australian Geodetic Datum. 1966

Reference Books:
TFS 2602. HAP 1059. VAP 1386,1625. TP 2359. BP 929.

REGULAR COORDINATES: Australian Map Grid: In Metres
HEIGHTS: In Metres on the Australian Height Datum
GRID BEARING = ADJ AZIMUTH + CONVERGENCE

Cadastral Location: State BOUNDARY Country/District
Parish/Hundred N.T. S.A. QLD. Allotment/Section/Portion

The latest coordinates and adjustments appear on NMC Geodetic Data Base info summaries obtainable from Division of National Mapping, CANBERRA

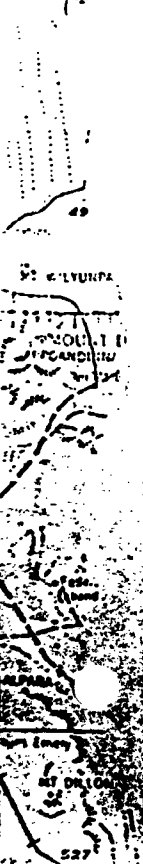
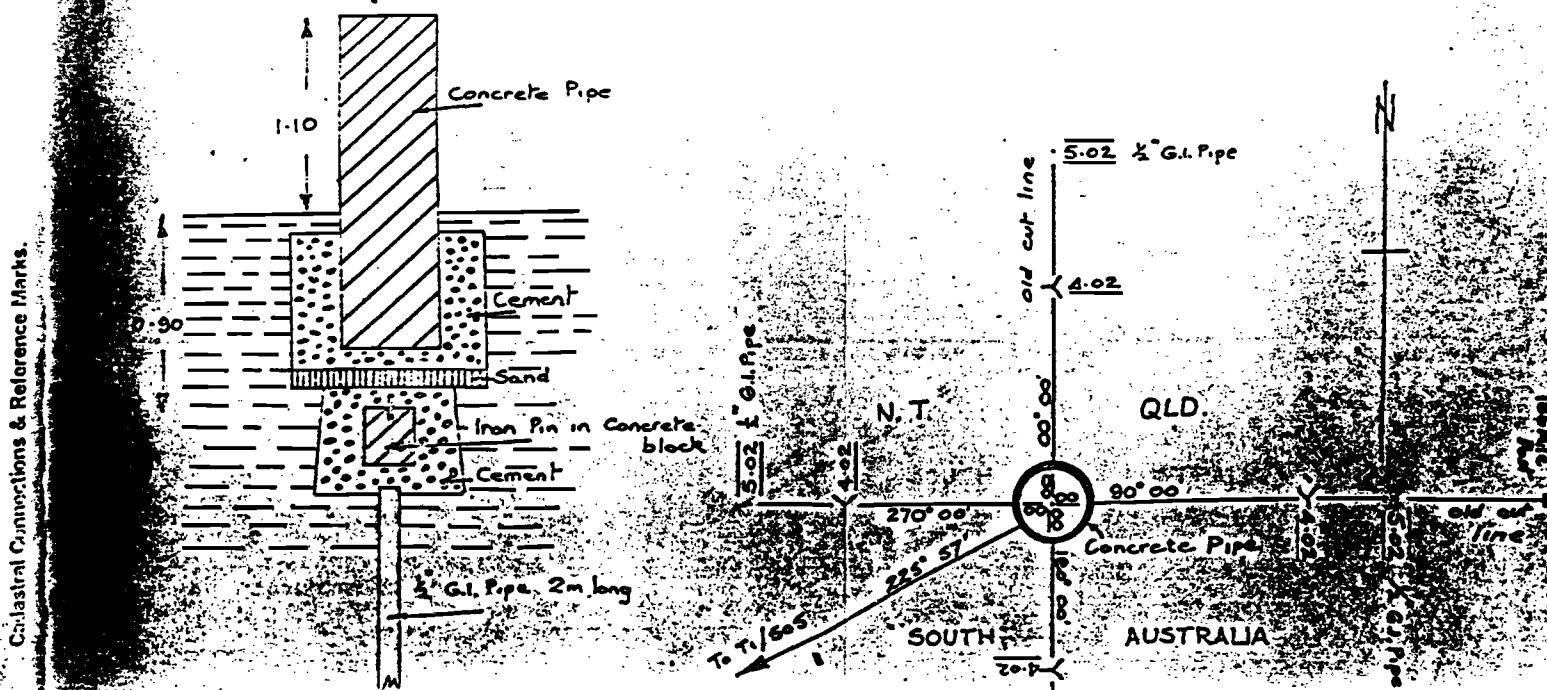
Access and Locality Sketch: Particulars of station marking and beacon:
Ground Mark consists of a concrete pipe, 2m long, 0.5m diam, with a brass plaque (Vide DR 430/68) let into the top, standing 1.10m above natural surface.
Sub Surface Marks are:-
1) A 2m 1/2" G.I. Pipe 1.30m below natural surface
2) An iron pin set in a concrete block 0.90m below natural surface.
R.M.s 1.37m Star pickets, 0.22m above nat surf and 4.0m of 1/2" G.I. Pipe, 1.0m in line, 2.0m below and 2.0m above nat surf.
Access Note Access is best made from the West. Sandhills are very steep on their Eastern sides, making access from the East very difficult. To travel Westward would take thrice the time, fuel and mileage. Petrol and supplies are available at OODNADATTA and BIRDSVILLE. Drinking water is available at Mt Dare outstation (Spring hut), West side of Desert and EYRE CREEK (muddy), East side of Desert. Water was not found during the crossing of the Desert. A Bulldozed Seismic line runs close by the station. This line should remain visible between the ridges for many years (Not visible in places 1968). Light aircraft can land at several places in the Desert close to the Seismic Line.

- 00.0M From DALEOUSIE Ruins follow track North to fork
- 04.5M Take right hand track in ENE direction to MT DARE outstation
- 08.0M From MT DARE OS follow Seismic track in ENE direction
- 175.0M for approx 167 miles to LAKE POEPEL then turn NE
- 175.0M for 0.6M to the station

Alternative Access

- 00.0M From BIRDSVILLE travel South for approx 8 miles
- 08.0M Turn West and travel along Border fence
- 48.0M Border fence turns N. Keep on travelling in Westerly direction
- 114.0M POEPEL CORNER

1970 3rd Order Level Connection
Trig is 3.720ft above BM 6872.



Produced by National Mapping from the
 NATIONAL GEODETIC HORIZONTAL CONTROL DATA BASE
 on behalf of the
 National Mapping Council

Wed Oct 9, 1985

JOB FOR GOEMEASURE AUSTRALIA
 Values are on AGD66

15 points qualify
 Sort order:

Page 1 of 1

Station Names	Order	Latitude	Longitude	Zone	Easting	Northing	Height	Vord	State	Misc	Rest
6345/1001	T1/504	1 26 6 33.3926	137 2 10.7134	53	703627.358	7110611.601	81.60	12	469	30168	11726
6345/1002	1/6345	4 26 6 32.7350	137 2 8.7371	53	703572.764	7110632.697	79.50	12	469	30068	10840
6345/1003	T2/504	1 26 5 2.0463	137 11 27.4103	53	719142.688	7113171.690	78.00	12	469	31170	11727
6345/1004	T3/504	1 26 3 23.8180	137 20 40.2680	53	734562.730	7115927.463	71.50	12	469	30163	11728
6345/1005	T4/504	1 26 6 48.8761	137 26 1.6632	53	743379.898	7109452.070	66.60	12	469	31170	11729
6445/00000	T2/6445	2 25 59 54.8673	137 30 23.4020	53	750898.285	7122057.440	45.20	12	649	30068	10843
6445/1001	2/6445	2 26 0 45.7840	137 58 49.5872	53	798327.891	7119492.767	72.090	11	461	30069	8320
6445/1002	4/6445	4 26 22 2.8777	137 59 36.6810	53	798730.507	7080142.514	45.80	12	461	30069	8358
6445/1003	T3/6445	2 26 22 2.1886	137 59 38.2937	53	798775.729	7080162.692	50.80	12	461	30069	8357
6445/1004	T1/505	1 26 0 46.5337	137 58 52.1095	53	798397.534	7119468.083	75.247	11	461	30169	8319
6445/11111	3/6445	4 25 59 54.6850	137 30 24.3647	53	750925.172	7122062.537	42.10	12	649	30068	10844
6446/00000	T1/495	1 25 58 54.1049	137 35 43.7650	53	759846.938	7123753.775	78.40	12	641	31170	11730
6446/11111	1/6446	4 25 58 52.6486	137 35 45.0637	53	759883.960	7123797.885	73.70	12	641	30070	10841
POEPEL CORNER	1	25 59 54.0980	137 59 52.0790	53	800102.947	7121044.281	24.64	12	641	30184	11732
T2/495	1	25 58 1.6703	137 49 38.3834	53	783103.520	7124886.210	66.70	12	641	31170	11731

SAT Co-ords

25° 58' 48.976"

137° 35' 47.486"



OBSERVED STATIONS

NATIONAL MAPPING COUNCIL OF AUSTRALIA
STATION SUMMARY

Serial No. _____

Authority _____

Station Number and Name: **SATELLITE STATION B/BI** Order: **Doppler**

Original Station Established by: **S.P.S.** Date: **1984**

Map Name: **ODNADATTA** Map Number: **SG-53** Scale 1: **1000000**

Existing Station Marked by: **GEOMEASURE AUSTRALIA** Date: **January, 1986**

DATUM: Australian Geodetic Datum 1966

Reference Books:

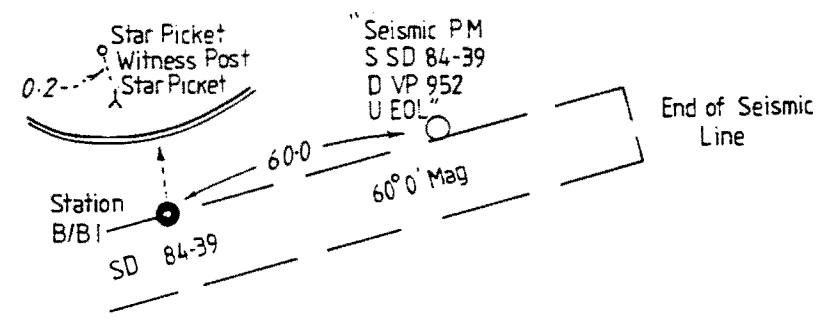
RECTANGULAR COORDINATES: Australian Map Grid: In Metres
GRID BEARING = ADJ AZIMUTH + CONVERGENCE HEIGHTS: In Metres on the Australian Height Datum

Cadastral Location: State **Northern Territory** County/District
Parish/Hundred Allotment/Section/Portion

SOUTH LATITUDE	EAST LONGITUDE	ZONE	EASTING	NORTHING	CONVERGENCE	HEIGHT
25°19'20.9490"	137°50'40.9530"	53	786381.145	7196290.971	+1°13' 3.17"	56.50 Doppler AHD Der.

Access and Locality Sketch: For access see Seismic Map for area.
Particulars of station marking and beacon:
Main Mark: Star picket driven into sand with tag "BEACH SPS SITE 2"
Witness Post: Red/White star picket with tag "SAT STN B"

To ADJ AZIMUTH ADJ LENGTH
Doppler Satellite observation, January 1986 by Geomeasure Australia.
Translocated from Satellite Station F.
Uncertainty of Co-ordinates ± 3 metres.



Cadastral Connections & Reference Marks.

Photo Identification:

Certified free of transcription errors: _____ Date: _____

Approved by: _____ Date: _____

NATIONAL MAPPING COUNCIL OF AUSTRALIA
STATION SUMMARY

Serial No. _____

Authority -----

Station Number and Name:

SATELLITE STATION C

Order: Doppler

Poepel Corner
Original Station Established by: S.A. Department of Lands Date: 1880

Map Name: _____ Map Number: _____ Scale 1: 1000000

Existing Station Marked by: GEOMEASURE AUSTRALIA Date: January, 1986.

DATUM: Australian Geodetic Datum 1966

Reference Books:

RECTANGULAR COORDINATES: Australian Map Grid: In Metres

GRID BEARING = ADJ AZIMUTH + CONVERGENCE

HEIGHTS: In Metres on the Australian Height Datum

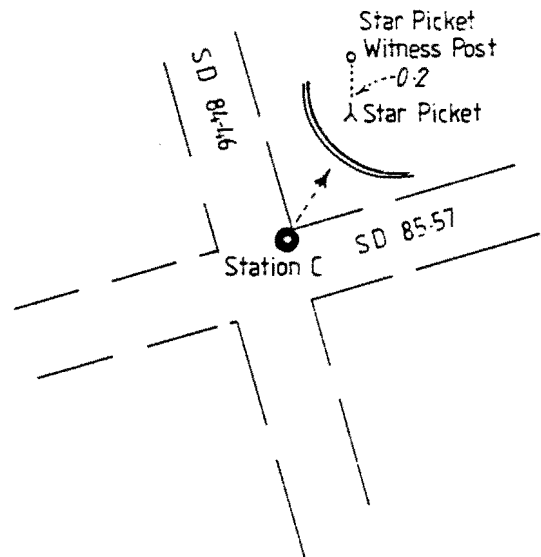
Cadastral Location: State Northern Territory County/District
Parish/Hundred Allotment/Section/Portion

SOUTH LATITUDE	EAST LONGITUDE	ZONE	EASTING	NORTHING	CONVERGENCE	HEIGHT
25°56'26.7740"	137°57'0.4111"	53	795470.663	7127536.028	+1°17'29.19"	38.49 Doppler AHD Der

Access and Locality Sketch: For access see Seismic Map of area.

Particulars of station marking and beacon:
Deep driven star picket in loose concrete collar with red/white star picket witness post tagged:
" SD85-57
Sat C"

To _____ ADJ AZIMUTH _____ ADJ LENGTH _____
Doppler Satellite observation, January, 1986 by Geomeasure Australia.
Translocated from Satellite Station F
Uncertainty of Co-ordinates ± 3 metres.



Cadastral Connections & Reference Marks.

Photo Identification:

Certified free of transcription errors:

Date: _____

Approved by: _____

Date: _____

NATIONAL MAPPING COUNCIL OF AUSTRALIA
STATION SUMMARY

Serial No

Authority -----

Station Number and Name: SATELLITE STATION D

Order: Doppler

T1/495
Original Station Established by: S.A. Department of Lands Date: August, 1963

Map Name: OODNADATTA Map Number: SG-53 Scale 1: 1000000

Existing Station Marked by: Western Geophysical Date: December, 1985

DATUM: Australian Geodetic Datum 1966

Reference Books:

RECTANGULAR COORDINATES: Australian Map Grid: In Metres

GRID BEARING = ADJ AZIMUTH + CONVERGENCE HEIGHTS: In Metres on the Australian Height Datum

Cadastral Location: State Northern Territory County/District
Parish/Hundred Allotment/Section/Portion

SOUTH LATITUDE	EAST LONGITUDE	ZONE	EASTING	NORTHING	CONVERGENCE	HEIGHT
25°57'58.2520"	137°37'32.1960"	53	762898.198	7125412.793	+1°9'.93"	31.80 Doppler AHD der.

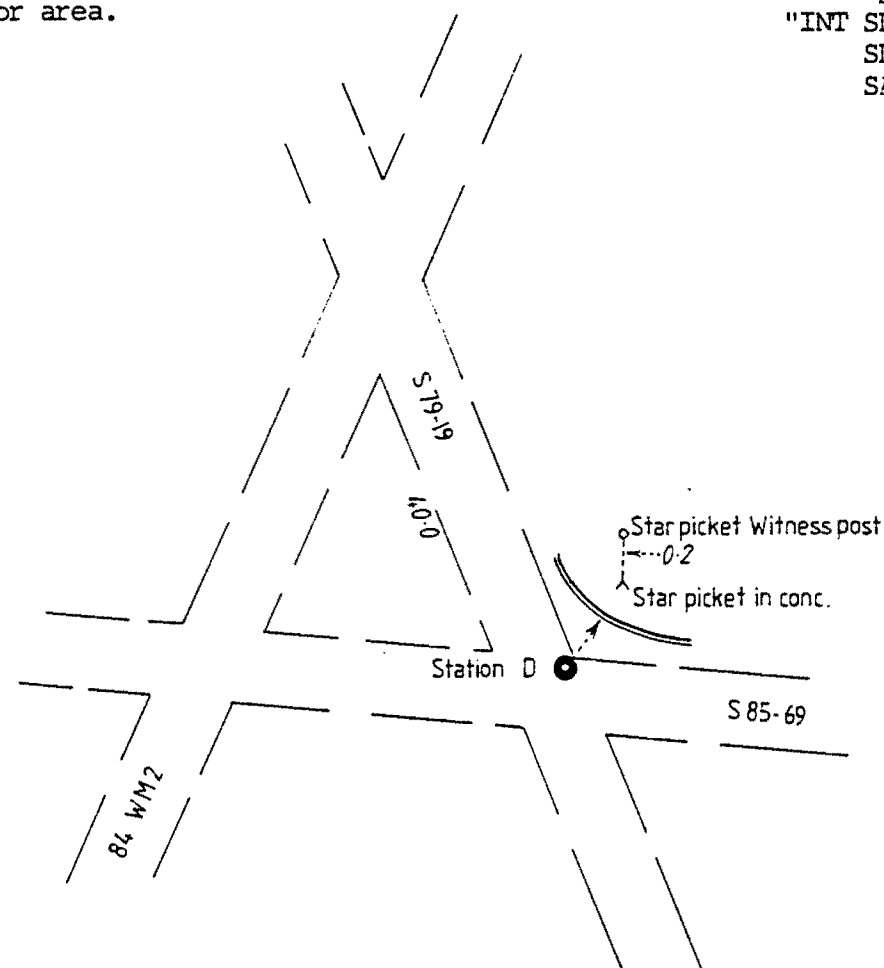
Access and Locality Sketch:

Particulars of station marking and beacon:

For access see Seismic map for area.

SEISMIC P.M.: Star picket in concrete beside star picket witness post:
"INT SD85-69
SD79-19
SAT D "

To ADJ AZIMUTH ADJ LENGTH
Doppler Satellite observation, January, 1986 by Geomeasure Australia.
Translocated from 1st Order Station 6446/000. T1/495.
Uncertainty of Co-ordinates ± 3 metres.



Cadastral Connections & Reference Marks.

Photo Identification:

Certified free of transcription errors:

Date:

Approved by:

Date:

NATIONAL MAPPING COUNCIL OF AUSTRALIA
STATION SUMMARY

Serial No

Authority -----

Station Number and Name:

SATELLITE STATION E

Order: Doppler

Original Station Established by: S.A. Department of Lands Date: August, 1963

Map Name: OODNADATTA

Map Number: SG-53

Scale 1: 1000000

Existing Station Marked by: Western Geophysical Date: December, 1985

DATUM: Australian Geodetic Datum 1966

Reference Books:

RECTANGULAR COORDINATES: Australian Map Grid: In Metres

GRID BEARING = ADJ AZIMUTH + CONVERGENCE

HEIGHTS: In Metres on the Australian Height Datum

Cadastral Location: State Northern Territory County/District

SOUTH LATITUDE	EAST LONGITUDE	ZONE	EASTING	NORTHING	CONVERGENCE	HEIGHT
25°52'52.0478"	137°22'18.7590"	53	737653.528	7135322.882	+1°2' 8.97"	51.93 Doppler AHD Der.

Parish/Hundred Allotment/Section/Portion

Access and Locality Sketch:

Particulars of station marking and beacon:

For access see Seismic Map for area.

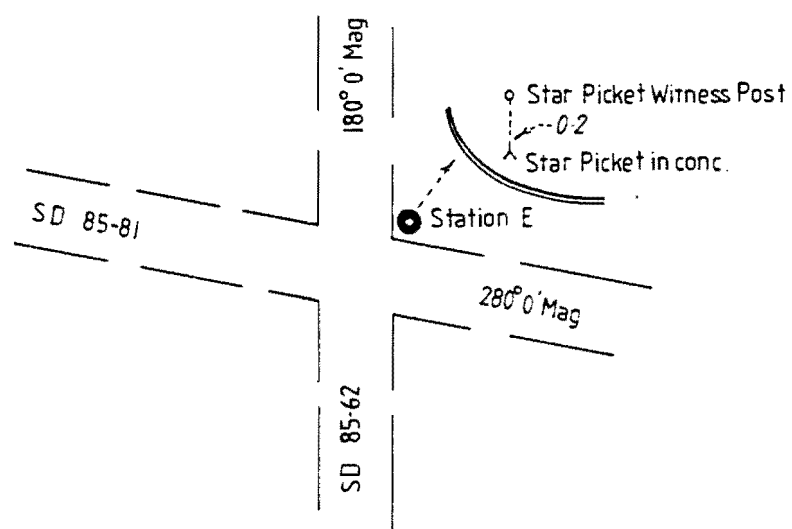
SEISMIC P.M. Star Picket in concrete beside star picket witness post tagged:

"INT SD85-62 W_{GC}
VP132+2

and SD85-81 W_{GC}
VP156+5 "

To ADJ AZIMUTH ADJ LENGTH

Doppler Satellite observation, January 1986 by Geomeasure Australia.
Translocated from 1st Order Station 6446/000. T1/495.
Uncertainty of Co-ordinates ± 3 metres.



Cadastral Connections & Reference Marks.

Photo Identification:

Certified free of transcription errors:

Date:

Approved by:

Date:

NATIONAL MAPPING COUNCIL OF AUSTRALIA
STATION SUMMARY

Serial No

Authority -----

Station Number and Name: SATELLITE STATION F

Order: Doppler

Tl/495
Original Station Established by: S.A. Department of Lands Date: August, 1963

Existing Station Marked by: Western Geophysical Date: December, 1985

Reference Books:

Cadastral Location: State Northern Territory County/District
Parish/Hundred Allotment/Section/Portion

Map Name: CODNADAITA Map Number: SG-53 Scale 1: 1000000

DATUM: Australian Geodetic Datum 1966

RECTANGULAR COORDINATES: Australian Map Grid: In Metres

GRID BEARING = ADJ AZIMUTH + CONVERGENCE HEIGHTS: In Metres on the Australian Height Datum

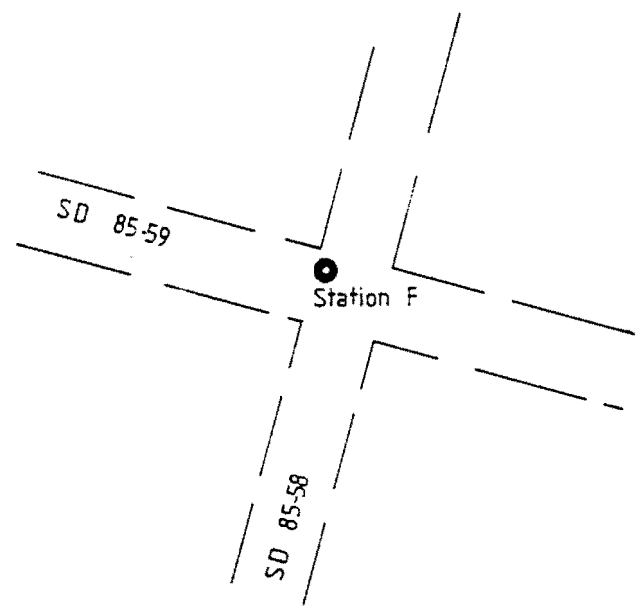
SOUTH LATITUDE	EAST LONGITUDE	ZONE	EASTING	NORTHING	CONVERGENCE	HEIGHT
25°41'25.7460"	137°40'49.1950"	53	769003.021	7155853.442	+1°9' 45.54"	57.47 Doppler AHD Der.

Access and Locality Sketch: For access see Seismic Map for area.

Particulars of station marking and beacon:
SEISMIC P.M.: Star picket in concrete beside star picket witness post tagged:
"INT SD85-59
SD85-60
SAT F "

To ADJ AZIMUTH ADJ LENGTH

Doppler Satellite observation, January, 1986, by Geomeasure Australia.
Translocated from 1st Order Station 6446/000. Tl/495.
Uncertainty of Co-ordinates ± 3 metres.



Cadastral Connections & Reference Marks.

Photo Identification:

Certified free of transcription errors: Date:

Approved by: Date:

NATIONAL MAPPING COUNCIL OF AUSTRALIA
STATION SUMMARY

Serial No. _____

Authority -----

Station Number and Name:

SATELLITE STATION G

Order: Doppler

Original Station Established by: **T1/495 S.A. Department of Lands** Date: **August, 1963** Map Name: **OODNADATTA** Map Number: **SG-53** Scale 1: **1000000**

Existing Station Marked by: **Western Geophysical** Date: **December, 1985**

DATUM: Australian Geodetic Datum 1966

Reference Books:

RECTANGULAR COORDINATES: Australian Map Grid: In Metres

GRID BEARING = ADJ AZIMUTH + CONVERGENCE

HEIGHTS: In Metres on the Australian Height Datum

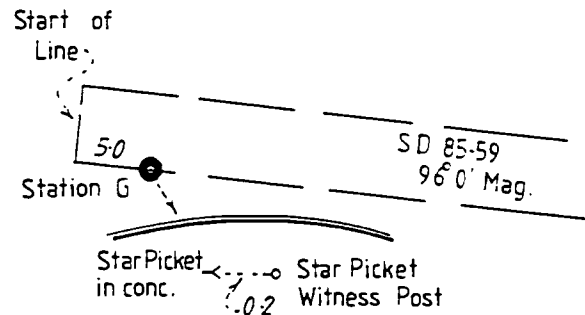
Cadastral Location: **State Northern Territory** County/District
Parish/Hundred Allotment/Section/Portion

SOUTH LATITUDE	EAST LONGITUDE	ZONE	EASTING	NORTHING	CONVERGENCE	HEIGHT
25°37' 9.6910"	137°19' 7.9130"	53	732850.248	7164420.748	+1° 0' 11.19"	77.46 Doppler AHD Der.

Access and Locality Sketch: For access see Seismic Map for area.

Particulars of station marking and beacon: SEISMIC P.M. Star Picket in concrete beside star picket witness post tagged: "SD85-59" VP76

To ADJ AZIMUTH ADJ LENGTH
Doppler Satellite observation, January, 1986 by Geomeasure Australia.
Translocated from 1st Order Station 6446/000. T1/495.
Uncertainty of Co-ordinates ± 3 metres.



Cadastral Connections & Reference Marks.

Photo Identification:

Certified free of transcription errors:

Date:

Approved by:

Date:

NATIONAL MAPPING COUNCIL OF AUSTRALIA
STATION SUMMARY

Serial No. _____

Authority -----

Station Number and Name: **SATELLITE STATION H** Order: **Doppler**

Sat Stn. F ~~Original Station~~ Established by: **GEOMEASURE AUSTRALIA** Date: **January, 1986.** Map Name: **OODNADATTA** Map Number: **SG-53** Scale 1: **1000000**

Existing Station Marked by: **GEOMEASURE AUSTRALIA** Date: **January, 1986.** DATUM: Australian Geodetic Datum 1966

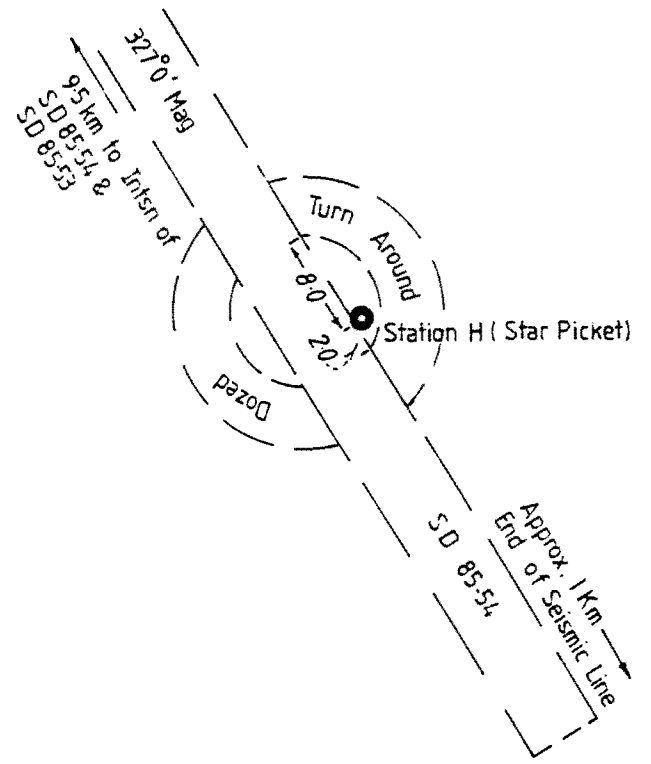
Reference Books: RECTANGULAR COORDINATES: Australian Map Grid: In Metres
GRID BEARING = ADJ AZIMUTH + CONVERGENCE HEIGHTS: In Metres on the Australian Height Datum

Cadastral Location:	State Northern Territory	County/District	SOUTH LATITUDE	EAST LONGITUDE	ZONE	EASTING	NORTHING	CONVERGENCE	HEIGHT
Parish/Hundred		Allotment/Section/Portion	25°32'35.7760"	137°49'42.9950"	53	784240.367	7171857.640	+1°13' 13.78"	53.84 Doppler AHD Der.

Access and Locality Sketch:
For access see Seismic Map for area.

Particulars of station marking and beacon:
Deep driven star picket in loose concrete collar with red/white star picket witness post tagged:
"Sat Stn. H"

To ADJ AZIMUTH ADJ LENGTH
Doppler Satellite observation, January, 1986 by Geomeasure Australia.
Translocated from Satellite Station F.
Uncertainty of Co-ordinates ± 3 metres.



Cadastral Connections & Reference Marks.

Photo Identification:

Certified free of transcription errors: _____ Date: _____

Approved by: _____ Date: _____

NATIONAL MAPPING COUNCIL OF AUSTRALIA
STATION SUMMARY

Serial No

Authority -----

Station Number and Name: SATELLITE STATION I

Order: Doppler

Sat Stn. F
Established by: GEOMEASURE AUSTRALIA Date: January, 1986

Map Name: OODNADATTA Map Number: SG-53 Scale 1: 1000000

Existing Station Marked by: GEOMEASURE AUSTRALIA Date: January, 1986

DATUM: Australian Geodetic Datum 1966

Reference Books:

RECTANGULAR COORDINATES: Australian Map Grid: In Metres

GRID BEARING = ADJ AZIMUTH + CONVERGENCE

HEIGHTS: In Metres on the Australian Height Datum

Cadastral Location. State Northern Territory County/District

SOUTH LATITUDE	EAST LONGITUDE	ZONE	EASTING	NORTHING	CONVERGENCE	HEIGHT
25°23' 9.3180"	138° 0' 9.8280"	53	198409.243	7188924.939	-1°17' 9.39"	56.39

Doppler
AHD Der.

Parish/Hundred Allotment/Section/Portion

Access and Locality Sketch:

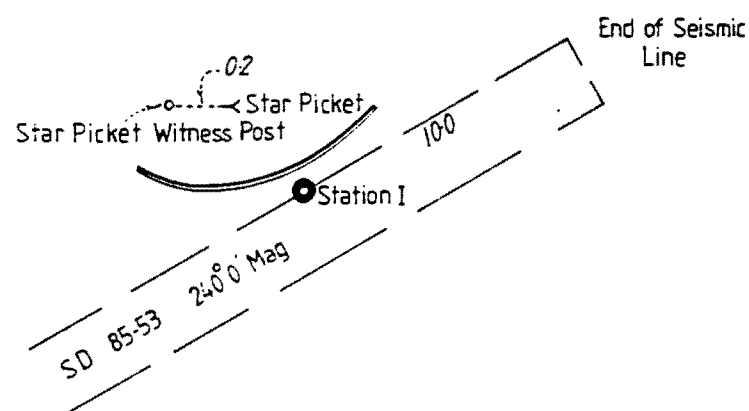
Particulars of station marking and beacon:

For access see Seismic Map for area.

SEISMIC P.M. Star Picket in concrete with red/white star picket witness post tagged:
"SD85-53"
VP1390 E.O.L.
Sat Stn.I

To ADJ AZIMUTH ADJ LENGTH

Doppler Satellite observation January, 1986 by Geomeasure Australia.
Translocated from Satellite Station F.
Uncertainty of Co-ordinates ± 3 metres.



Cadastral Connections & Reference Marks

Photo Identification:

Certified free of transcription errors:

Date:

Approved by:

Date:

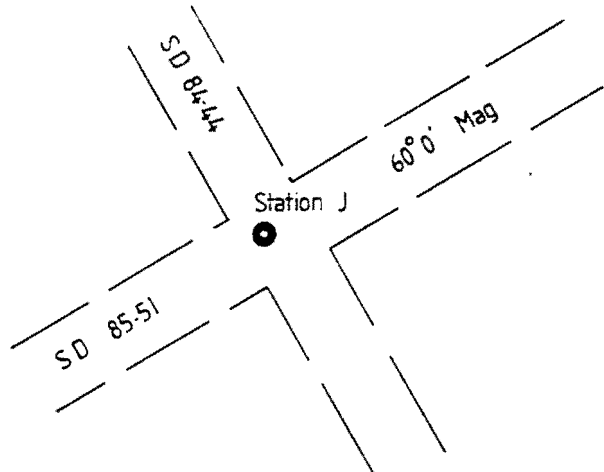
NATIONAL MAPPING COUNCIL OF AUSTRALIA
STATION SUMMARY

Serial No _____

Authority _____

Station Number and Name: **SATELLITE STATION J**

Order: **Doppler**

<p>Sat Stn. F Original Station Established by: GEOMEASURE AUSTRALIA Date: January, 1986</p>		<p>Map Name: ODNADATTA Map Number: SG-53 Scale 1: 1000000</p>															
<p>Existing Station Marked by: GEOMEASURE AUSTRALIA Date: January, 1986.</p>		<p>DATUM: Australian Geodetic Datum 1966</p>															
<p>Reference Books:</p>		<p>RECTANGULAR COORDINATES: Australian Map Grid: In Metres</p>															
<p>Cadastral Location: State Northern Territory County/District _____ Parish/Hundred _____ Allotment/Section/Portion _____</p>		<p>GRID BEARING = ADJ AZIMUTH + CONVERGENCE HEIGHTS: In Metres on the Australian Height Datum</p> <table border="1"> <thead> <tr> <th>SOUTH LATITUDE</th> <th>EAST LONGITUDE</th> <th>ZONE</th> <th>EASTING</th> <th>NORTHING</th> <th>CONVERGENCE</th> <th>HEIGHT</th> </tr> </thead> <tbody> <tr> <td>25°26'32.7170"</td> <td>137°37'32.5660"</td> <td>53</td> <td>764062.925</td> <td>7183451.774</td> <td>+1° 7'43.22"</td> <td>62.30 Doppler AHD Der.</td> </tr> </tbody> </table>		SOUTH LATITUDE	EAST LONGITUDE	ZONE	EASTING	NORTHING	CONVERGENCE	HEIGHT	25°26'32.7170"	137°37'32.5660"	53	764062.925	7183451.774	+1° 7'43.22"	62.30 Doppler AHD Der.
SOUTH LATITUDE	EAST LONGITUDE	ZONE	EASTING	NORTHING	CONVERGENCE	HEIGHT											
25°26'32.7170"	137°37'32.5660"	53	764062.925	7183451.774	+1° 7'43.22"	62.30 Doppler AHD Der.											
<p>Access and Locality Sketch: For access see Seismic Map for area.</p>		<p>Particulars of station marking and beacon: <u>SEISMIC P.V.</u> wooden peg in concrete beside red/white star picket witness post tagged: "INT SD85-51 SD84-44 SAT J"</p>															
		<p>To ADJ AZIMUTH ADJ LENGTH</p> <p>Doppler Satellite observation January, 1986 by Geomeasure Australia. Translocated from Satellite Station F. Uncertainty of Co-ordinates ± 3 metres.</p>															
<p>Cadastral Connections & Reference Marks.</p>		<p>Photo Identification:</p>															
<p>Certified free of transcription errors:</p>		<p>Date:</p>															
<p>Approved by:</p>		<p>Date:</p>															

NATIONAL MAPPING COUNCIL OF AUSTRALIA
STATION SUMMARY

Serial No. _____

Authority _____

Station Number and Name: SATELLITE STATION K Order: Doppler

Sat. Stn. F Established by: GEOMEASURE AUSTRALIA Date: January, 1986

Map Name: CODNADATTA Map Number: SG-53 Scale 1: 1000000

Existing Station Marked by: GEOMEASURE AUSTRALIA Date: January, 1986

DATUM: Australian Geodetic Datum 1966

Reference Books:

RECTANGULAR COORDINATES: Australian Map Grid: In Metres

GRID BEARING = ADJ AZIMUTH + CONVERGENCE

HEIGHTS: In Metres on the Australian Height Datum

Cadastral Location: State Northern Territory County/District

SOUTH LATITUDE	EAST LONGITUDE	ZONE	EASTING	NORTHING	CONVERGENCE	HEIGHT
25°10' 33.7650"	137°37'37.3130"	53	764774.566	7212965.695	+1°07' 5.50"	70.32 Doppler AHD Der.

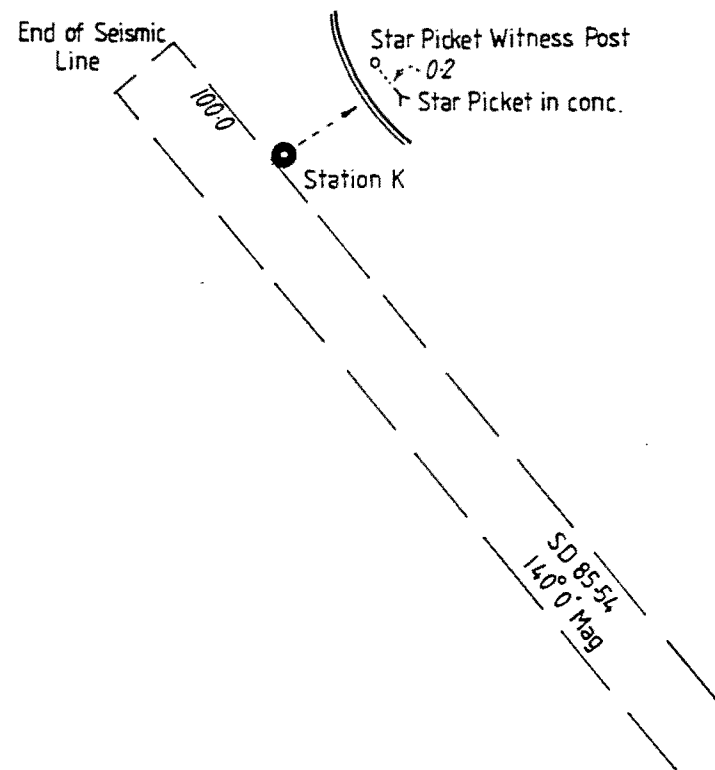
Parish/Hundred Allotment/Section/Portion

Access and Locality Sketch: For access see Seismic Map for area.

Particulars of station marking and beacon:
Deep driven star picket in loose concrete collar with red/white star picket witness post tagged: 'SD 85-54 STATION K'

To ADJ AZIMUTH ADJ LENGTH

Doppler Satellite observation, January, 1986 by Geomeasure Australia.
Translocated from Satellite Station F.
Uncertainty of Co-ordinates ± 3 metres.



Cadastral Connections & Reference Marks.

Photo Identification:

Certified free of transcription errors: _____ Date: _____

Approved by: _____ Date: _____



KEY MAP