

Maldives Land and Survey Authority,

MINISTRY OF HOUSING AND INFRASTRUCTURE

Ameenee Magu, Maafannu, Male', 20392, Maldives.

Office (PABX): +(960) 3004300, Fax: +(960) 3004254

Email: survey@mhe.gov.mv

Web: www.surveyofmaldives.gov.mv, www.mhe.gov.mv



CONTROL POINT DETAILS		Station Number 5106
Coordinate Information		
Geodetic	Grid	
WGS 84	UTM Zone 43	
Lat: 4°05'01.04427"N	E: 334808.5717m	
Long: 73°30'42.76727"E	N: 451523.5433m	
Ellp Height: -94.373	Orth Height: 0.997m	

Island Name: En'boodhoo	Date: 05 th June 2012
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Monument description & method of survey:







PSM type:

PSM type A (finish level approx. 150mm above ground level), addition 2ft x 2ft footing provide for extra support PSM was established using Topcon HiperII DGPS system. Static survey method was used for establishing the horizontal coordinates. Three PSM were set at site and data collected for a triangle. Approximately 6hrs 01min of data collected for line PSM 5106-5107, 02hrs 03min for line PSM 5106-5108 and 03hrs 45mins for the line PSM 5107-PSM 5108. The PSM 5106 is in line of sight to PSM 5107. Correction and adjustment are made using Topcon Tools software. MSL established by transferring water level (05/06/2012 14:20) and reducing to MSL using Hulhule'predicted tide data set.

General site condition & access:

The PSM 5106 is located at the westside of the island, approximately 15 meters north from west jetty end. The PSM 5106 is in line of sight to PSM 5107; The PSM can be accessible from the beach. Sky view is clear of obstruction apart from north, north east and east side (obstructing at 70° elevation angle).

Owner: Embudhu Village; The resort management takes full responsibility of safeguarding the PSM.

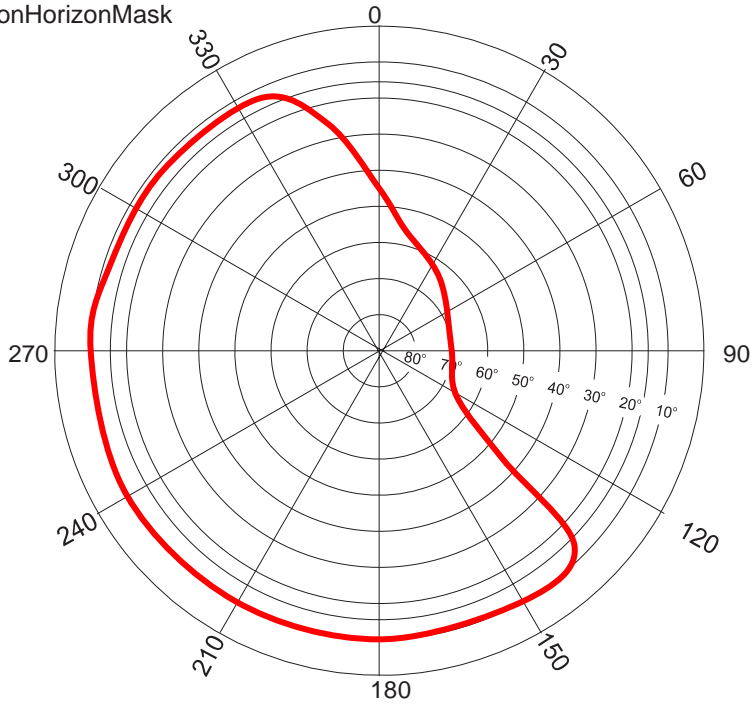
 <p>Bottom</p>	 <p>North</p>	 <p>East</p>
 <p>Up</p>	 <p>South</p>	 <p>West (PSM behind the boat)</p>

SITE INFORMATION

Station Number

P	S	M	5	1	0	6
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StationHorizonMask



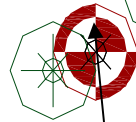
Height above Marker that horizon was mapped from 1.561 m

Magnetic Declination Declination applied to this figure?
 Yes No

Locality



PSM 5106



15m

Jetty



Sketched by: Usman

Scale: Not to scale

Date: 05th June 2012

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CONTROL POINT DETAILS		Station Number 5107
Coordinate Information		
Geodetic	Grid	
WGS 84	UTM Zone 43	
Lat: 4°05'00.61012"N	E: 334854.3310m	
Long: 73°30'44.25173"E	N: 451510.1237m	
Ellp Height: -94.036	Orth Height: 1.310m	
Island Name: En,boodhoo	Date: 05 th June 2012	

Monument description & method of survey:

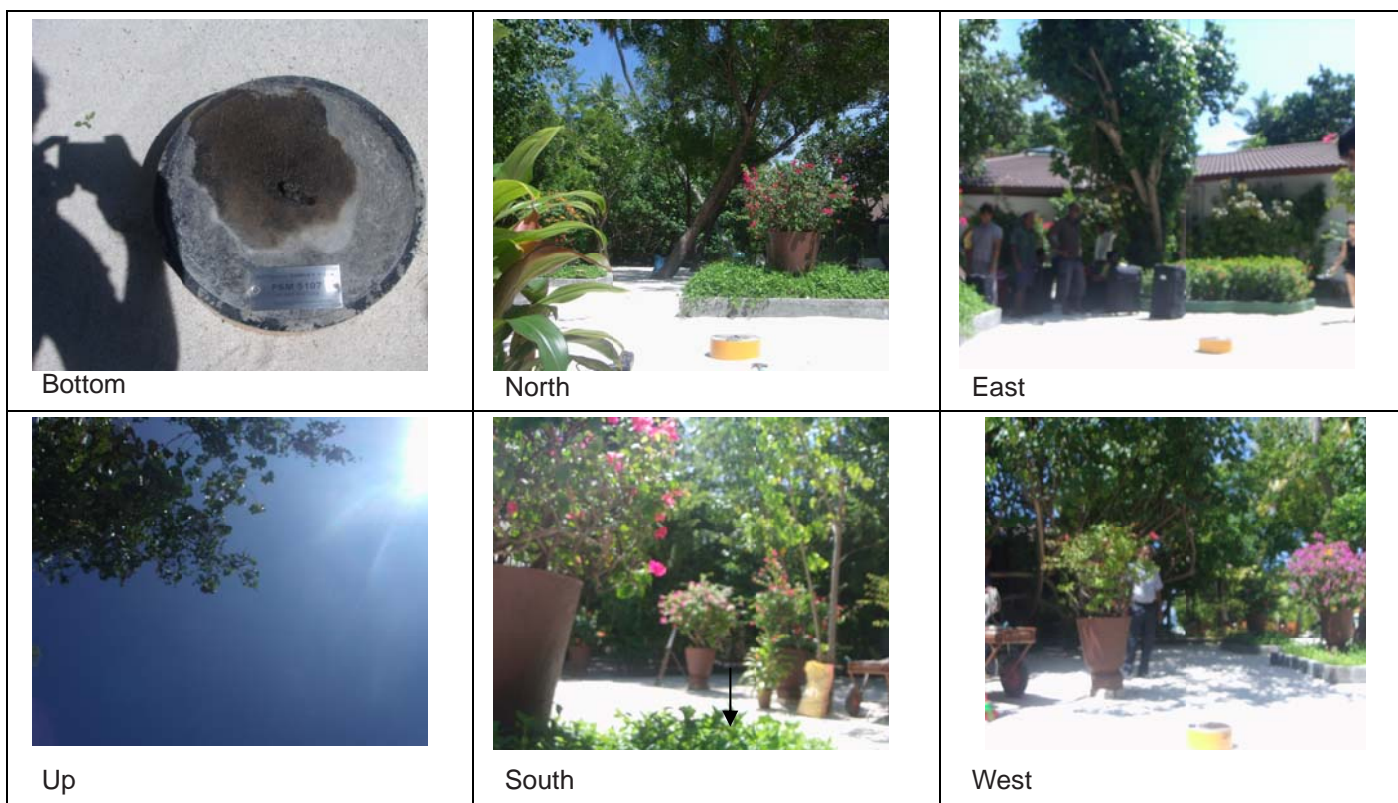
PSM type:

PSM type A (finish level approx. 150mm above ground level), addition 2ft x 2ft footing provide for extra support. PSM was established using Topcon HiperII DGPS system. Static survey method was used for establishing the horizontal coordinates. Three PSM were set at site and data collected for a triangle. Approximately 6hrs 01min of data collected for line PSM 5106-5107, 02hrs 03min for line PSM 5106-5108 and 03hrs 45mins for the line PSM 5107-PSM 5108. The PSM 5107 is in line of sight to PSM 5106. Correction and adjustment are made using Topcon Tools software. MSL of the PSM is established by transferring level from PSM 5106 as part of level run.

General site condition & access:

The PSM 5107 is located south west side of the island in between front office and bar, approximately 08 meters north eastern side of bar. The PSM 5107 is in line of sight to PSM 5106. Sky view is obstruction at North (30° elevation angle), East (50° elevation angle), South East (30° elevation angle), West (60° elevation angle) and North West (60° elevation angle),

Owner: Embudhu Village; The resort management takes full responsibility of safeguarding the PSM.

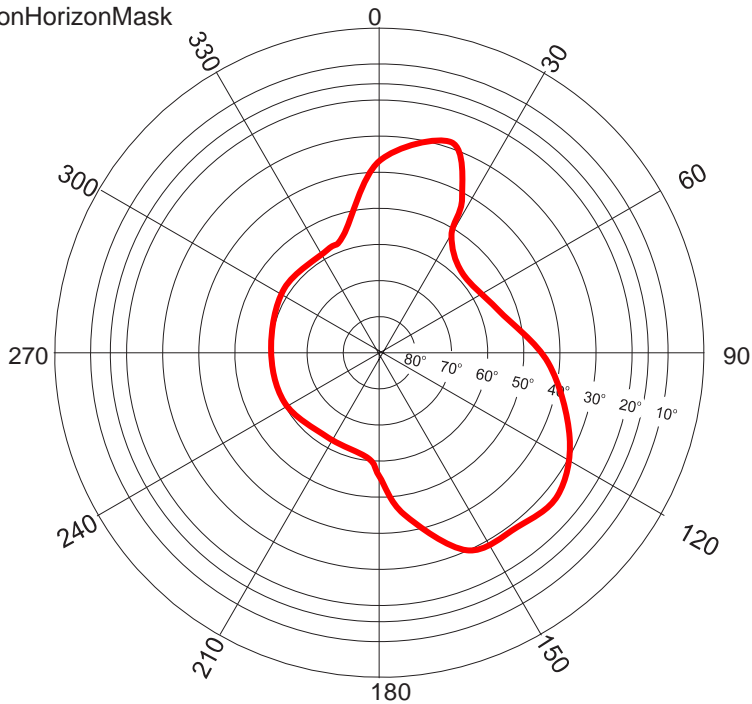


SITE INFORMATION

Station Number

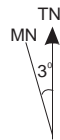
P	S	M	5	1	0	7
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StationHorizonMask

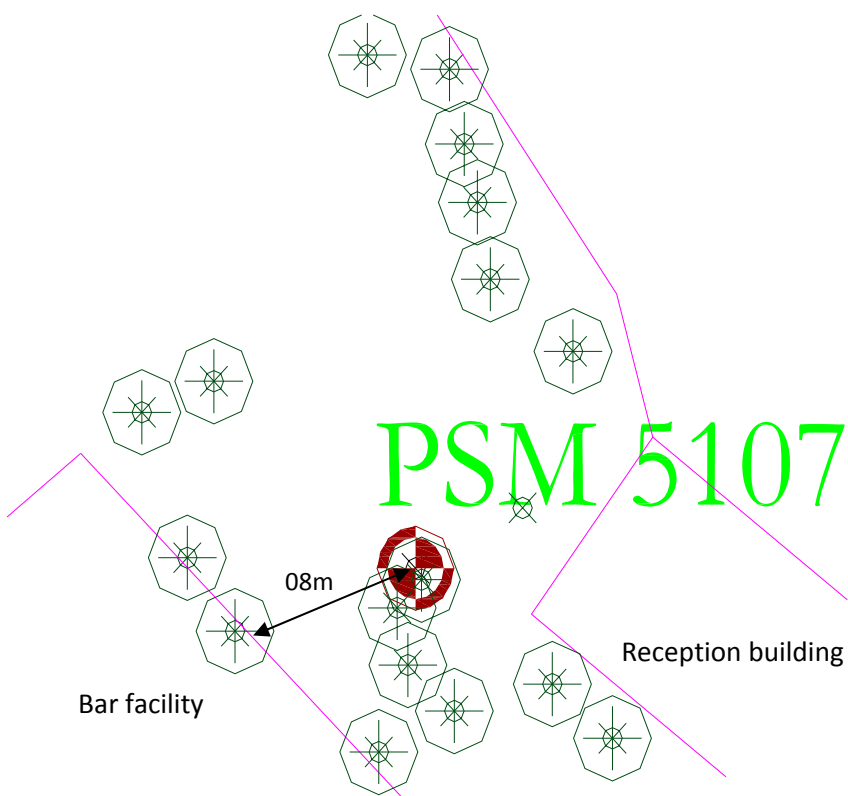


Height above Marker that horizon was mapped from 2.508 m

Magnetic Declination Declination applied to this figure?
 Yes No



Locality



Sketched by: Usman

Scale: Not to scale

Date: 05th June 2012

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CONTROL POINT DETAILS		Station Number 5108
Coordinate Information		
Geodetic		Grid
WGS 84		UTM Zone43
Lat: 4°05'05.05259"N		E: 334736.4245m
Long: 73°30'40.42064"E		N: 451646.7913m
Ellp Height: -94.155		Orth Height: 1.129m
Island Name: En'boodhoo Village		Date: 05 th June 2012

Monument description & method of survey:

PSM type:

PSM type A (finish level approx. 150mm above ground level), addition 2ftx2ft footing provide for extra support PSM was established using Topcon HiperII DGPS system. Static survey method was used for establishing the horizontal coordinates. Three PSM were set at site and data collected for a triangle. Approximately 6hrs 01min of data collected for line PSM 5106-5107, 02hrs 03min for line PSM5106-5108 and 03hrs 45mins for the line PSM5107-PSM5108. Correction and adjustment are made using Topcon Tools software. MSL of the PSM is established by transferring level from PSM5106 as part of level run.

General site condition & access:

The PSM 5108 is located near north western end of the island facing south. The PSM5108 is located approximately 28 meters east from the vegetation line and is accessible to the beach road. Sky view is clear of obstruction apart from north east, east, south and south western sides (obstructing at 40° elevation angle).

Owner: Embudhu Village; The resort management takes full responsibility of safeguarding the PSM.



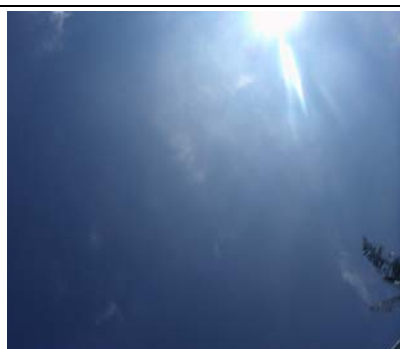
Bottom



North



East



Up



South



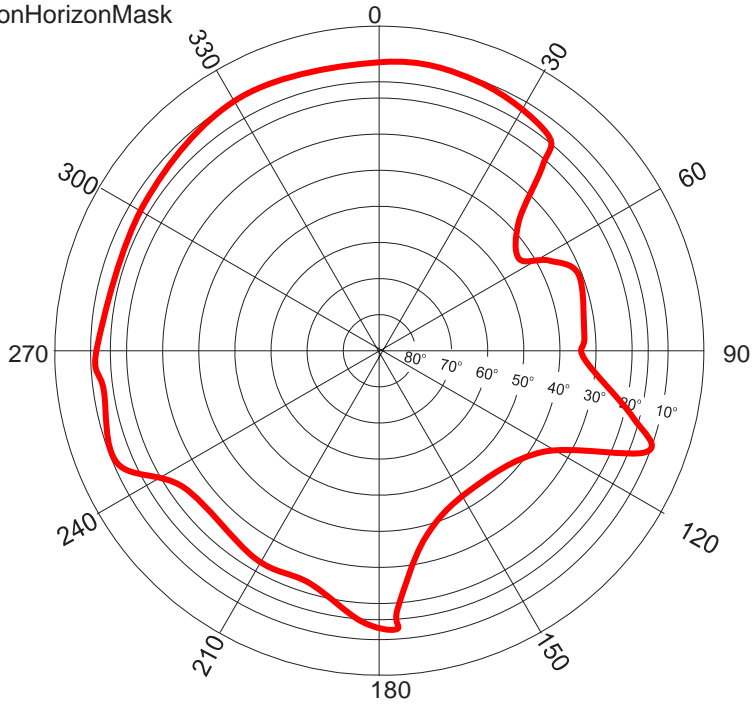
West

SITE INFORMATION

Station Number

P	S	M	5	1	0	8
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StationHorizonMask



Locality



Guest Villa

13m

PSM 5108

Guest Villa



Sketched by: Usman

Scale: Not to scale

Date: 05th June 2012