

CENTRAL MAPPING AUTHORITY
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

This Trig. Station has been:-

Note: Cross out word or words which do not apply

1. Completely cleared to permit 360° vision to surrounding Trigs. ✓
2. Cleared by lanes bearing from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively. ✓
4. The Trig. was unpiled/~~not unpiled~~, dimensions now being:

Description of mark: Concrete Observation Pillar should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark m ^{above} ~~below~~ rock/concrete m ^{above} ~~below~~ G.L.
 Height of Top Vanes to Top Mark: 1.461 m. Diameter of Vanes (vertical) m.
 Height of Coin m. Diameter of Coin m.

Length of Mast m. (approximate if not unpiled)

5. A Trig. Plug set in conc rock has been placed. 3.550 m. bearing 348°M from Trig. Mast
6. A Copper Nail set in conc rock has been placed. 4.179 m. bearing 46°M from Trig. Mast
7. A G.I. Pipe set in conc/soil has been placed. 8.919 m. bearing 50°M from Trig. Mast
8. A set in conc/rock has been placed m. bearing°M from Trig. Mast

9. Connection Trig. Plug to G.I. Pipe : 7.317 m. bearing 73°M

10. Connection Trig. Plug to Copper Nail : 3.800 m. bearing 102°M

11. Connection to m. bearing°M

12. Connection to m. bearing°M

13. Diff. Ht. Trig. Cont. Case in Conc is 1.124 m. ^{above} ~~below~~ Pillar Plate

14. Diff. Ht. Copper Nail in Conc is 1.273 m. ^{above} ~~below~~ Pillar Plate

15. Diff. Ht. G.I. Pipe is 1.607 m. ^{above} ~~below~~ Pillar Plate

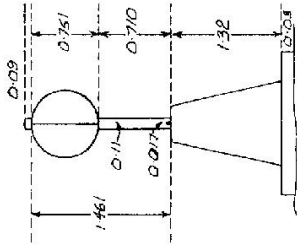
16. Diff. Ht. is m. ^{above} ~~below~~

Prepared by: C. J. Brown Checked:

Noted on U.T.M. Card

Checked

STATION HARNHAM HILL O.P. 5480
 Co: SANDON Ph: HARNHAM
 Map Sheet: BENDEMEER No: 9/36
 Inspected by: C. J. BROWN Date: 2nd November 1974
 Authority: C. M. A. Field Book: 1472
 Beacon Diagram Not to Scale



Record of Station

Date

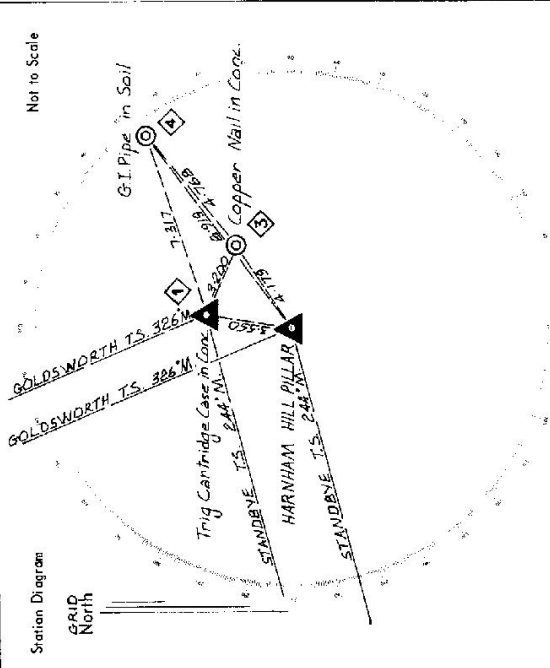
C.B. 2/1/76
 SENIOR TRIGONOMETRICAL SURVEYOR

STATION HARNHAM HILL OP IS 5480

Owners Name.....
Current Occupant.....

Address.....
Address.....

Access.....
Access.....



List of Observed Directions:-

Standpoint: Conc. Observation Pillar Standpoint: Trig Cartridge Case in Conc.

Station	Direction	Station	Direction
STANDBYE T.S.	459 49 60	STANDBYE T.S.	459 49 60
GOLDSWORTH T.S.	B1 43 06	GOLDSWORTH T.S.	81 43 34
Trig Cart. Case in Conc. 1/4	04	GI Pipe in Soil	189 08 00
Copper Nail in Conc.	142 10	Copper Nail in Conc.	217 30
GI Pipe in Soil	146 30 00	Pillar Spigot	214 05

CENTRAL MAPPING AUTHORITY
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

STATION *HARRINGTON Hill B.S. (Pillar)* TS 5480

This Trig. Station has been:-

Note: Cross out word or words which do not apply

1. Completely cleared to permit 360° vision to surrounding Trigs.
2. Cleared by lances bearing..... from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively. *COMPLETE OBSERVING PILLAR PAINTED 19/10/78*
4. The Trig. was unpiled/not unpiled, dimensions now being:

Description of mark: *CONC. OBS. PILLAR* should be explicit, e.g. Steel plug, Brass plug, Bolt, G.L. Pipe

Height of mark..... m above rock/concrete m above G.L.
Diameter of Vanes (vertical)..... m.

Height of Cairn..... m. Diameter of Cairn..... m.

Length of Mast..... m. (approximate if not unpiled)

5. *CONC. CASE* set in conc/rock has been placed *3.550* m. bearing *355°* from Trig. Mast *Pillar*
6. *CONC. MALL* set in conc/soil has been placed *4.117* m. bearing *45°* from Trig. Mast *Pillar*
7. A..... set in conc/soil has been placed..... m. bearing.....°M from Trig. Mast *Pillar*
8. A..... set in conc/rock has been placed..... m. bearing.....°M from Trig. Mast
9. Connection *CONC. MALL to CONC. CASE*: *3.200* m. bearing *230°*.....°M

10. Connection..... to..... m. bearing.....°M

11. Connection..... to..... m. bearing.....°M

12. Connection..... to..... m. bearing.....°M

13. Diff. Ht. *CONC. CASE* is *1.173* m. above *Pillar Plate*

14. Diff. Ht. *CONC. MALL* is *1.774* m. above *Pillar Plate*

15. Diff. Ht. *CONC. MALL* is *0.600* m. above *CONC. CASE*

16. Diff. Ht. is..... m. above..... m. below.....

Prepared by: *P. ROSE* 19/10/78. Checked: *P. ROSE* 19/10/78. Noted on U.T.M. Card

Co: *SANDON* Ph: *HARRINGTON*
Map Sheet: *BLENDEMER* No: *9136*
Inspected by: *R. HOLLIS* Date: *29/6*
Authority: *C.M.A.* Field Book: *01412*
Beacon Diagram Not to Scale

Date	Record of Station
<i>19/10/78</i>	<i>Positive observations Pillar Painted</i>

Checked

Batch 1562

GEODETTIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by ~~hence-bearing~~ ^{360°} ~~.....~~ from Trig. Mast
2. Mast & Vanes have been painted white & black respectively. ✓
3. The station/pillar was unpiled/~~not unpiled~~/~~constructed~~ on ^{23.5} ~~.....~~ ^{19.79} ~~.....~~, dimensions now being:
 ~~STEEL~~ ^{STEEL} ~~Pillar Base~~ ^{Pillar Base} should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe

Description of mark: ~~.....~~ should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark: ~~.....~~ m. ^{above} ~~.....~~ m. ^{below} ~~.....~~ m. G.L.

Height of Top Vanes to Top Mark/Pillar plate ~~.....~~ m. Diameter of Vanes (vertical) ~~.....~~ m.

Height of Cairn ~~.....~~ m. Diameter of Cairn ~~.....~~ m. Name Plate ~~found~~/~~not found~~/~~.....~~

Length of Mast ~~.....~~ m. (approximate if not unpiled)

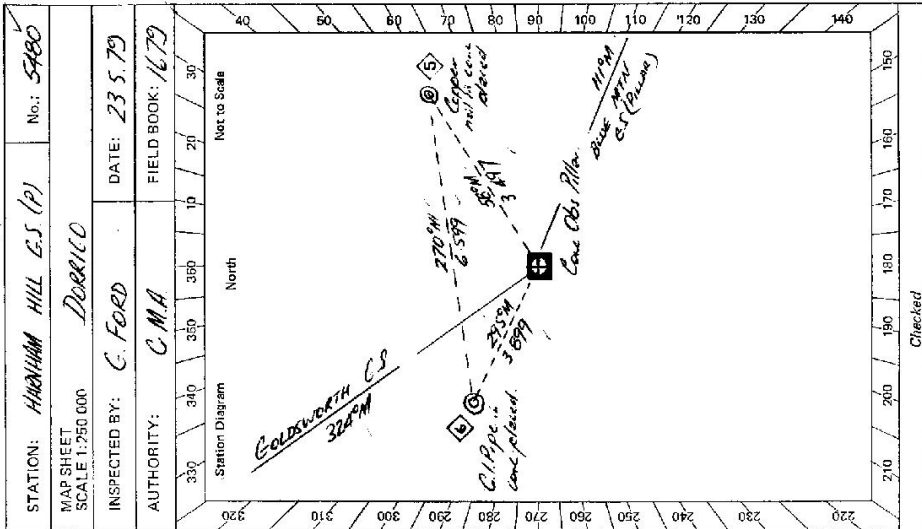
4. A ~~.....~~ C.I. PIPE ~~.....~~ set in conc/~~rock~~ has been placed/~~found~~, bearing ²⁹⁵ ~~.....~~°M from Mast/~~Ally~~/~~Pillar~~
5. A ~~.....~~ COPPER NAIL ~~.....~~ set in conc/~~rock~~ has been placed/~~found~~, bearing ⁵⁸ ~~.....~~°M from Mast/~~Ally~~/~~Pillar~~
6. A ~~.....~~ ~~.....~~ set in conc/rock has been placed/~~found~~, bearing ~~.....~~°M from Mast/~~Ally~~/~~Pillar~~
7. A ~~.....~~ ~~.....~~ set in conc/rock has been placed/~~found~~, bearing ~~.....~~°M from Mast/~~Ally~~/~~Pillar~~

8. Action required: ~~.....~~

STANDPOINT:		CONC. OBS. PILLAR.		STANDPOINT:		COPPER NAIL IN CONC. PILLAR	
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
GOLDSWORTH CS	0 00 00		above standpt.	GOLDSWORTH CS	10 00 00		above standpt.
Copper nail in conc. pld. 96	41 10 3 497		below standpt.	Blue MOUNTAIN CS (P) 143 20 50			above standpt.
Blue Mountain CS (P) 143	19 50		below standpt.	Conc. Obs. Pillar	476 40 00	3 496	1375
C.I. Pipe in conc. pld. 330	25 10 3 899		below standpt.	C.I. Pipe in conc. pld. 305	07 30 6 599		0 133
			above standpt.				above standpt.
			below standpt.				below standpt.
			above standpt.				above standpt.
			below standpt.				below standpt.

Prepared by: *[Signature]* Checked: *[Signature]* Notes on U.T.M. Grid

Sr 2733-1



Checked

STATION **HARNHAM HILL E.S. (P) TS 5480**

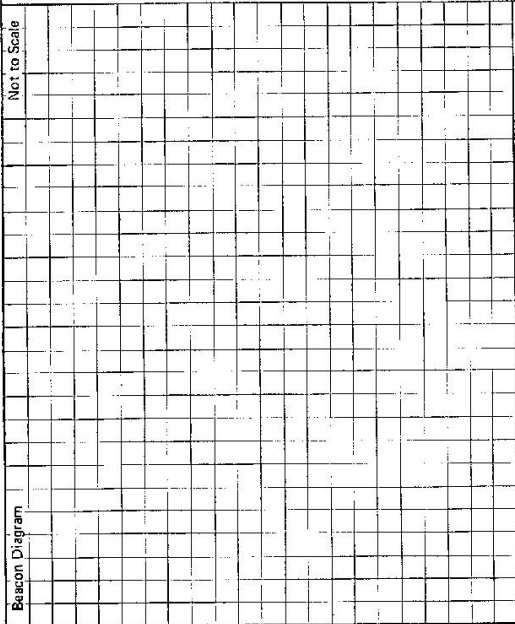
Owner's Name:
 Address:
 Phone:
 Current Occupant:
 Address:
 Phone:

ACCESS

Access Report of 23.5.1979 was found suitable/unsuitable.

- 0.0 THUNDERBOLT HOTEL, URALLA, TRAVEL TOWARDS BENDERBERG,
- 11.8 GATE - LEFT HAND SIDE OF HIGHWAY.
- 12.5 TRACK ON RIGHT TO HOUSE, TAKE L.H. FORK.
- 13.0 TURN RIGHT UNDER POWER LINES (TRACK STRAIGHT AHEAD LEADS TO RAILWAY GATES - VERY WET) WORK WAY AROUND BOLEY PARTS TO RAILWAY GATES.
- 13.7 TRAIN LINE
- 14.5 H.V. POWER LINE
- 14.7 GATE BETWEEN CATTLE YARDS (HEAD N.E. TOWARDS BALD HILL) CREEK
- 15.0
- 16.9 TURN UP STEEP HILL, N.W. SIDE.
- 17.5 HARNHAM HILL PILLAR.

(A.W.D. VEHICLE REQUIRED)



Not to Scale

This section to be completed by officer constructing pillar.

Original station mark found/not found.

Description of mark:

Original beacon found/not found.

Description of beacon:

Height Top of Vanes to Top Mark.....m.

Height of mark.....m. above G.L. below

Diameter of Vanes.....m. Height of Calm.....m.

Original Beacon has/has not been destroyed by me.

Date

23.5.79

Record of Station

Character Case & Name Plate have been removed by 1979
 Coppenhall found damaged New satellite marks placed

GEODETIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing.....
 Note: Cross out word or words which do not apply
 from Trig. Mast
2. Mast & Vanes have been painted white & black respectively.
3. The station/pillar was unpiled/not unpiled/constructed on..... 19....., dimensions now being:
 Description of mark.....should be explicit, e.g. ^{above}/_{below} Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe
 Height of mark.....m. ^{above}/_{below} rock/concrete; Mark is.....m. ^{above}/_{below} G.L.
 Height of Top Vanes to Top Mark/Pillar plate.....m. Diameter of Vanes (vertical).....m.
 Height of Cairn.....m. Diameter of Cairn.....m. Name Plate found/not found/placed.
 Length of Mast.....m (approximate if not unpiled)
4. A.....set in conc./rock has been placed/found, bearing.....°M from Mast/Plug/Pillar
5. A.....set in conc./rock has been placed/found, bearing.....°M from Mast/Plug/Pillar
6. A.....set in conc./rock has been placed/found, bearing.....°M from Mast/Plug/Pillar
7. A.....set in conc./rock has been placed/found, bearing.....°M from Mast/Plug/Pillar
8. Action required: ~~None~~ *Paint & Clean* ~~Paint & Clean~~ *Paint & Clean*.....

STANDPOINT:

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
			above standpt.				above standpt.
			below standpt.				below standpt.
			above standpt.				above standpt.
			below standpt.				below standpt.
			above standpt.				above standpt.
			below standpt.				below standpt.
			above standpt.				above standpt.
			below standpt.				below standpt.
			above standpt.				above standpt.
			below standpt.				below standpt.

Prepared by: *R. LAMBER*

Checked: *J. Manning*

Noted on U.T.M. Card

ST 2733-1

STATION: *HARRIS HILL* No.: *5480*

MAP SHEET SCALE 1:250 000

INSPECTED BY: *R. LAMBER* DATE: *21-10-81*

AUTHORITY: *C.M.A.* FIELD BOOK: *C053*

Station Diagram

North

Not to Scale

Checked

ST 2733-1

SI: 2733-2 D. West, Government Printer

<p>Beacon Diagram</p>	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">STATION HARNHAM HILL TS 5480</p> <p>Owner's Name: Address: Phone:</p> <p>Current Occupant: Address: Phone:</p> <p style="text-align: center;">ACCESS 21-10-81</p> <p>Access Report of 23.5.19.20 was found unsuitable <i>unsuitable</i> to <i>to</i> be used <i>used</i> as follows:</p> <p>080 AT TOWNHALL HOTEL, CANALIA. TOWNHALL HOTEL'S APPLICANT 118 TURN LEFT THROUGH MAIN GATE 125 TURN LEFT INTO TRACK - R.H. SIDE GOES TO BUSINESS HOUSE 130 TURN RIGHT OVER POWER LINES - MAKE U-TURN ALONG BACK ROAD # THEN HEAD TOWARDS RAILWAY LINES 137 CROSS OVER RAILWAY LINE 145 GO UNDER H.V. POWER LINE 147 GO THROUGH IRON GATE BETWEEN COFFEE YARDS - GO S.E. ALONG 150 CROSS OVER CREEK 152 GO STRAIGHT AHEAD. STAY IN NORTHERLY SIDE FENCE 166 TURN LEFT AWAY FROM FENCE & FOLLOW TRACK VIA RAKE # FAMILY APPROX 100 M WILL BEEN SWTY ✓ 175 AT HARNHAM HILL G.S. ✓</p> <p style="text-align: center;"><i>NOTE: ALSO NECESSARY ✓</i></p> </div>
<p>This section to be completed by officer constructing pillar.</p> <p>Original station mark found/not found.</p> <p>Description of mark:</p> <p>Original beacon found/not found.</p> <p>Description of beacon:</p> <p>Height Top of Vanes to Top Mark.....m. above G.L. below</p> <p>Height of mark.....m. above G.L. below</p> <p>Diameter of Vanes.....m. Height of Cairn.....m.</p> <p>Original Beacon has/has not been destroyed by me.</p>	<p>Date</p> <p>Record of Station</p>

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF M.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

Note: Cross out word or words which do not apply

1. Cleared by lanes bearing.....^{3.6.0}.....^{37.0}.....^{4.4}..... from Trig. Mast
2. Mast & Vanes have been painted white & black respectively. ✓
3. The station/pillar was ~~unplaced/constructed~~/constructed on ^{3.3}.....^{19.7}.....^{1.1}....., dimensions now being:
Description of mark.....^{3.3}.....^{19.7}.....^{1.1}..... should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe
Height of mark ^{1.320}.....^{1.350}.....ⁿ.....^{above} ~~rock/concrete~~; Mark is.. ^{1.350}.....ⁿ.....^{above} G.L.
Height of Top Vanes to Top ~~mark~~/Pillar plate ... ^{4.60}.....^m..... Diameter of Vanes (vertical).....^{7.52}.....^m.....
Height of Cairn.....^m..... Diameter of Cairn.....^m..... Name Plate found/~~not found~~/placed.
Length of Mast^m..... (approximate if not unplied)
4. A.....^{C.I.P.}.....^{mark}..... set in conc/~~rock~~ has been ~~placed~~/found, bearing.....⁵⁸.....[°].....^M from ~~Mark/Plug~~/Pillar
5. A.....^{C.I.P.}.....^{mark}..... set in conc/~~rock~~ has been ~~placed~~/found, bearing.....^{29.5}.....[°].....^M from ~~Mark/Plug~~/Pillar
6. A.....^{mark}..... set in conc/rock has been placed/found, bearing.....[°].....^M from Mast/Plug/Pillar
7. A.....^{mark}..... set in conc/rock has been placed/found, bearing.....[°].....^M from Mast/Plug/Pillar
8. Action required:.....

STANDPOINT:

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
			above standpt. below				above standpt. below
			above standpt. below				above standpt. below
			above standpt. below				above standpt. below
			above standpt. below				above standpt. below
			above standpt. below				above standpt. below
			above standpt. below				above standpt. below
			above standpt. below				above standpt. below

Prepared by: *[Signature]*

Checked:

Noted on U.T.M. Card

8: 2733-1

STATION: ~~HARAJUN~~ ^{MANILLA} No.: 5480
 MAP SHEET SCALE 1:250 000
 INSPECTED BY: L. Q. Housley DATE: 1st Nov '61
 AUTHORITY: C. M. A. FIELD BOOK: 1112

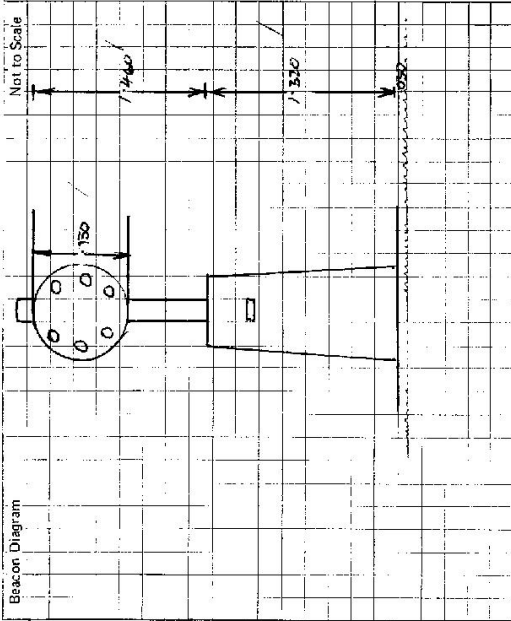
Station Diagram

Not to Scale

Checked

Sr 2743-2 D. West, Government Printer

Beacon Diagram



This section to be completed by officer constructing pillar.

Original station mark found/not found.

Description of mark:

Original beacon found/not found.

Description of reason:

Height top of Vanes to Top Mark.....m.

Height of mark.....m. above G.L. below

Diameter of Vanesm. Height of Cairnm.

Original Beacon has/has not been destroyed by me.

STATION

HARHAM Hill TS 5480

Owner's Name: J. FURCHER, of Spoutz

Address:

Phone:

Access Report of:

Phone:

Address:

Phone:

ACCESS

Access Report of:

Date

Record of Station

GEODETIC SURVEY OF NS/IV

CENTRAL MAPPING AUTHORITY

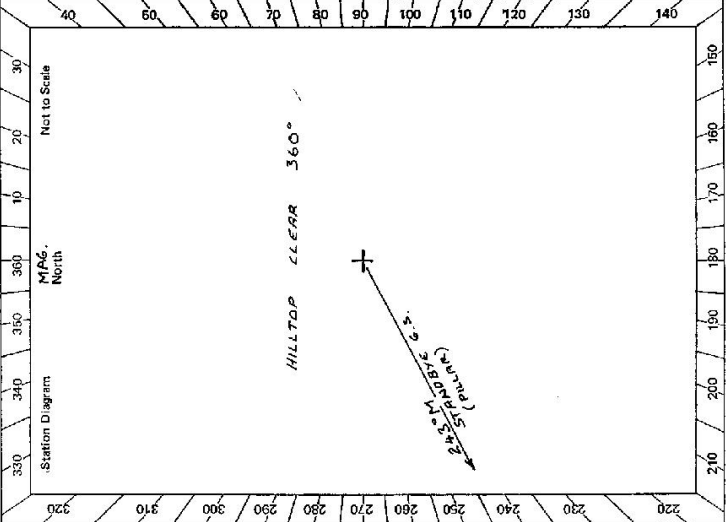
GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **HARRNHAM** No.: **5480**

MAPSHEET SCALE 1:250 000 **MANILLA**

INSPECTED BY: **O. MOSS** DATE: **6.5.82**

AUTHORITY: **C.M.A. 55/11/76** FIELD BOOK: **2001**



- Description: **360° M** Note: *Cross out word or words which do not apply*
- Cleared by James bearing **360° M** from Trig. Mast
 - Mast & Vanes have been painted white & black respectively.
 - The station/pillar was ~~erected~~ ^{re-erected} ~~constructed on~~ ^{constructed on} **6. MAY** 19 **82**, dimensions now being:
 Description of mark: **should be explicit, e.g. S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe**
- Height of mark: **above** **rock/concrete** Mark is **above** **G.L.**
- Height of Top Vanes to Top-Mark/Pillar plate: **m** Diameter of Vanes (vertical): **m**
- Height of Cairn: **m** Diameter of Cairn: **m** Name Plate found/not found/placed:
- Length of Mast: **m** (approximate if not supplied)
- A **set in conc/rock has been placed/found, bearing** **° M** from Mast/Plug/Pillar
 - A **set in conc/rock has been placed/found, bearing** **° M** from Mast/Plug/Pillar
 - A **set in conc/rock has been placed/found, bearing** **° M** from Mast/Plug/Pillar
 - A **set in conc/rock has been placed/found, bearing** **° M** from Mast/Plug/Pillar
8. Action required: **NO ACTION REQUIRED**

STANDPOINT:			
Mark	CAD Direction	Horiz. Distance	Height Difference
OHIO PEARL	169° 08'	17.3	above standpt MIV below
MOLONGI	233° 06'	40.2	above standpt HILL below
RUMBANDA	243° 40'	20.9	above standpt PROFILE below
STANDBYE	253° 51'	12.1	above standpt PILLAR below
BENDEMEER	249° 24'	34.7	above standpt HILL below
TURKEY MTN	265° 44'	27.4	above standpt HILL below
REGREAT	286° 37'	31.3	above standpt PILLAR below

Prepared by: **O. G. Moss**

Checked: **[Signature]**

Noted on U.T.M. Card

